PUBLICATION LIST dd. February 15, 2012

Ewine F. van Dishoeck

1. **The structures of some cycloalkane molecular ions by photodissociation and charge-transfer studies in an ICR-spectrometer.**
   Ewine F. van Dishoeck, P.N.Th. van Velzen and W.J. van der Hart, 1979, Chem. Phys. Letters, **62**, 135-138.
2. **Ab initio studies of the photodissociation processes in positive hydrocarbon ions. I. The methane ion.**
   Ewine F. van Dishoeck, W.J. van der Hart and Marc van Hemert, 1980, Chem. Phys., **50**, 45-62.
3. **The excitation of interstellar C_2**
   Ewine F. van Dishoeck and J.H. Black, 1982, Astrophys. J., **258**, 533-547.
4. **Theoretical determination of the lifetime and dipole moments of the $A^2\Sigma^+, B^2\Sigma^+$ and $C^2\Sigma^+$ states in OH**
   S.R. Langhoff, Ewine F. van Dishoeck, R.W. Wetmore and A. Dalgarno, 1982, J. Chem. Phys., **77**, 1379-1390.
5. **Photodissociation processes in the HCl molecule**
   Ewine F. van Dishoeck, Marc C. van Hemert and A. Dalgarno, 1982, J. Chem. Phys., **77**, 3693-3702.
6. **The low-lying $^2\Sigma^-$ states of OH**
   Ewine F. van Dishoeck, S.R. Langhoff and A. Dalgarno, 1983, J. Chem. Phys., **78**, 4552-4561.
7. **Oscillator strengths and lifetimes of the C_2 Phillips system**
   Ewine F. van Dishoeck, 1983, Chem. Phys., **77**, 277-286.
8. **Interstellar C_2 molecules in a Taurus dark cloud**
   L.M. Hobbs, John H. Black and Ewine F. van Dishoeck, 1983, Astrophys. J. Letters, **271**, L95.
9. **Photodissociation processes in the OH molecule**
   Ewine F. van Dishoeck and A. Dalgarno, 1983, J. Chem. Phys., **79**, 873-888.
10. **Observations of interstellar C_2 toward χ Oph, HD 154368, HD 147889 and HD 149404**
    Ewine F. van Dishoeck and Tim de Zeeuw, 1984, M.N.R.A.S., **206**, 383-406.
11. **Photodissociation of OH in interstellar clouds**
    Ewine F. van Dishoeck and A. Dalgarno, 1984, Astrophys. J., **277**, 576-580.
12. **The photodissociation lifetimes of OH and OD radicals in comets**
    P.D. Singh, Ewine F. van Dishoeck and A. Dalgarno, 1983, Icarus, **56**, 184-189.
13. **The dissociation of OH and OD in comets by solar radiation**
    Ewine F. van Dishoeck and A. Dalgarno, 1984, Icarus, **59**, 305-313.
14. **Resonances in the photodissociation of OH by absorption into coupled $^2\Pi$ states: adiabatic and diabatic formulations**
    Ewine F. van Dishoeck, Marc C. van Hemert, A.C. Allison and A. Dalgarno, 1984, J. Chem. Phys., **81**, 5709-5725.
15. **An analysis of vibration-rotation lines of OH in the solar infrared spectrum**
    N. Grevesse, A.J. Sauval and E.F. van Dishoeck, 1984, Astron. Astrophys., **141**, 10-16.
16. **Photodissociation and excitation of interstellar molecules; calculations and astrophysical applications**
    Ewine F. van Dishoeck, 1984, Ph. D. thesis, University of Leiden.

17. **Quantum mechanical and impact parameter treatment of He^{2+}-H collisions**
Marc C. van Hemert, Ewine F. van Dishoeck, J.A. van der Hart and F. Koike, 1985, Phys. Rev. A, **31**, 2227-2243.

18. **Comprehensive models of diffuse interstellar clouds: physical conditions and molecular abundances**
Ewine F. van Dishoeck and J.H. Black, 1986, Astrophys. J. Suppl., **62**, 109–145.

19. **Detection of the C_2 (3,0) Phillips band toward ζ Oph**
Ewine F. van Dishoeck and J.H. Black, 1986, Astrophys. J., **307**, 332–336.

20. **Photodissociation processes in the CH molecule**
Ewine F. van Dishoeck, 1987, J. Chem. Phys., **86**, 196–214.

21. **Fluorescent excitation of H_2**
J.H. Black and Ewine F. van Dishoeck, 1987, Astrophys. J., **322**, 412–449.

22. **OH and CH continuous opacity in solar and stellar atmospheres**
Robert L. Kurucz, Ewine F. van Dishoeck and S.P. Tarafdar, 1987, Astrophys. J., **322**, 992–998.

23. **Large molecules in diffuse interstellar clouds**
S. Lepp, A. Dalgarno, E.F. van Dishoeck and J.H. Black 1988, Astrophys. J., 418–424.

24. **Unresolved velocity structure in diffuse interstellar clouds**
John H. Black and Ewine F. van Dishoeck 1988, Astrophys. J., **331**, 986–998.

25. **The small molecular cloud toward HD 169454**
Buell T. Jannuzi, John H. Black, Charles J. Lada and Ewine F. van Dishoeck 1988, Astrophys. J., **332**, 995–1008.

26. **The photodissociation and chemistry of interstellar CO**
Ewine F. van Dishoeck and J.H. Black 1988, Astrophys. J., **334**, 771–802.

27. **Detection of CH and CH^+ in a high latitude molecular cloud**
C.P. de Vries and Ewine F. van Dishoeck 1988, Astron. Ap. Letters, **203**, L23–L26.

28. **Discovery of radiatively excited molecular hydrogen in the giant extragalactic HII region complex NGC 604**
F.P. Israel, T.G. Hawarden, R.S. Wade, T.R. Geballe and E.F. van Dishoeck 1989, M.N.R.A.S. **236**, 89–95.

29. **Fluorescent vibration–rotation excitation of C_2 in comets**
Roland Gredel, Ewine F. van Dishoeck and John H. Black 1989, Astrophys. J., **338**, 1047–1070.

30. **Interstellar C_2, CH and CN in translucent molecular clouds**
Ewine F. van Dishoeck and J.H. Black, 1989, Astrophys. J., **340**, 273–297.

31. **Velocities and rotational excitation of interstellar H_2 toward π Scorpii**
E.B. Jenkins, J.F. Lees, Ewine F. van Dishoeck, and E.M. Wilcots, 1989, Astrophys. J. **343**, 785–810.

32. **The CS molecule in diffuse interstellar clouds**
K. Drdla, G.R. Knapp, and E.F. van Dishoeck, 1989, Astrophys. J. **345**, 815–827.

33. **H_2 emission and CO absorption in Centaurus A: Evidence for a circumnuclear disk?**
F.P. Israel, Ewine F. van Dishoeck, J. Koornneef, F. Baas, J.H. Black, and Th. de Graauw, 1990, Astron. Ap. **227**, 342–350.

34. **Identification of solar vibration–rotation lines of NH and the solar nitrogen abundance**
N. Grevesse, D.L. Lambert, A.J. Sauval, E.F. van Dishoeck, C.B. Farmer and R.H. Norton, 1990, Astron. Ap. **232**, 225–230.

35. **Interstellar absorption lines toward NGC 2264 and AFGL 2591: Abundances of H_2, H_3^+ and CO**
J.H. Black, Ewine F. van Dishoeck, S.P. Willner, and R. Claude Woods, 1990, Astrophys. J. **358**, 459–467.

36. **Vibration–rotation bands of CH in the solar infrared spectrum and the solar carbon abundance**
N. Grevesse, D.L. Lambert, A.J. Sauval, E.F. van Dishoeck, C.B. Farmer and R.H. Norton, 1991, Astron. Ap. **242**, 488–495.

37. **CO J=3→2 observations of translucent and high–latitude molecular clouds**
Ewine F. van Dishoeck, J.H. Black, T.G. Phillips, and R. Gredel, 1991, Astrophys. J. **366**, 141–162.

38. **Electron densities and the excitation of CN in molecular clouds**
John H. Black and Ewine F. van Dishoeck, 1991, Astrophys. J. **369**, L9–L12.

39. **CO J=1–0, 2–1 and 3–2 absorption and emission toward the nucleus of Centaurus A: probing the circumnuclear disk**
F.P. Israel, E.F. van Dishoeck, F. Baas, T. de Graauw, and T.G. Phillips, 1991, Astron. Ap. Letters, **245**, L13–L16.

40. **A multi–wavelength analysis of interstellar CN: comparison of red and violet absorption line observations**
R. Gredel, Ewine F. van Dishoeck and J.H. Black, 1991, Astron. Ap., **251**, 625-638.

41. **The small–scale structure of the high–latitude molecular cloud toward HD 210121**
R. Gredel, Ewine F. van Dishoeck, J.H. Black, and C.P. de Vries, 1992, Astron. Ap. **257**, 245–264.

42. **Rotational excitation of interstellar OH by para– and ortho–H_2**
A.R. Offer and Ewine F. van Dishoeck, 1992, M.N.R.A.S. **257**, 377–390.

43. **Chemistry in circumstellar disks: CS toward HL Tauri**
G.A. Blake, Ewine F. van Dishoeck, and A.I. Sargent, 1992, Astrophys. J. Letters, **391**, L99–L103.

44. **Interstellar H_3O^+ and its relation to the O_2 and H_2O abundances**
T.G. Phillips, Ewine F. van Dishoeck and J.B. Keene, 1992, Astrophys. J., **399**, 533–550.

45. **Ground–based searches for interstellar H_2D^+**
Ewine F. van Dishoeck, T.G. Phillips, J.B. Keene and G.A. Blake, 1992, Astron. Ap. Letters, **261**, L13–L16.

46. **Photodissociation of CH_2. I. Potential energy surfaces for the dissociation into CH + H**
R.A. Beärda, M.C. van Hemert, and Ewine F. van Dishoeck, 1992, J. Chem. Phys., **97**, 8240–8249.

47. **The abundance of CH^+ in translucent molecular clouds: further tests of shock models**
R. Gredel, Ewine F. van Dishoeck and J.H. Black, 1993, Astron. Ap., **269**, 477–495.

48. **The physical and chemical structure of the IC 63 nebula. I. Millimeter and far–infrared observations**
D.J. Jansen, Ewine F. van Dishoeck and J.H. Black, 1994, Astron. Ap., **282**, 605–620.

49. **Photodissociation of CH_2 II. Three–dimensional wavepacket calculations on the dissociation through the first excited triplet state**
G.J. Kroes, Ewine F. van Dishoeck, R.A. Beärda, and M.C. van Hemert, 1993, J. Chem. Phys., **99**, 228–236.

50. **Submillimeter observations of the shocked molecular gas associated with the supernova remnant IC 443**
Ewine F. van Dishoeck, D.J. Jansen and T.G. Phillips, 1993, Astron. Ap., **279**, 541–566.

51. **Detection of the interstellar NH_2 radical**
Ewine F. van Dishoeck, D.J. Jansen, P. Schilke & T.G. Phillips, 1993, Astrophys. J. Letters, **416**, L83–L86.

52. **Photodissociation of CH_2 III. 2–D dynamics of the dissociation of CH_2, CD_2 and CHD through its first excited triplet state**
R.A. Beärda, G.J. Kroes, M.C. van Hemert, B. Heumann, R. Schinke and Ewine F. van Dishoeck, 1994, J. Chem. Phys., **100**, 1113–1127.

53. **Millimetre observations of southern translucent clouds**
R. Gredel, Ewine F. van Dishoeck and J.H. Black, 1994, Astron. Ap., **285**, 300–321.

54. **Physical and chemical variations within the W3 star–forming region**
F.P. Helmich, D.J. Jansen, Th. de Graauw, T. Groesbeck and Ewine F. van Dishoeck, 1994, Astron. Ap., **283**, 626–634.

55. **Molecular abundances and low mass star formation I. Si– and S–bearing species towards IRAS 16293–2422**
G.A. Blake, Ewine F. van Dishoeck, D.J. Jansen, T. Groesbeck, and L.G. Mundy, 1994, Astrophys. J., **428**, 680–692.

56. **Rotationally inelastic and hyperfine resolved cross sections for OH–H_2 collisions: calculations using a new ab initio potential surface**
A.R. Offer, M.C. van Hemert and Ewine F. van Dishoeck, 1994, J. Chem. Phys., **100**, 362–378.

57. **Evidence for HCO^+ infall toward T Tauri?**
H.J. van Langevelde, Ewine F. van Dishoeck, and G.A. Blake, 1994, Astrophys. J. Letters, **425**, L45–L48.

58. **The spatial distribution of excited H_2 in T Tauri: a molecular outflow in a young binary system**
H.J. van Langevelde, Ewine F. van Dishoeck, P. van der Werf, and G.A. Blake, 1994, Astron. Ap. Letters, **287**, L25–L28.

59. **Detection of the [C I] 492 GHz line from a high–latitude molecular cloud**
R. Stark and Ewine F. van Dishoeck, 1994, Astron. Ap. Letters, **286**, L43–L46.

60. **Photon–dominated regions around cool stars: the effect of the color temperature of the radiation field**
M. Spaans, A.G.G.M. Tielens, E.F. van Dishoeck and E.L.O. Bakes, 1994, Astrophys. J., **437**, 270–280.

61. **Millimeter and submillimeter observations of the Orion Bar. I. Physical structure.**
M.R. Hogerheijde, D.J. Jansen and Ewine F. van Dishoeck, 1995, Astron. Ap., 294, 792–810.

62. **A molecular line study of NGC 1333 IRAS 4**
G.A. Blake, G. Sandell, Ewine F. van Dishoeck, C. Aspin, Groesbeck, T., and Mundy, L.G. 1995, Astrophys. J., **441**, 689–701.

63. **Molecular abundances and low mass star formation II. Organic and deuterated species towards IRAS 16293–2422**
Ewine F. van Dishoeck, G.A. Blake, D.J. Jansen, and T. Groesbeck, 1995, Astrophys. J., **447**, 760–782.

64. **Vibrationally excited H_2, HCl and NO^+ in the diffuse clouds toward zeta Ophiuchi**
S.R. Federman, J.A. Cardelli, Ewine F. van Dishoeck, D.L. Lambert and J.H. Black 1995, Astrophys. J., **445**, 325–329.

65. **The infrared band strengths of H_2O, CO and CO_2 in laboratory simulations of astrophysical ice mixtures**
P.A. Gerakines, W.A. Schutte, J.M. Greenberg, and Ewine F. van Dishoeck 1995, Astron. Ap., **296**, 810–818.

66. **Interstellar turbulence and the CH^+ problem**
M.C. Spaans, J.H. Black, and Ewine F. van Dishoeck 1997, submitted.

67. **Photodissociation of CH_2. V. Three–dimensional potential energy surfaces**
R.A. Beärda, M.C. van Hemert, and Ewine F. van Dishoeck, 1995, J. Chem. Phys., **102**, 8930–8941.

68. **Large HCO^+ and HCN abundances in the diffuse cloud toward PKS 0528+134**
M.R. Hogerheijde, E.J. de Geus, M.C. Spaans, H.J. van Langevelde, and Ewine F. van Dishoeck, 1995, Astrophys. J. Letters, 441, L93–L97.

69. **Photodissociation of the HCO^+ ion**
A. Koch, Ewine F. van Dishoeck and M.C. van Hemert, 1995, Ber. Bunsenges. Phys. Chem., **99**, 393–401.

70. **The physical and chemical structure of the IC 63 nebula. II. Chemical models**
D.J. Jansen, Ewine F. van Dishoeck, J.H. Black, M. Spaans and C. Sosin, 1995, Astron. Ap., **302**, 223–242.

71. **Millimeter and submillimeter observations of the Orion Bar. II. Chemical models**
D.J. Jansen, M. Spaans, M.R. Hogerheijde, and Ewine F. van Dishoeck, 1995, Astron. Ap., **303**, 541–553.

72. **The physical and chemical structure of the IC 63 nebula. III. The gas–phase carbon abundance**
D.J. Jansen, Ewine F. van Dishoeck, J. Keene, A.L. Betz and R. Boreiko, 1996, Astron. Ap., **309**, 899–906.

73. **Anomalously excited OH and the competition between maser transitions toward Centaurus A**
H.J. van Langevelde, Ewine F. van Dishoeck, M. Sevenster, and F.P. Israel, 1995, Astrophys. J. Letters, **448**, L123–L126.

74. **The photodissociation of interstellar and cometary CH_2**
Ewine F. van Dishoeck, R.A. Beärda, and M.C. van Hemert, 1996, Astron. Ap., **307**, 645–652.

75. **Photon heating of envelopes around young stellar objects: an explanation for CO J=6–5 emission**
M. Spaans, M.R. Hogerheijde, L.G. Mundy, and Ewine F. van Dishoeck, 1995, Astrophys. J. Letters, **455**, L167–L170.

76. **Circumstellar C_2, CN and CH^+ in the optical spectra of post–AGB stars**
E.J. Bakker,Ewine F. van Dishoeck, L.B.F.M. Waters, and T. Schoenmaker, 1997, Astron. Ap. **323**, 469–487

77. **Photodissociation of NH_2. I. Two–dimensional potential energy surfaces for the dissociation into NH and H**
R. Vetter, L. Zülicke, A. Koch, Ewine F. van Dishoeck, and S.D. Peyerimhoff, 1996, J. Chem. Phys. **104**, 5558–5571

78. **Infrared properties of isolated water ice**
P. Ehrenfreund, P.A. Gerakines, W.A. Schutte, M.C. van Hemert, and Ewine F. van Dishoeck, 1996, Astron. Ap. **312**, 263–274

79. **Photodissociation of the HCO^+ ion. I. 2–D calculations through the $1^1\Pi$ state**
A. Koch, Ewine F. van Dishoeck and M.C. van Hemert, 1995, J. Chem. Phys., **103**, 7006–7015.

80. **The translucent molecular clouds toward HD 154368. I. Extinction, abundances and depletions**
T.P. Snow, J.H. Black, Ewine F. van Dishoeck, G. Burks, R.M. Crutcher, B.L. Lutz, M.M. Hanson and R.Y. Shuping, 1996, Astrophys. J. **465**, 245–263.

81. **Neutral carbon in translucent regions of the dark cloud L183**
R. Stark, P.R. Wesselius, Ewine F. van Dishoeck, and R.J. Laureijs, 1996, Astron. Ap., **311**, 282–290

82. **The ionization fraction in dense clouds**
C. de Boisanger, F.P. Helmich and Ewine F. van Dishoeck, 1996, Astron. Ap., **310**, 315–327.

83. **Discovery of solid formaldehyde toward the protostar GL 2136: Observations and laboratory simulation**
W.A. Schutte, P.A. Gerakines, T.R. Geballe, Ewine F. van Dishoeck, and J.M. Greenberg, 1996, Astron. Ap., **309**, 633–647.

84. **The excitation and abundance of HDO toward W3(OH)/(H_2O)**
F.P. Helmich, D.J. Jansen, and Ewine F. van Dishoeck, 1996, Astron. Ap., **313**, 657–663.

85. **Physical and chemical variations within the W3 star–forming region. II. The 345 GHz survey**
F.P. Helmich and Ewine F. van Dishoeck, 1997, Astron. Ap. Suppl., **124**, 205–253

86. **Detection of hot, abundant water toward AFGL 2591**
F.P. Helmich, Ewine F. van Dishoeck, J.H. Black, Th. de Graauw, D. Beintema, A. Heras, F. Lahuis, P.W. Morris and E.A. Valentijn, 1996, Astron. Ap., **315**, L173–L176; *SRON/ESA press release*

87. **Infrared absorption of H_2O toward massive young stars**
Ewine F. van Dishoeck and F.P. Helmich, 1996, Astron. Ap., **315**, L177–L180

88. **A search for interstellar gas–phase CO_2: gas/solid state abundance ratios**
Ewine F. van Dishoeck, F.P. Helmich, Th. de Graauw, J.H. Black, A.C.A. Boogert, P.E. Ehrenfreund, P.A. Gerakines, J.H. Lacy, T.J. Millar, W.A. Schutte, A.G.G.M. Tielens, D.C.B. Whittet, D. Boxhoorn, D. Kester, K. Leech, P. Roelfsema, A. Salama, B. Vandenbussche, 1996, Astron. Ap., **315**, L349–L352

89. **An ISO view of interstellar ices – first results**
D.C.B. Whittet, W.A. Schutte, A.G.G.M. Tielens, A.C.A. Boogert, Th. de Graauw, P. Ehrenfreund, P.A. Gerakines, F.P. Helmich, T. Prusti, and Ewine F. van Dishoeck, 1996, Astron. Ap., **315**, L357–L360; *SRON/ESA press release*

90. **SWS observations of solid CO_2 in molecular clouds**
Th. de Graauw, D.C.B. Whittet, P.A. Gerakines, O.H. Bauer, D.A. Beintema, A.C.A. Boogert, D.R. Boxhoorn, J.E. Chiar, P. Ehrenfreund, H. Feuchtgruber, F.P. Helmich, A.M. Heras, R. Huygen, D.J.M. Kester, D. Kunze, F. Lahuis, K.J. Leech, D. Lutz, P.W. Morris, T. Prusti, P.R. Roelfsema, A. Salama, S.G. Schaeidt, W.A. Schutte, H.W.W. Spoon, A.G.G.M. Tielens, E.A. Valentijn, B. Vandenbussche, Ewine F. van Dishoeck, P.R. Wesselius, E. Wieprecht, and C.M. Wright, 1996, Astron. Ap., **315**, L345–L348; *SRON/ESA press release*

91. **The 6.0 and 6.8 μm absorption features in the spectrum of NGC 7538 IRS9**
W.A. Schutte, A.G.G.M. Tielens, D.C.B. Whittet, A.C.A. Boogert, P. Ehrenfreund, Th. de Graauw, T. Prusti, Ewine F. van Dishoeck and P.R. Wesselius, 1996, Astron. Ap., **315**, L333–L336

92. **A laboratory database of solid CO and CO_2 for ISO**
P. Ehrenfreund, A.C.A. Boogert, P.A. Gerakines, D.J. Jansen, W.A. Schutte, A.G.G.M. Tielens, and Ewine F. van Dishoeck, 1996, Astron. Ap., **315**, L341–L344

93. **Mineralogy of oxygen-rich dust shells**
L.B.F.M. Waters, F.J. Molster, T. de Jong, and 34 other authors including Ewine F. van Dishoeck, 1996, Astron. Ap., **315**, L361–L364

94. **Physical models of photon–dominated regions: influence of clumpiness and geometry for S140**
M. Spaans and Ewine F. van Dishoeck, 1997, Astron. Ap., **323**, 953–962

95. **A molecular line and infrared study of NGC 2264 IRS1**
K. Schreyer, F.P. Helmich, Ewine F. van Dishoeck and Th. Henning, 1997, Astron. Ap., **326**, 347–365

96. **The gas/solid methane abundance ratio toward deeply embedded protostars**
A.C.A. Boogert, F.P. Helmich, Ewine F. van Dishoeck, W.A. Schutte, A.G.G.M. Tielens, and D.C.B. Whittet, 1998, Astron. Ap., **336**, 352–358

97. **Infrared spectroscopy of interstellar apolar ice analogs**
P. Ehrenfreund, A.C.A. Boogert, P.A. Gerakines, A.G.G.M. Tielens, and Ewine F. van Dishoeck, 1997, Astron. Ap., **328**, 649–669

98. **ISO–SWS spectroscopy of dust in the diffuse interstellar medium toward Cygnus OB2 no. 12**
D.C.B. Whittet, A.C.A. Boogert, P.A. Gerakines, W. Schutte, A.G.G.M. Tielens, Th. de Graauw, T. Prusti, Ewine F. van Dishoeck, P.R. Wesselius, and C.M. Wright 1997, Astrophys. J., **490**, 729–734

99. **Tracing the envelopes around embedded low–mass young stellar objects with HCO^+ and millimeter continuum observations**
M.R. Hogerheijde, Ewine F. van Dishoeck, G.A. Blake, and H.J. van Langevelde 1997, Astrophys. J., **489**, 293–313

100. **SWS spectroscopy of sources obscured by the diffuse interstellar medium: The 6.2 μm absorption feature of aromatic compounds**
W.A. Schutte, K.A. van der Hucht, D.C.B. Whittet, A.C.A. Boogert, A.G.G.M. Tielens, J.M. Greenberg, P.M. Williams, P.W. Morris, Ewine F. van Dishoeck, Th. de Graauw, 1998, Astron. Ap., **337**, 261–274

101. **Carbon and oxygen depletion and extinction in the translucent cloud toward HD 24534 (X Persei)**
T.P. Snow, M.M. Hanson, J.H. Black, Ewine F. van Dishoeck, R.M. Crutcher and B.L. Lutz, 1998, Astrophys. J. Letters, **496**, L113–L116; Erratum: **504**, L55

102. **Envelope structure on 700 AU scales and the molecular outflows of low–mass young stellar objects**
M.R. Hogerheijde, Ewine F. van Dishoeck, G.A. Blake, and H.J. van Langevelde 1998, Astrophys. J., **502**, 315–336

103. **Sub–arcsec imaging at 267 GHz of a young binary system: detection of a dust disk of radius less than 70 AU around T Tauri N**
M.R. Hogerheijde, H.J. van Langevelde, L.G. Mundy, G.A. Blake and Ewine F. van Dishoeck, 1997, Astrophys. J. Letters, **490**, L99–L102

104. **Molecular cloud structure in the Magellanic Clouds: effect of metallicity**
S. Pak, D.T. Jaffe, Ewine F. van Dishoeck, L.E.B. Johansson and R.S. Booth 1998, Astrophys. J., **498**, 795–756

105. **Detection of abundant CO_2 ice in the quiescent dark cloud medium toward Elias 16**
D.C.B. Whittet, P.A. Gerakines, A.G.G.M. Tielens, A.J. Adamson, A.C.A. Boogert, J.E. Chiar, Th. de Graauw, P. Ehrenfreund, T. Prusti, W.A. Schutte, B. Vandenbussche, and Ewine F. van Dishoeck, 1998, Astrophys. J. Letters, **498**, L159–L162

106. **Chemical evolution of star–forming regions**
Ewine F. van Dishoeck and G.A. Blake, 1998, Ann. Rev. Astron. Astrophys., **36**, 317–368

107. **What can ISO tell us about gas-grain chemistry?**
Ewine F. van Dishoeck, 1998, 'Chemistry and physics of molecules and grains in space', Faraday Discussions, **109**, 31–46

108. **The ISO-SWS 2.4 – 45.2 μm spectrum toward Orion IRc2**
Ewine F. van Dishoeck, C.M. Wright, J. Cernicharo, E. González-Alfonso, Th. de Graauw, F.P. Helmich, and B. Vandenbussche, B. 1998, Astrophys. J. Letters, **502**, L173–L176

109. **Radiative transfer models of emission and absorption in the H_2O 6 μm vibration-rotation band toward Orion BN-KL**
E. González-Alfonso, J. Cernicharo, Ewine F. van Dishoeck, C.M. Wright, and A.M. Heras, 1998, Astrophys. J. Letters, **502**, L169–L172

110. **ISO–LWS detection of the 112 μm HD 0–0 R(0) line toward the Orion Bar**
C.M. Wright, Ewine F. van Dishoeck, P. Cox, S. Sunil and M.F. Kessler, 1999, Astrophys. J. Letters, **515**, L29–L33; *Leiden/ESA press release*

111. **Envelope structure of deeply embedded young stellar ojects in the Serpens molecular cloud**
M.R. Hogerheijde, Ewine F. van Dishoeck, J.M Salverda, and G.A. Blake, 1999, Astrophys. J., **513**, 350–369

112. **ISO spectroscopy of circumstellar dust in the Herbig Ae systems AB Aur and HD 163296**
M.E. van den Ancker, J. Bouwman, P.R. Wesselius, L.B.F.M. Waters, S.M. Dougherty and Ewine F. van Dishoeck, 2000, Astron. Ap. , **357**, 325–329

113. **Weak ice absorption features at 7.24 and 7.41 μm in the spectrum of the obscured young stellar object W 33A**
W.A. Schutte, A.C.A. Boogert, A.G.G.M. Tielens, D.C.B. Whittet, P.A. Gerakines, J.E. Chiar, P. Ehrenfreund, J.M. Greenberg, Ewine F. van Dishoeck and Th. de Graauw, 1999, Astron. Ap., **343**, 966–976

114. **ISO-SWS observations of interstellar solid $^{13}CO_2$: heated ice and the Galactic $^{12}C/^{13}C$ ratio**
A.C.A. Boogert, P. Ehrenfreund, P.A. Gerakines, A.G.G.M. Tielens, D.C.B. Whittet, W.A. Schutte, Ewine F. van Dishoeck, Th. de Graauw, L. Decin and T. Prusti, 2000, Astron. Ap., **353**, 349–362

115. **Far-infrared and submillimeter observations and physical models of the reflection nebula Cederblad 201**
C. Kemper, M. Spaans, D.J. Jansen, M.R. Hogerheijde, Ewine F. van Dishoeck, and A.G.G.M. Tielens, 1999, Astrophys. J., **515**, 649–656

116. **Constraints on the abundance of solid O_2 in dense clouds from ISO-SWS and ground-based observations**
B. Vandenbussche, P. Ehrenfreund, A.C.A. Boogert, Ewine F. van Dishoeck, W.A. Schutte, P.A. Gerakines, J. Chiar, A.G.G.M. Tielens, J. Keane, D.C.B. Whittet, M. Breitfellner and M. Burgdorf, 1999, Astron. Ap. Letters, **346**, L57–L60

117. **ISO-SWS observations of solid carbon dioxide in molecular clouds**
P.A. Gerakines, D.C.B. Whittet, P. Ehrenfreund, A.C.A. Boogert, A.G.G.M. Tielens, W.A. Schutte, J.E. Chiar, Ewine F. van Dishoeck, T. Prusti, F.P. Helmich and Th. de Graauw, 1999, Astrophys. J., **522**, 357–377; erratum **526**, 1062

118. **ISO–SWS observations of pure rotational H_2O absorption lines toward Orion–IRc2**
C.M. Wright, Ewine F. van Dishoeck, H. Feuchtgruber, J. Cernicharo, E. González-Alfonso, J.H. Black, Th. de Graauw, 2000, Astron. Ap., **358**, 689–700

119. **The impact of the massive young star GL 2591 on its circumstellar material: temperature, density and velocity structure**
F.F.S. van der Tak, Ewine F. van Dishoeck, N.J. Evans II, E.J. Bakker and G.A. Blake, 1999, Astrophys. J., **522**, 991–1010

120. **Detection of H_2 pure rotational line emission from the GG Tau binary system**
W.F. Thi, Ewine F. van Dishoeck, G.A. Blake, G.J. van Zadelhoff, M.R. Hogerheijde, 1999, Astrophys. J. Letters, **521**, L63–L66

121. **Detection of interstellar H_2D^+ emission**
R. Stark, F.F.S. van der Tak and Ewine F. van Dishoeck, 1999, Astrophys. J. Letters, **521**, L67–L70

122. **ISOCAM spectro-imaging of the H_2 rotational lines in the supernova remnant IC 443**
D. Cesarsky, P. Cox, G. Pineau des Forêts, Ewine F. van Dishoeck, F. Boulanger and C.M. Wight, 1999, Astron. Ap., **348**, 945–949

123. **ISO spectroscopy of shocked gas in the vicinity of T Tauri**
M.E. van den Ancker, P.R. Wesselius, A.G.G.M. Tielens, Ewine F. van Dishoeck and L. Spinoglio, 1999, Astron. Ap., **348**, 877–887

124. **ISO-SWS spectroscopy of gas-phase C_2H_2 and HCN toward massive YSOs**
F. Lahuis and Ewine F. van Dishoeck, 2000, Astron. Ap., **355**, 699–712

125. **Laboratory studies of thermally processed H_2O-CH_3OH-CO_2 ice mixtures and their astrophysical implications**
P. Ehrenfreund, O. Kerkhof, W.A. Schutte, A.C.A. Boogert, P. Gerakines, E. Dartois, L. d'Hendecourt, A.G.G.M. Tielens, Ewine F. van Dishoeck, and D.C.B. Whittet, 1999, Astron. Ap., **350**, 240–253

126. **Structure and evolution of the envelopes of deeply embedded massive young stars**
F.F.S. van der Tak, Ewine F. van Dishoeck, N.J. Evans, and G.A. Blake, 2000, Astrophys. J., **537**, 283–303

127. **An inventory of interstellar ices toward the embedded protostar W 33A**
E. Gibb, D.C.B. Whittet, W.A. Schutte, A.C.A. Boogert, J.E. Chiar, P. Ehrenfreund, P.A. Gerakines, J.V. Keane, A.G.G.M. Tielens, Ewine F. van Dishoeck and O. Kerkhof, 2000, Astrophys. J., **536**, 347–356

128. **Far-infrared apectroscopy of FU Ori Objects: ISO-LWS Observations**
D. Lorenzetti and 14 co-authors, including Ewine F. van Dishoeck, 2000, Astron. Ap., **357**, 1035–1044

129. **Infrared observations of hot gas and cold ice toward the low-mass protostar Elias 29**
A.C.A. Boogert, C. Ceccarelli, A.G.G.M. Tielens, Ewine F. van Dishoeck, J.V. Keane, A.M.S. Boonma, D.C.B. Whittet and Th. de Graauw, 2000, Astron. Ap., **360**, 683–698

130. **The composition and distribution of dust along the line of sight toward the Galactic Center**
J.E. Chiar, A.G.G.M. Tielens, D.C.B. Whittet, W.A. Schutte, A.C.A. Boogert, D. Lutz, Ewine F. van Dishoeck, and M.P. Bernstein, 2000, Astrophys. J., **537**, 749–762

131. **Detection of interstellar CH_3**
H. Feuchtgruber, F.P. Helmich, Ewine F. van Dishoeck, and C.M. Wright, 2000, Astrophysical J., **535**, L111–L114; *ESA press release*

132. **Limits on the cosmic-ray ionization rate toward massive young stars**
F.F.S. van der Tak and Ewine F. van Dishoeck, 2000, Astron. Ap., **358**, L79–L82

133. **Abundance profiles of CH_3OH and H_2CO toward massive young stars as tests of gas-grain chemical models**
F.F.S. van der Tak, Ewine F. van Dishoeck and P. Caselli, 2000, Astron. Ap., **361**, 327–339

134. **Spectral energy distributions of passive T Tauri and Herbig Ae disks: grain mineralogy, parameter dependences and comparison with ISO-LWS observations**
E.I. Chiang, M.K. Young, M.J. Creech-Eakman, C. Qi, J.E. Kessler, G.A. Blake and Ewine F. van Dishoeck, 2001, Astrophys. J., **547**, 1077–1089

135. **H_2 and CO emission from disks around T Tauri and Herbig Ae pre-main sequence stars and from debris disks around young stars: warm and cold circumstellar gas**
W.F. Thi, Ewine F. van Dishoeck, G.A. Blake, G.J. van Zadelhoff, J. Horn, E.E. Becklin, V. Mannings, A.I. Sargent, M.E. van den Ancker, and A. Natta, 2001, Astrophys. J., **561**, 1074–1094

136. **Substantial reservoirs of molecular gas in the debris disks around young stars**
W.F. Thi, G.A. Blake, Ewine F. van Dishoeck, G.J. van Zadelhoff, J. Horn, E.E. Becklin, V. Mannings, A.I. Sargent, M.E. van den Ancker, and A. Natta, 2001, Nature, **409**, 60–63 *ESA press release*

137. **Submillimeter lines from circumstellar disks around pre-main sequence stars**
G.J. van Zadelhoff, Ewine F. van Dishoeck, W.F. Thi and G.A. Blake, 2001, Astron. Ap., **377**, 566–580

138. **The abundance and emission of H_2O and O_2 in clumpy molecular clouds**
M. Spaans and Ewine F. van Dishoeck, Astrophys. J. Letters, 2001, **548**, L217–L220

139. **Highly abundant HCN in the inner hot envelope of GL 2591: probing the birth of a hot core?**
A.M.S. Boonman, R. Stark, F.F.S. van der Tak, Ewine F. van Dishoeck, P.B. van der Wal, F. Schäfer, G. de Lange, W.M. Laauwen, 2001, Astrophys. J. Letters, **553**, L63–L67

140. **Gas-phase SO_2 in absorption towards massive protostars**
Keane, J.V., Boonman, A.M.S., Tielens, A.G.G.M., van Dishoeck, E.F. 2001, Astron. Astrophys., **376**, L5–L8

141. **Photon–dominated regions in low UV fields: a study of the peripheral regions of L1204 / S140**
W. Li, N.J. Evans, D.T. Jaffe, Ewine F. van Dishoeck and W.F. Thi, 2002, Astrophys. J., **568**, 242–258

142. **ISO-LWS Spectra of T Tauri and Herbig AeBe stars**
M.J. Creech-Eakman, E.I. Chiang, R.M.K. Joung, G.A. Blake, G. A. and Ewine F. van Dishoeck 2002, Astron. Astrophys., **385**, 546–562

143. **Sticking of H atoms on ices: dependence on incidence angle and temperature**
A. Al-Halabi, A. Kleyn, Ewine F. van Dishoeck and G.J. Kroes, 2002, J. Phys. Chem. B, **106**, 6515–6522

144. **The environment and nature of the Class I protostar Elias 29: Molecular gas observations and the location of ices**
A.C.A. Boogert, M.R. Hogerheijde, C. Ceccarelli, A.G.G.M. Tielens, Ewine F. van Dishoeck, G.A. Blake, W.B. Latter, and F. Motte, 2002, Astrophys. J., **570**, 708–723

145. **CO and H_2O vibrational emission toward Orion Peak 1 and Peak 2**
E. GonzœNalez-Alfonso, C.M. Wright, J. Cernicharo, D. Rosenthal, A.M.S. Boonman, and Ewine F. van Dishoeck, 2002, Astron. Astrophys., **386**, 1074–1102

146. **Warm molecular layers in protoplanetary disks**
Y. Aikawa, Y., G.J. van Zadelhoff, Ewine F. van Dishoeck, and E. Herbst, 2002, Astron. Astrophys., **386**, 622–632

147. **Physical structure and CO abundance of low-mass protostellar envelopes**
J.K. Jørgensen, F.L. Schöier, and Ewine F. van Dishoeck, 2002, Astron. Astrophys., **389**, 908–930

148. **Chemistry as a probe of the structures and evolution of massive star-forming regions**
S.D. Doty, Ewine F. van Dishoeck, F.F.S. van der Tak, and A.M.S. Boonman, 2002, Astron. Astrophys., **389**, 446–463

149. **Does IRAS 16293-2422 have a hot core? Chemical inventory and abundance changes in its protostellar environment**
F.L. Schöier, J.K. Jørgensen, Ewine F. van Dishoeck, and G.A. Blake, 2002, Astron. Astrophys., **390**, 1001–1021

150. **Bright CO ro-vibrational emission lines in the class I source GSS 30 IRS1. Probing the inner disk of a young embedded star?**
K.M. Pontoppidan, F.L. Schöier, Ewine F. van Dishoeck, and E. Dartois, 2002, Astron. Astrophys., **393**, 585–595

151. **Combined VLT ISAAC/ISO SWS spectroscopy of two protostellar sources. The importance of minor solid state features**
E. Dartois, L. d'Hendecourt, W.F. Thi, K.M. Pontoppidan , and Ewine F. van Dishoeck, 2002, Astron. Astrophys., **394**, 1057–1068

152. **The young intermediate-mass stellar object AFGL 490 – a disk surrounded by a cold envelope**
K. Schreyer, Th. Henning, F.F.S. van der Tak, A.M.S. Boonman, and Ewine F. van Dishoeck, 2002, Astron. Astrophys., **394**, 561–583

153. **Detection of abundant solid CO in the disk around CRBR 2422.8-3423**
W.F. Thi, K.M. Pontoppidan, Ewine F. van Dishoeck, E. Dartois, and L. d'Hendecourt, 2002, Astron. Astrophys., **394**, L27–L30

154. **Gas-phase CO_2, C_2H_2 and HCN toward Orion-KL**
A.M.S. Boonman, Ewine F. van Dishoeck, F. Lahuis, S.D. Doty, C.M. Wright, and D. Rosenthal, 2003, Astron. Astrophys., **399**, 1047–1061

155. **Detection of DCO^+ in a circumstellar disk**
Ewine F. van Dishoeck, W.F. Thi, and G.J. van Zadelhoff, 2003, Astron. Astrophys. Letters, **400**, L1–L4

156. **Axi-symmetric models of ultraviolet radiative transfer with applications to circumstellar disk chemistry**
G.J. van Zadelhoff, Y. Aikawa, M.R. Hogerheijde, and Ewine F. van Dishoeck, 2003, Astron. Astrophys., **397**, 789–802

157. **Interferometric observations of formaldehyde in the protoplanetary disk around LkCa15**
Y. Aikawa, M. Momose, W.F. Thi, G.J. van Zadelhoff, C. Qi, G.A. Blake, and Ewine F. van Dishoeck, 2003, Pub. Astron. Soc. Japan, **55**, 11–15

158. **Line emission from circumstellar disks around A stars**
I. Kamp, G.J. van Zadelhoff, Ewine F. van Dishoeck, and R. Stark, 2003, Astron. Astrophys., **397**, 1129–1141

159. **Gas-phase CO_2 toward massive protostars**
A.M.S. Boonman, Ewine F. van Dishoeck, F. Lahuis and S.D. Doty, 2003, Astron. Astrophys., **399**, 1063–1072

160. **Revisiting the solid HDO/H_2O abundances**
E. Dartois, W.-F. Thi, T.R. Geballe, D. Deboffle, L. d'Hendecourt, and Ewine F. van Dishoeck, 2003, Astron. Astrophys., **399**, 1009–1020

161. **Stringent upper limits to the solid NH_3 abundance towards W 33A from near-IR spectroscopy with the Very Large Telescope**
I.M. Taban, W.A. Schutte, K.M. Pontoppidan and Ewine F. van Dishoeck, 2003, Astron. Astrophys., **399**, 169–175

162. **Detection of abundant solid methanol toward young low mass stars**
K.M. Pontoppidan, E. Dartois, Ewine F. van Dishoeck, W.-F. Thi, and L. d'Hendecourt, 2003, Astron. Astrophys., **404**, L17–L20

163. **Abundant gas-phase H_2O in absorption toward massive protostars**
A.M.S. Boonman and Ewine F. van Dishoeck, 2003, Astron. Astrophys., **403**, 1003–1010

164. **Further evidence for chemical fractionation from ultraviolet observations of carbon monoxide**
S.R. Federman, D.L. Lambert, Y. Sheffer, J.A. Cardelli, B.-G. Andersson, Ewine F. van Dishoeck, and J. Zsargó, 2003, Astrophys. J., **591**, 986–999

165. **Modeling gas-phase H_2O between 5 μm and 540μm toward massive protostars**
A.M.S. Boonman, S.D. Doty, Ewine F. van Dishoeck, E.A. Bergin, G.J. Melnick, C.M. Wright, and R. Stark, 2003, Astron. Astrophys., **406**, 937–955

166. **From molecular cores to planet-forming disks: An SIRTF Legacy Program**
N.J. Evans, L.E. Allen, G.A. Blake, and 15 co-authors including Ewine F. van Dishoeck, 2003, Pub. Astron. Soc. Pac., **115**, 965–980.

167. **A 3–5 μm VLT spectroscopic survey of embedded young low mass stars. I. Structure of the CO ice**
K.M. Pontoppidan, H. Fraser, E. Dartois, W.-F. Thi, Ewine F. van Dishoeck, A.C.A. Boogert, L. d'Hendecourt, A.G.G.M. Tielens, and S.E. Bisschop, 2003, Astron. Astrophys., **408**, 981–1007

168. **Disks around the young stars TW Hydrae and HD 100546 imaged at 3.4 millimeters with the Australia Telescope Compact Array**
D.J. Wilner, T.L. Bourke, C.M. Wright, J.K. Jørgensen, Ewine F. van Dishoeck, and T. Wong, 2003, Astrophys. J., **596**, 597–602

169. **Sulphur chemistry in the envelopes of massive young stars**
F.F.S. van der Tak, A.M.S. Boonman, R. Braakman, and Ewine F. van Dishoeck, 2003, **412**, 133–145

170. **Astrochemistry of submillimeter sources in Orion. Studying the variations of molecular tracers with changing physical conditions**
D. Johnstone, A.M.S. Boonman, and Ewine F. van Dishoeck, 2003, Astron. Astrophys., **412**, 157–174

171. **Formation of a CO-CH_4 complex in thin solid films below 50 K**
W. Alsindi, D.O. Gardner, Ewine F. van Dishoeck, and H.J. Fraser, 2003, Chem. Phys. Lett., **378**, 178

172. **Sticking of hyperthermal CO to the (0001) face of crystalline ice**
A. Al-Halabi, A.W. Kleyn, Ewine F. van Dishoeck, M.C. van Hemert, and G.J. Kroes, 2003, J. Phys. Chem. A, **107**, 10615

173. **The structure of the NGC 1333-IRAS2 protostellar system on 500 AU scales: an infalling envelope, a circumstellar disk, multiple outflows, and chemistry**
J.K. Jørgensen, M.R. Hogerheijde, Ewine F. van Dishoeck, G.A. Blake, and F.L. Schöier, 2004, Astron. Astrophys., **413**, 993–1007

174. **Cosmic ray induced explosive chemical desorption in dense clouds**
C.-J. Shen, J.M. Greenberg, W.A. Schutte, and Ewine F. van Dishoeck, 2004, Astron. Astrophys., **415**, 203–215

175. **The impact of shocks on the chemistry of molecular clouds: high resolution images of chemical differentiation along the NGC 1333-IRAS 2A outflow**
J.K. Jørgensen, M.R. Hogerheijde, G.A. Blake, Ewine F. van Dishoeck, L.G. Mundy, and F.L. Schöier, 2004, Astron. Astrophys., **415**, 1021–1037

176. **The H_2CO abundance in the inner warm regions of low-mass protostellar envelopes**
S. Maret, C. Ceccarelli, E. Caux, A.G.G.M. Tielens, J.K. Jørgensen, Ewine F. van Dishoeck, and 6 co-authors, 2004, Astron. Astrophys., **416**, 577–594

177. **Molecular inventories and chemical evolution of low-mass protostellar envelopes**
J.K. Jørgensen, F.L. Schøier, and Ewine F. van Dishoeck, 2004, Astron. Astrophys., **416**, 603–622

178. **On the origin of H_2CO abundance enhancements in low-mass protostars**
F.L. Schöier, J.K. Jørgensen, Ewine F. van Dishoeck, and G.A. Blake, 2004, Astron. Astrophys., **418**, 185–202

179. **Physical-chemical modeling of the low-mass protostar IRAS 16293-2422**
S.D. Doty, F.L. Schöier, and Ewine F. van Dishoeck, 2004, Astron. Astrophys., **418**, 1021–1034

180. **The gas temperature in the surface layers of disks around pre-main sequence stars**
B. Jonkheid, G.J. van Zadelhoff, F. Faas and Ewine F. van Dishoeck, 2004, Astron. Astrophys., **428**, 511–521

181. **ISO spectroscopy of gas and dust: from molecular clouds to protoplanetary disks**
Ewine F. van Dishoeck, 2004, Ann. Rev. Astron. Astrophys., **42**, 119–167

182. **Probing the early stages of low-mass star formation in LDN 1689N: dust and water in IRAS 16293-2422A, B, and E**
R. Stark, G. Sandell, S.C. Beck, M.R. Hogerheijde, Ewine F. van Dishoeck, P. van der Wal, F.F.S. van der Tak, F. Schfer, G.J. Melnick, M.L.N. Ashby, and G. de Lange, 2004, Astrophys. J., **608**, 341–364

183. **A 'starless' core that isn't: detection of a source in the L1014 dense core with the Spitzer Space Telescope**
C.H. Young, J.K. Jørgensen, Y.L. Shirley, and 27 co-authors including Ewine F. van Dishoeck, 2004, Astrophys. J. Suppl., **154**, 396–401

184. **Spitzer Space Telescope spectroscopy of ices toward low-mass embedded protostars**
A. Boogert, K. Pontoppidan, F. Lahuis, and 23 co-authors including Ewine F. van Dishoeck, 2004, Astrophys. J. Suppl., **154**, 359–362

185. **A new look at stellar outflows: Spitzer observations of the Herbig-Haro 46/47 system**

A. Noriega-Crespo, P. Morris, F.R. Marleau, and 11 co-authors including Ewine F. van Dishoeck, 2004, Astrophys. J. Suppl., **154**, 352–358

186. **Adsorption of CO in amorphous water-ice surfaces**
A. Al-Halabi, H.J. Fraser, G.J. Kroes and Ewine F. van Dishoeck, 2004, Astron. Astrophys., **422**, 777–791

187. **Sticking of CO to crystalline and amorphous ice surfaces**
A. Al-Halabi, Ewine F. van Dishoeck, and G.J. Kroes, 2004, J. Chem. Phys., **120**, 13358–

188. **Influence of UV radiation from a massive YSO on the chemistry of its envelope**
P. Stäuber, S.D. Doty, Ewine F. van Dishoeck, J.K. Jørgensen, and A.O. Benz, 2004, Astron. Astrophys., **425**, 577–589

189. **Organic molecules in protoplanetary disks around T Tauri and Herbig Ae stars**
W.F. Thi, G.-J. van Zadelhoff, and Ewine F. van Dishoeck, 2004, Astron. Astrophys., **425**, 955–972

190. **Mapping ices in protostellar environments on 1000 AU scales. Methanol-rich ice in the envelope of Serpens SMM 4**
K.M. Pontoppidan, Ewine F. van Dishoeck and E. Dartois, 2004, Astron. Astrophys., **426**, 925–940

191. **HDO abundance in the envelope of the solar-type protostar IRAS 16293-2422**
B. Parise and 14 co-authors, including Ewine F. van Dishoeck, 2005, Astron. Astrophys., **431**, 547–554

192. **Probing the surfaces of interstellar dust grains: the adsorption of CO at bare grain surfaces**
H.J. Fraser, S.E. Bisscop, K.M. Pontoppidan, A.G.G.M. Tielens, and Ewine F. van Dishoeck, 2005, MNRAS, **356**, 1283–1292

193. **Competition between CO and N_2 desorption from interstellar ices**
K. Öberg, F.A. van Broekhuizen, H.J. Fraser, S.E. Bisschop, Ewine F. van Dishoeck and S. Schlemmer, 2005, Astrophys. J., **621**, L33–L36

194. **An atomic and molecular database for analysis of submillimetre line observations**
F.L. Schöier, F.F.S. van der Tak, Ewine F. van Dishoeck, and J.H. Black, 2005, Astron. Astrophys., **432**, 369–379

195. **Ices in the edge-on disk CRBR 2422.8-3423: Spitzer spectroscopy and Monte Carlo radiative transfer modeling**
K.M. Pontoppidan, C.P. Dullemond, Ewine F. van Dishoeck, G.A. Blake, A.C.A. Boogert, N.J. Evans, J. Kessler-Silacci, F. Lahuis, 2005, Astrophys. J., **622**, 463–481; *NASA press release*

196. **Molecular freeze-out as a tracer of the thermal and dynamical evolution of pre- and protostellar cores**
J.K. Jørgensen, F.L. Schöier, and Ewine F. van Dishoeck, 2005, Astron. Astrophys., **435**, 177–182

197. **H_2CO and CH_3OH abundances in the envelopes around low-mass protostars**
J.K. Jørgensen, F.L. Schöier, and Ewine F. van Dishoeck, 2005, Astron. Astrophys., **437**, 501–515

198. **The Spitzer c2d Survey of large, nearby, interstellar clouds. I. Chamaeleon II Observed with MIPS**
K.E. Young and 22 co-authors, including Ewine F. van Dishoeck, 2005, Astrophys. J., **628**, 283–297

199. **X-ray chemistry in the envelopes around young stellar objects**
P. Stäuber, S.D. Doty, Ewine F. van Dishoeck and A.O. Benz, 2005, Astron. Astrophys., **440**, 949–966

200. **Photodissociation of water in crystalline ice: a molecular dynamics study**
S. Andersson, G.J. Kroes and Ewine F. van Dishoeck, 2005, Chem. Phys. Lett., **408**, 415–421

201. **Protostellar holes: Spitzer Space Telescope observations of the protostellar binary IRAS 16293-2422**
J.K. Jørgensen, F. Lahuis, F.L. Schöier, Ewine F. van Dishoeck, G.A. Blake, A.C.A. Boogert, C.P. Dullemond, N.J. Evans, J.E. Kessler-Silacci, K.M. Pontoppidan, 2005, Astrophys. J. Letters, **631**, L77–81

202. **A 3-5 μm VLT spectroscopic survey of embedded young low mass stars II. Solid OCN^-**
F.A. van Broekhuizen, K.M. Pontoppidan, H.J. Fraser, and Ewine F. van Dishoeck, 2005, Astron. Astrophys., **441**, 249–260

203. **Probing the inner 200 AU of low-mass protostars with the Submillimeter Array: dust and organic molecules in NGC 1333 IRAS 2A**
J.K. Jørgensen, T.L. Bourke, P.C. Myers, F.L Schöier, Ewine F. van Dishoeck, and D.J. Wilner, 2005, Astrophys. J., **632**, 973–981

204. **Spitzer mid-infrared spectroscopy of ices toward extincted background stars**
C. Knez, A.C.A. Boogert, K.M. Pontoppidan, J. Kessler-Silacci, Ewine F. van Dishoeck, N.J. Evans, J.C. Augereau, G.A. Blake, and F. Lahuis, 2005, Astrophys. J. Letters, **635**, L145–148

205. **Hot organic molecules toward a young low-mass star: a look at inner disk chemistry**
F. Lahuis, Ewine F. van Dishoeck, A.C.A. Boogert, K.M. Pontoppidan, G.A. Blake, C.P. Dullemond, N.J. Evans, M.R. Hogerheijde, J.K. Jørgensen, J.E. Kessler-Silacci, and C. Knez, 2006, Astrophys. J. Letters, **636**, L145–148; *NASA press release*

206. **Photoprocesses in protoplanetary disks**
Ewine F. van Dishoeck, B. Jonkheid and M.C. van Hemert, Faraday Discussions, **133**, 231–243; *cover image*

207. **Comparative studies of O_2 and N_2 in pure, mixed and layered CO ices**
G.W. Fuchs, K. Acharyya, S.E. Bisschop, K.I. Öberg, F.A. van Broekhuizen, H.J. Fraser, S. Schlemmer, Ewine F. van Dishoeck, H. Linnartz, 2006, Faraday Discussions, **133**, 331–345

208. **Photodissociation of water ice**
S. Andersson, A. Al-Halabi, G.J. Kroes and Ewine F. van Dishoeck, 2006, J. Chem. Phys., **124**, 64715-1–14

209. **c2d Spitzer IRS spectra of disks around T Tauri stars. I. Silicate emission and grain growth**
J. Kessler-Silacci, J.C. Augereau, C.P. Dullemond, V. Geers, F. Lahuis, N.J. Evans, Ewine F. van Dishoeck, G.A. Blake, A.C.A. Boogert, J. Brown, J.K. Jørgensen, C. Knez and K.M. Pontoppidan, 2006, Astrophys. J., **639**, 275–291

210. **VLT-ISAAC 3-5 μm spectroscopy of embedded young low-mass stars. III. Intermediate-mass sources in Vela**
W.-F. Thi, Ewine F. van Dishoeck, E. Dartois, K.M. Pontoppidan, W.A. Schutte, P. Ehrenfreund, L. d'Hendecourt, and H.J. Fraser, 2006, Astron. Astrophys., **449**, 251–265

211. **The effect of a strong external radiation field on protostellar envelopes in Orion**
J.K. Jørgensen, D. Johnstone, Ewine F. van Dishoeck, and S.D. Doty, 2006, Astron. Astrophys., **449**, 609–619

212. **Desorption rates and sticking coefficients for CO and N_2 interstellar ices**
S.E. Bisschop, H.J. Fraser, K.I. Öberg, Ewine F. van Dishoeck, and S. Schlemmer, 2006, Astron. Astrophys., **449**, 1297–1309

213. **Infrared spectroscopy of solid CO-CO_2 mixtures and layers**
F.A. van Broekhuizen, I.M.N. Groot, H.J. Fraser, Ewine F. van Dishoeck, and S. Schlemmer, 2006, Astron. Astrophys., **451**, 723–731

214. **The Spitzer c2d survey of large, nearby, insterstellar clouds. II. Serpens observed with IRAC**
P.M. Harvey, N. Chapman, S-P. Lai, N.J. Evans, and 16 co-authors including Ewine F. van Dishoeck, 2006, Astrophys. J., **604**, 307–325

215. **Diffuse far-ultraviolet observations of the Taurus region**
D.-H. Lee, I.-S. Yuk, H. Jin, K.-I. Seon, J. Edelstein, E. Korpela, J. Adolfo, K.-W. Min, K.-S. Ryu, J.-H. Shinn, and Ewine F. van Dishoeck, 2006, Astrophys. J. Letters, **644**, L181–L184

216. **Molecular hydrogen fluorescence in the Eridanus superbubble**
K. Ryu, K.-W. Min, J.-W. Park, D.-H. Lee, W. Han, U.-W. Nam, J.-H. Park, J. Edelstein, E.J. Korpela, K. Nishikida, and Ewine F. van Dishoeck, 2006, Astrophys. J. Letters, **644**, L185–L188

217. **Modeling the gas-phase chemistry of the transitional disk around HD 141569A**
B. Jonkheid, I. Kamp, J.-C. Augereau, and Ewine F. van Dishoeck, 2006, Astron. Astrophys., **453**, 163–171

218. **Water destruction by X-rays in young stellar objects**
P. Stäuber, J.K. Jørgensen, Ewine F. van Dishoeck, S.D. Doty, and A.O. Benz, 2006, Astron. Astrophys., **453**, 555–565

219. **Astrochemical confirmation of the rapid evolution of massive YSOs and explanation for the inferred ages of hot cores**
S.D. Doty, Ewine F. van Dishoeck, and J.C. Tan, 2006, Astron. Astrophys., **454**, L5–L8

220. **The Spitzer c2d survey of large, nearby, interstellar clouds. III. Perseus observed with IRAC**
J.K. Jørgensen, P.M. Harvey, N.J. Evans, and 19 co-authors including Ewine F. van Dishoeck, 2006, Astrophys. J., **645**, 1246–1263

221. **The Spitzer c2d survey of weak-line T Tauri stars. I. Initial results**
D.L. Padgett, L. Cieza, K.R. Stapelfeldt, and 17 co-authors including Ewine F. van Dishoeck, 2006, Astrophys. J., **645**, 1283–1296

222. **Warm molecular gas in the envelope and outflow of IRAS 12496-7650 (DK Chamaeleontis)**
T.A. van Kempen, M.R. Hogerheijde, Ewine F. van Dishoeck, R. Güsten, P.Schilke, and L.-Å. Nyman, 2006, Astron. Astrophys., **454**, L75–L78

223. **The water vapor abundance in Orion KL outflows**
J. Cernicharo, J.R. Goicoechea, F. Daniel, M.R. Lerate, M.J. Barlow, B.M. Swinyard, Ewine F. van Dishoeck, T.L. Lim, S. Viti, and J. Yates, 2006, Astrophys. J. Letters, **649**, L33–L36

224. **c2d Spitzer-IRS spectra of disks around T Tauri stars. II. PAH emission features**
V.C. Geers, J.-C. Augereau, K.M. Pontoppidan, C.P. Dullemond, R. Visser, J.E. Kessler-Silacci, N.J. Evans, Ewine F. van Dishoeck, G.A. Blake, A.C.A. Boogert, J.M. Brown, F. Lahuis, and B. Merín, 2006, Astron. Astrophys., **459**, 545–556

225. **SCUBA mapping of Spitzer c2d small clouds and cores**
C.H. Young, T.L. Bourke, K.E. Young, N.J. Evans, J. Jørgensen, Y.L. Shirley, Ewine F. van Dishoeck, and M. Hogerheijde, 2006, Astronomical Journal, **132**, 1998–2013

226. **Tracing high energy radiation with molecular lines near deeply embedded protostars**
P. Stäuber, A.O. Benz, J.K. Jørgensen, Ewine F. van Dishoeck, S.D. Doty, and F.F.S. van der Tak, 2007, Astron. Astrophys., **466**, 977–988

227. **Modeling Spitzer observations of VV Ser. I. The circumstellar disk of a UX Orionis star**
K.M. Pontoppidan, C.P. Dullemond, G.A. Blake, A.C.A. Boogert, Ewine F. van Dishoeck, N.J. Evans, J. Kessler-Silacci, and F. Lahuis, 2007, Astrophys. J., **656**, 980–990

228. **Investigating grain growth in disks around southern T Tauri stars at millimetre wavelengths**
D. Lommen, C.M. Wright, S.T. Maddison, J.K. Jørgensen, T.L. Bourke, Ewine F. van Dishoeck, A. Hughes, D.J. Wilner, M. Burton, and H.J. van Langevelde, 2007, Astron. Astrophys., **462**, 211–220

229. **Searching for gas-rich disks around T Tauri stars in Lupus**
T.A. van Kempen, Ewine F. van Dishoeck, C. Brinch, and M.R. Hogerheijde, 2007, Astron. Astrophys., **461**, 983–990

230. **Effects of CO_2 on H_2O band profiles and band strengths in mixed H_2O:CO_2 ices**
K.I. Öberg, H.J. Fraser, A.C.A. Boogert, S.E. Bisschop, G.W. Fuchs, Ewine F. van Dishoeck, and H. Linnartz, 2007, Astron. Astrophys., **462**, 1187–1198

231. **Ultraviolet excited high$-J$ molecular hydrogen in photodissociation regions**
D.H. Lee, S. Pak, W. Dixon-van Dyke, and Ewine F. van Dishoeck, 2007, Astrophys. J., **655**, 940–945

232. **The Spitzer c2d Survey of nearby dense cores: IV. Revealing the embedded cluster in B59**
T.Y. Brooke, T.L. Huard, T.L. Bourke, and 21 co-authors including Ewine F. van Dishoeck, 2007, Astrophys. J., **655**, 364–374

233. **The Spitzer c2d survey of large, nearby, interstellar clouds. V. Chamaeleon II observed with IRAC**
A. Porras, J.K. Jørgensen, L.E. Allen, and 19 co-authors including Ewine F. van Dishoeck, 2007, Astrophys. J., **656**, 493–504

234. **Chemistry and line emission from evolving Herbig Ae disks**
B. Jonkheid, C.P. Dullemond, M.R. Hogerheijde, and Ewine F. van Dishoeck, 2007, Astron. Astrophys., **463**, 203–216

235. **Probing protoplanetary disks with silicate emission: where is the silicate emission zone?**
J.E. Kessler-Silacci, C.P. Dullemond, J.-C. Augereau, B. Merín, V.C. Geers, Ewine F. van Dishoeck, N.J. Evans, G.A. Blake, and J.M. Brown, 2007, Astrophys. J., **659**, 680–684

236. **Testing grain-surface chemistry in massive hot-core regions**
S.E. Bisschop, J.K. Jørgensen, E.B.M. de Wachter and Ewine F. van Dishoeck, 2007, Astron. Astrophys., **465**, 913–929

237. **Abundant crystalline silicates in the disk of a very low mass star**
B. Merín, J.-C. Augereau, Ewine F. van Dishoeck, J. Kessler-Silacci, C.P. Dullemond, G.A. Blake, F. Lahuis, J.M. Brown, V.C. Geers, K.M. Pontoppidan, F. Comerón, A. Frasca, S. Guieu, J.M. Alcalá, A.C.A. Boogert, N.J. Evans, P. D'Alessio, L.G. Mundy, and N. Chapman, 2007, Astrophys. J., **661**, 361–367

238. **Cold disks: Spitzer IRS spectroscopy of disks around young stars with large gaps**
J.M. Brown, G.A. Blake, C.P. Dullemond, B. Merín, J.-C. Augereau, N.J. Evans, V.C. Geers, F. Lahuis, J.E. Kessler-Silacci, K.M. Pontoppidan and Ewine F. van Dishoeck, 2007, Astrophys. J. Letters, **664**, L107–L110

239. **Infrared molecular starburst fingerprints in deeply obscured (U)LIRG nuclei**
F. Lahuis, H.W.W. Spoon, A.G.G.M. Tielens, S.D. Doty, L. Armus, V. Charmandaris, J.R. Houck, P. Stäuber and Ewine F. van Dishoeck, 2007, Astrophys. J., **659**, 296–304

240. **Desorption of CO and O_2 interstellar ice analogs**
K. Acharyya, G.W. Fuchs, H.J. Fraser, Ewine F. van Dishoeck, and H. Linnartz, 2007, Astron. Astrophys., **466**, 1005–1012

241. **PAH chemistry and infrared emission from circumstellar disks**
R. Visser, V.C. Geers, C.P. Dullemond, J.-C. Augereau, K.M. Pontoppidan, and Ewine F. van Dishoeck, 2007, Astron. Astrophys., **466**, 229–241

242. **Deep Spitzer spectroscopy of the "Flying Saucer" edge-on disk: large grains beyond 50 AU**
K.M. Pontoppidan, K.R. Stapelfeldt, G.A. Blake, Ewine F. van Dishoeck, and C.P. Dullemond, 2007, Astrophys. J. Letters, **658**, L111–L114

243. **PROSAC: a submillimeter array survey of low-mass protostars. I. overview of program: envelopes, disks, outflows, and hot cores**
J.K. Jørgensen, T.L. Bourke, P.C. Myers, J. di Francesco, Ewine F. van Dishoeck, C-F. Lee, N. Ohashi, F.L. Schöier, S. Takakuwa, D.J. Wilner, Q. Zhang, 2007, Astrophys. J., **659**, 479–498

244. **A computer program for fast non-LTE analysis of interstellar line spectra. With diagnostic plots to interpret observed line intensity ratios**
F.F.S van der Tak, J.H. Black, F.L. Schöier, D.J. Jansen, and Ewine F. van Dishoeck, 2007, Astron. Astrophys., **468**, 627–635

245. **A photon dominated region code comparison study**
M. Röllig, N. Abel, T. Bell, and 21 co-authors including Ewine F. van Dishoeck, 2007, Astron. Astrophys., **467**, 187–206

246. **The IC1396N proto-cluster at a scale of ∼250 AU**
R. Neri, A. Fuente, C. Ceccarelli, P. Caselli, D. Johnstone, Ewine F. van Dishoeck, F. Wyrowski, M. Tafalla, B. Lefloch, R. Plume, 2007, Astron. Astrophys., **468**, L33–L36

247. **Protostellar clusters in intermediate mass (IM) star forming regions**
A. Fuente, C. Ceccarelli, R. Neri, T. Alonso-Albi, P. Caselli, D. Johnstone, Ewine F. van Dishoeck, F. Wyrowski, 2007, Astron. Astrophys., **468**, L37–L40

248. **Spatial separation of small and large grains in the transitional disk around the young star IRS 48**
V.C. Geers, K.M. Pontoppidan, Ewine F. van Dishoeck, C.P. Dullemond, J.-C. Augereau, B. Merín, I. Oliveira, and J. W. Pel, 2007, Astron. Astrophys. Letters, **469**, L35–L38

249. **Photodesorption of CO ice**
K.I. Öberg, G.W. Fuchs, Z. Awad, H.J. Fraser, S. Schlemmer, Ewine F. van Dishoeck, and H. Linnartz, 2007, Astrophys. J. Letters, **622**, L23–L26

250. **The Spitzer c2d survey of large, nearby, interstellar clouds. VIII. Serpens observed with MIPS**
P.M. Harvey, L.M. Rebull, T.S. Brooke, and 15 co-authors including Ewine F. van Dishoeck, 2007, Astrophys. J., **663**, 1139–1148

251. **Infrared spectroscopy of HCOOH in interstellar ice analogues**
S.E. Bisschop, G.W. Fuchs, A.C.A. Boogert, Ewine F. van Dishoeck, and H. Linnartz, 2007, Astron. Astrophys., **470**, 749–759

252. **c2d Spitzer IRS spectra of disks around T Tauri stars. III. [Ne II], [Fe I], and H_2 gas-phase lines**
F. Lahuis, Ewine F. van Dishoeck, G.A. Blake, N.J. Evans, J.E. Kessler-Silacci, K.M. Pontoppidan, 2007, Astrophys. J., **665**, 492–511

253. **The Spitzer c2d survey of large, nearby, interstellar clouds. VI. Perseus observed with MIPS**
L.M. Rebull, K.R. Stapelfeldt, N.J. Evans, and 21 co-authors including Ewine F. van Dishoeck, 2007, Astrophys. J. Suppl., **171**, 447–477

254. **The Spitzer c2d survey of large, nearby, interstellar clouds. IV. Lupus observed with MIPS**
N.L. Chapman, S-P. Lai, L.G. Mundy, and 22 co-authors, including Ewine F. van Dishoeck, 2007, Astrophys. J., **667**, 288–302

255. **The Spitzer c2d survey of weak-line T Tauri stars. II. New constraints on the timescale for planet building**
L. Cieza, D.L. Padgett, K.R. Stapelfeldt, and 17 co-authors, including Ewine F. van Dishoeck, 2007, Astrophys. J., **667**, 308–328

256. **The Spitzer c2d survey of large, nearby, interstellar clouds: VII. Ophiuchus observed with MIPS**
D.L. Padgett, L.M. Rebull, K.R. Stapelfeldt, and 21 co-authors including Ewine F. van Dishoeck, 2008, Astrophys. J., **672**, 1013–1037

257. **Dust sedimentation in protoplanetary disks with polycyclic aromatic hydrocarbons**
C.P. Dullemond, Th. Henning, R. Visser, V.C. Geers, Ewine F. van Dishoeck, and K.M. Pontoppidan, 2007, Astron. Astrophys., **473**, 457–466

258. **H-atom bombardment of CO_2, HCOOH, and CH_3CHO-containing ices**
S.E. Bisschop, G.W. Fuchs, Ewine F. van Dishoeck, and H. Linnartz, 2007, Astron. Astrophys., **474**, 1061–1071

259. **Energetic radiation and the sulfur chemistry of protostellar envelopes: submillimeter interferometry of AFGL 2591**
A.O. Benz, P. Stäuber, T.L. Bourke, F,F.S. van der Tak, Ewine F. van Dishoeck, and J.K. Jørgensen, 2007, Astron. Astrophys., **475**, 549–558

260. **Spatially extended PAHs in circumstellar disks around T Tauri and Herbig Ae stars**
V.C. Geers, Ewine F. van Dishoeck, R. Visser, K.M. Pontoppidan, J.-C. Augereau, E. Habart, and A.M. Lagrange, 2007, Astron. Astrophys., **476**, 279–289

261. **Hydrogen adsorption and diffusion on amorphous solid water ice**
A. Al-Halabi and Ewine F. van Dishoeck, 2007, Mon. Not. R. Astr. Soc., 2007, **382**, 1648–1656

262. **Band profiles and band strengths in mixed H_2O:CO ices**
J. Bouwman, W. Ludwig, Z. Awad, K.I. Öberg, G.W. Fuchs, Ewine F. van Dishoeck and H. Linnartz, 2007, Astron. Astrophys., **476**, 995–1003

263. **Photodissociation of small carbonaceous molecules of astrophysical interest**
M.C. van Hemert and Ewine F. van Dishoeck, 2008, Chem. Phys., **343**, 292–302

264. **The Spitzer c2d survey of large, nearby, interstellar clouds: XI. Lupus observed with IRAC and MIPS**
B. Merín, J. Jørgensen, L. Spezzi, and 7 co-authors including Ewine F. van Dishoeck, 2008, Astrophys. J. Suppl., **177**, 551–583

265. **The Spitzer c2d spectroscopy survey of ices around low-mass young stellar objects. I. H_2O and the 5–8 μ, bands**
A.C.A. Boogert, K.M. Pontoppidan, C. Knez, and 23 co-authors including Ewine F. van Dishoeck, 2008, Astrophys. J., **678**, 985–1004

266. **The Spitzer c2d spectroscopy survey of ices around low-mass young stellar objects. II. CO_2**
K.M. Pontoppidan, A.C.A. Boogert, H.J. Fraser, Ewine F. van Dishoeck, G.A. Blake, F. Lahuis, K.I. Öberg, N.J. Evans, and C. Salyk, 2008, Astrophys. J., **678**, 1005–1031

267. **The Spitzer c2d spectroscopy survey of ices around low-mass young stellar objects. III. CH_4**
K.I. Öberg, A.C.A. Boogert, K.M. Pontoppidan, G.A. Blake, N.J. Evans, F. Lahuis and Ewine F. van Dishoeck, 2008, Astrophys. J., **678**, 1032–1041

268. **SMA observations of young disks: separating envelope, disk and stellar masses in Class I YSOs**
D. Lommen, J.K. Jørgensen, Ewine F. van Dishoeck and A. Crapsi, 2008, Astron. Astrophys., **481**, 141–147

269. **H_2O and OH gas in the terrestrial planet-forming zones of protoplanetary disks**
C. Salyk, K.M. Pontoppidan, G.A. Blake, F. Lahuis, Ewine F. van Dishoeck, and N.J. Evans, 2008, Astrophys. J., **676**, L49–L52 *(NASA press release)*

270. **Modeling water emission from low-mass protostellar envelopes**
T.A. van Kempen, S.D. Doty, Ewine F. van Dishoeck, M.R. Hogerheijde, and J.K. Jørgensen, 2008, Astron. Astrophys, **487**, 975–991

271. **Characterizing the nature of embedded young stellar objects through silicate, ice and millimeter observations**
A. Crapsi, Ewine F. van Dishoeck, M.R. Hogerheijde, K.M. Pontoppidan, and C.P. Dullemond, 2008, Astron. Astrophys., **486**, 245–254

272. **Laboratory evidence for efficient water formation in interstellar ice**
S. Ioppolo, H.M. Cuppen, C. Romanzin, C., Ewine F. van Dishoeck, and H. Linnartz, 2008, Astrophys. J., **686**, 1474–1479

273. **An interferometric study of the low-mass protostar IRAS 16293-2422: small scale organic chemistry**

S.E. Bisschop, J.K. Jørgensen, T.L. Bourke, S. Bottinelli, and Ewine F. van Dishoeck, 2008, Astron. Astrophys., **488**, 959–968

274. **Probing dust grain evolution in IM Lupi's circumstellar disc. Multi-wavelength observations and modelling of the dust disc**
C. Pinte, D.L. Padgett, F. Menard, K.R. Stapelfeldt, and 18 co-authors including Ewine F. van Dishoeck, 2008, Astron. Astrophys., **489**, 633–650

275. **Spectroastrometric imaging of molecular gas within protoplanetary disk gaps**
K.M. Pontoppidan, G.A. Blake, Ewine F. van Dishoeck, A. Smette, M.J. Ireland, J. Brown, 2008, Astrophys. J., **684**, 1323–1329 *(ESO press release)*

276. **Searching for molecular hydrogen mid-infrared emission in the circumstellar environments of Herbig Be stars**
C. Martin-Zaïdi, Ewine F. van Dishoeck, J.-C. Augereau, P.-O. Lagage, and E. Pantin, 2008, Astron. Astrophys., **489**, 601–605

277. **Photodesorption of ices I. CO, N_2 and CO_2**
K.I. Öberg, Ewine F. van Dishoeck, and H. Linnartz, 2009, Astron. Astrophys., **496**, 281–293

278. **Photodesorption of water ice. A molecular dynamics study**
S. Andersson, Ewine F. van Dishoeck, 2008, Astron. Astrophys., **491**, 907–916 *A&A cover image*

279. **Photodesorption of ices II. H_2O and D_2O**
K.I. Öberg, H. Linnartz, R. Visser, and Ewine F. van Dishoeck, 2009, Astrophys. J., **693**, 1209–1218

280. **Detection of C I in absorption toward PKS 1830 - 211 with the eSMA**
S. Bottinelli, M.A. Hughes, Ewine F. van Dishoeck, and 10 co-authors, 2009, Astrophys. J., **690**, L130–L134

281. **IRC+10216's innermost envelopethe eSMA'S view**
H. Shinnaga, K.H. Young, R.P.J. Tilanus, and 11 co-authors including Ewine F. van Dishoeck, 2009, Astrophys. J., **698**, 1924–1933

282. **Optical characterization of a new young stellar population in the Serpens molecular cloud**
I. Oliveira, B. Merïn, K.M. Pontoppidan, Ewine F. van Dishoeck, R.A. Overzier, J. Hernández, A. Sicilia-Aguilar, C. Eiroa, and B. Montesinos, 2009, Astrophys. J., **691**, 672–686

283. **Cold gas as an ice diagnostic toward low mass protostars**
K.I. Öberg, S. Bottinelli, and Ewine F. van Dishoeck, 2009, Astron. Astrophys., **494**, L13–L16

284. **Lack of PAH emission toward low-mass embedded young stellar objects**
V.C. Geers, Ewine F. van Dishoeck, K.M. Pontoppidan, F. Lahuis, A. Crapsi, C.P. Dullemond, and G.A. Blake, 2009, Astron. Astrophys., **495**, 837–846

285. **Large grains in discs around young stars: ATCA observations of WW Chamaeleontis, RU Lupi, and CS Chamaeleontis**
D. Lommen, S.T. Maddison, C.M. Wright, Ewine F. van Dishoeck, D.J. Wilner, and T.L. Bourke, 2009, Astron. Astrophys., **495**, 869–879

286. **The chemical history of molecules in circumstellar disks. I. Ices**
R. Visser, Ewine F. van Dishoeck, S.D. Doty, and C.P. Dullemond, 2009, Astron. Astrophys., **495**, 881–897

287. **High-precision $C^{17}O$, $C^{18}O$ and $C^{16}O$ measurements in young stellar objects: analogues for CO self-shielding in the early solar system**
R.L. Smith, K.M. Pontoppidan, E.D. Young, M.R. Morris, and Ewine F. van Dishoeck, 2009, Astrophys. J., **701**, 163–175

288. **The nature of the Class I population in Ophiuchus as revealed through gas and dust mapping**

T.A. van Kempen, Ewine F. van Dishoeck, D.M. Salter, M.R. Hogerheijde, J.K. Jørgensen, and A.C.A. Boogert, 2009, Astron. Astrophys., **498**, 167–194

289. **The Spitzer c2d legacy results: star-formation rates and efficiencies; evolution and lifetimes**
N.J. Evans, M.M. Dunham, J.K. Jørgensen, and 15 co-authors including Ewine F. van Dishoeck, 2009, Astrophys. J. Suppl., **181**, pp. 321–350

290. **High-resolution mid-infrared spectroscopy of NGC 7538 IRS 1: probing chemistry in a massive young stellar object**
C. Knez, J.H. Lacy, N.J. Evans, Ewine F. van Dishoeck, and M.J. Richter, 2009, Astrophys. J., **696**, 471–483

291. **Hydrogenation reactions in interstellar CO ice analogues: a combined experimental / theoretical approach**
G.W. Fuchs, H.M. Cuppen, S. Ioppolo, C. Romanzin, S.E. Bisschop, S. Andersson, Ewine F. van Dishoeck, and H. Linnartz, 2009, Astron. Astrophys., **505**, 629–639

292. **APEX-CHAMP+ high-J CO observations of low-mass young stellar objects. I. The HH 46 envelope and outflow**
T.A. van Kempen, Ewine F. van Dishoeck, R. Güsten, L.E. Kristensen, P. Schilke, M.R. Hogerheijde, W. Boland, B. Nefs, K.M. Menten, A. Baryshev, and F. Wyrowski, 2009, Astron. Astrophys., **501**, 633–646

293. **Multidimensional chemical modeling of young stellar objects. II. Irradiated outflow walls in a high-mass star-forming region**
S. Bruderer, A.O. Benz, S.D. Doty, Ewine F. van Dishoeck, and T.L. Bourke, 2009, Astrophys. J., **700**, 872–886

294. **The photodissociation and chemistry of CO isotopologues: applications to interstellar clouds and circumstellar disks**
R. Visser, Ewine F. van Dishoeck, and J.H. Black, 2009, Astron. Astrophys., **503**, 323–343

295. **Formation rates of complex organics in UV irradiated CH_3OH-rich ices. I. Experiments**
K.I. Öberg, R.T. Garrod, Ewine F. van Dishoeck, and H. Linnartz, 2009, Astron. Astrophys., **504**, 891–913

296. **APEX-CHAMP+ high-J CO observations of low-mass young stellar objects: II. Distribution and origin of warm molecular gas**
T.A. van Kempen, Ewine F. van Dishoeck, R. Güsten, L.E. Kristensen, P. Schilke, M.R. Hogerheijde, W. Boland, K.M. Menten, and F. Wyrowski, 2009, Astron. Astrophys., **507**, 1425–1442

297. **Complex organic interstellar molecules**
E. Herbst and Ewine F. van Dishoeck, 2009, Ann. Rev. Astron. Astrophys., **47**, 427–480

298. **Quantification of segregation dynamics in ice mixtures**
K.I. Öberg, E.C. Fayolle, H.M. Cuppen, Ewine F. van Dishoeck, and H. Linnartz, 2009, Astron. Astrophys., **505**, 183–194

299. **Dense and warm molecular gas in the envelopes and outflows of southern low-mass protostars**
T.A. van Kempen, Ewine F. van Dishoeck, M.R. Hogerheijde, and R. Güsten, 2009, Astron. Astrophys., **508**, 259–274

300. **c2d Spitzer-IRS spectra of disks around T Tauri stars. IV. Crystalline silicates**
J. Olofsson, J.-C. Augereau, J.-C., Ewine F. van Dishoeck, and 13 co-authors, 2009, Astron. Astrophys., **507**, 327–345

301. **PROSAC: a submillimeter array survey of low-mass protostars. II. The mass evolution of envelopes, disks, and stars from the Class 0 through I stages**
J.K. Jørgensen, Ewine F. van Dishoeck, R. Visser, T.L. Bourke, D.J. Wilner, D. Lommen, M.R. Hogerheijde, and P.C. Myers, 2009, Astron. Astrophys., **507**, 861–879

302. **Microscopic simulation of methanol and formaldehyde ice formation in cold dense cores**
H.M. Cuppen, Ewine F. van Dishoeck, E. Herbst, and A.G.G.M. Tielens, 2009, Astron. Astrophys., **508**, 275-287

303. **ISO observation of molecular hydrogen and fine-structure lines in the photodissociation region IC 63**
W.-F. Thi, Ewine F. van Dishoeck, T. Bell, S. Viti, and J.H. Black, 2009, Mon. Not. Roy. Astron. Soc., **400**, 622–628

304. **Water formation at low temperatures by surface O_2 hydrogenation I: characterization of ice penetration**
S. Ioppolo, H.M. Cuppen, C. Romanzin, Ewine F. van Dishoeck, and H. Linnartz, 2010, Phys. Chem. Chem. Phys., **12**, 12065

305. **Water vapor in the inner 25 AU of a young disk around a low-mass protostar**
J.K. Jørgensen and Ewine F. van Dishoeck, 2010, Astrophys. J., **710**, L72–L76 *(IRAM, NOVA, MPE press releases)*

306. **A deep optical/near-infrared catalogue of Serpens**
L. Spezzi, B. Merín, I. Oliveira, Ewine F. van Dishoeck, J.M. Brown, 2010, Astron. Astrophys., **513**, A38

307. **A Spitzer survey of protoplanetary disk dust in the young Serpens cloud: How do dust characteristics evolve with time?**
I. Oliveira, K.M. Pontoppidan, B. Merín, Ewine F. van Dishoeck, F. Lahuis, V.C. Geers, J.K. Jørgensen, J. Olofsson, J.C. Augereau, and J.M. Brown, Astrophys. J., **714**, 778–798

308. **Grain growth across protoplanetary discs: 10 μm silicate feature versus millimetre slope**
D.J.P. Lommen, Ewine F. van Dishoeck, C.M. Wright, S.T. Maddison, M. Min, D.J. Wilner, D.M. Salter, H.J. van Langevelde, T.L. Bourke, R.F.J. van der Burg, and G.A. Blake, 2010, Astron. Astrophys., **515**, A77

309. **Methanol maps of low-mass protostellar systems. I. The Serpens molecular core**
L.E. Kristensen, Ewine F. van Dishoeck, T.A. van Kempen, H.M. Cuppen, C. Brinch, J.K. Jørgensen, and M.R. Hogerheijde, 2010, Astron. Astrophys., **516**, A57

310. **Physical structure of the envelopes of intermediate-mass protostars**
N. Crimier, C. Ceccarelli, T. Alonso-Albi, and 11 co-authors including Ewine F. van Dishoeck, 2010, Astron. Astrophys., **516**, A102

311. **A cold complex chemistry toward the low-mass protostar B1-b: evidence for complex molecule production in ices**
K.I. Öberg, S. Bottinelli, J.K. Jørgensen, and Ewine F. van Dishoeck, 2010, Astrophys. J., **716**. 825–834

312. **Herschel-PACS spectroscopy of the intermediate mass protostar NGC 7129 FIRS 2**
M. Fich, D. Johnstone, T.A. van Kempen and 58 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **518**, L86

313. **Water abundance variations around high-mass protostars: HIFI observations of the DR21 region**
F.F.S. van der Tak, M.G. Marseille, F. herpin and 56 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **518**, L107

314. **Water cooling of shocks in protostellar outflows. Herschel-PACS map of L1157**
B. Nisini, M. Benedettini, C. Codella, and 62 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **518**, L120 *(ESA science and technology press release December 21 2009)*

315. **Origin of the hot gas in low-mass protostars. Herschel-PACS spectroscopy of HH 46**
T.A. van Kempen, L.E. Kristensen, G.J. Herczeg, and 62 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **518**, L121

316. **Dust, Ice, and Gas In Time (DIGIT) Herschel program first results. A full PACS-SED scan of the gas line emission in protostar DK Chamaeleontis**
T.A. van Kempen, J.D. Green, N.J. Evans, and 42 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **518**, L129

317. **First results of the Herschel key program "Dust, Ice and Gas In Time" (DIGIT): Dust and gas spectroscopy of HD 100546**
B. Sturm, J. Bouwman, Th. Henning, and 40 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **518**, L128

318. **The effect of H_2O on ice photochemistry**
K.I. Öberg, Ewine F. van Dishoeck, H. Linnartz, S. Andersson, 2010, Astrophys. J., **718**. 832–840

319. **The c2d Spitzer spectroscopic survey of ices around low-mass young stellar objects. IV. NH_3 and CH_3OH**
S. Bottinelli, A.C.A. Boogert, J. Bouwman, M. Beckwith, Ewine F. van Dishoeck, K.I. Öberg, K.M. Pontoppidan, H. Linnartz, G.A. Blake, N.J. Evans, and F. Lahuis, 2010, Astrophys. J., **718**, 1100-1117

320. **A Spitzer c2d legacy survey to identify and characterize disks with inner dust holes**
B. Merín, J.M. Brown, I. Oliveira, and 17 co-authors including Ewine F. van Dishoeck, 2010, Astrophys. J., **718**, 1200–1223

321. **Evidence for episodic warm outflowing CO gas from the intermediate-mass young stellar object IRAS 08470-4321**
W.-F. Thi, Ewine F. van Dishoeck, K.M. Pontoppidan, and E. Dartois, 2010, MNRAS, **406**, 1409–1424

322. **c2d Spitzer IRS spectra of embedded low-mass young stars: gas-phase emission lines**
F. Lahuis, Ewine F. van Dishoeck, J.K. Jørgensen, G.A. Blake, and N.J. Evans, 2010, Astron. Astrophys., **519**, A3

323. **Observations of warm molecular gas and kinematics in the disc around HD 100546**
O. Panić, Ewine F. van Dishoeck, M.R. Hogerheijde, A. Belloche, R. Güsten, W. Boland, and A. Baryshev, Astron. Astrophys., **519**, A110

324. **On the origin of [NeII] 12.81 μm emission from pre-main sequence stars: Disks, jets, and accretion**
M. Guedel, F. Lahuis, K.R. Briggs, J. Carr, A.E. Glassgold, Th. Henning, J.R. Najita, R. van Boekel, and Ewine F. van Dishoeck, 2010, Astron. Astrophys., **519**, A113

325. **c2d Spitzer-IRS spectra of disks around T Tauri stars. V. Spectral decomposition**
J. Olofsson, J.-C. Augereau, Ewine F. van Dishoeck, B. Merín,N. Grosso, F. Ménard, G.A. Blake, and J.-L. Monin, 2010, **520**, A39

326. **Herschel/HIFI discovery of interstellar chloronium (H_2Cl^+)**
D.C. Lis, J.C. Pearson, D.A. Neufeld, and 102 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L9

327. **Water vapor toward starless cores: The Herschel view**
P. Caselli, E. Keto, L. Pagani, and 63 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L29

328. **Water in low-mass star-forming regions with Herschel . HIFI spectroscopy of NGC 1333**
L.E. Kristensen, R. Visser, Ewine F. van Dishoeck, and 64 co-authors, Astron. Astrophys., **521**, L30
(ESA science and technology press release May 6 2010)

329. **Water abundances in high-mass protostellar envelopes: Herschel observations with HIFI**
M.G. Marseille, F.F.S. van der Tak, F. F. S., F. Herpin, and 68 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L32

330. **Sensitive limits on the abundance of cold water vapor in the DM Tauri protoplanetary disk**

E.A. Bergin, M.R. Hogerheijde, C. Brinch, and 61 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L33

331. **Variations in H_2O^+/H_2O ratios toward massive star-forming regions**
F. Wyrowski, F. van der Tak, F. Herpin, and 63 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L34

332. **Hydrides in young stellar objects: Radiation tracers in a protostar-disk-outflow system**
A.O. Benz, S. Bruderer, Ewine F. van Dishoeck, and 66 co-authors, Astron. Astrophys., **521**, L35

333. **Herschel observations of the hydroxyl radical (OH) in young stellar objects**
S.F. Wampfler, G.J. Herczeg, S. Bruderer, and 59 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L36

334. **Water in massive star-forming regions: HIFI observations of W3 IRS5**
L. Chavarría, F. Herpin, T. Jacq, and 59 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L37

335. **Herschel/HIFI observations of high-J CO lines in the NGC 1333 low-mass star-forming region**
U.A. Yildiz, Ewine F. van Dishoeck, L.E. Kristensen, and 60 co-authors, Astron. Astrophys., **521**, L40

336. **Herschel/HIFI spectroscopy of the intermediate mass protostar NGC 7129 FIRS 2**
D. Johnstone, M. Fich, C. McCoey, and 58 co-authors including Ewine F. van Dishoeck, Astron. Astrophys., **521**, L41

337. **Herschel/HIFI detections of hydrides towards AFGL 2591. Envelope emission versus tenuous cloud absorption**
S. Bruderer, A.O. Benz, Ewine F. van Dishoeck, and 66 co-authors, Astron. Astrophys., **521**, L44

338. **Surface formation of HCOOH at low temperature**
S. Ioppolo, H.M. Cuppen, Ewine F. van Dishoeck, and H. Linnartz, 2010, MNRAS, **410**, 1089–1095

339. **The Spitzer c2d survey of weak-line T Tauri stars. III. The Transition from primordial disks to debris disks**
Z. Wahhaj, L. Cieza, D.W. Koerner, and 15 co-authors including Ewine F. van Dishoeck, Astrophys. J., **724**, 835–854

340. **The HDO/H_2O ratio in gas in the inner regions of a low-mass protostar**
J.K. Jørgensen and Ewine F. van Dishoeck, Astrophys. J., **725**, L172–L175

341. **VLT/X-shooter spectroscopy of a dusty planetary nebula discovered with Spitzer/IRS**
I. Oliveira, R.A. Overzier, K.M. Pontoppidan, Ewine F. van Dishoeck,and L. Spezzi, 2011, Astron. Astrophys., **526**, A41

342. **Water in star-forming regions with the Herschel Space Observatory (WISH): I. Overview of key program and first results**
Ewine F. van Dishoeck, L.E. Kristensen A.O. Benz and 63 co-authors, 2011, Pub. Astron. Soc. Pac., **123**, 138–170

343. **Fundamental vibrational transition of CO during the outburst of EX Lupi in 2008**
M. Goto, Zs. Regály, C.P. Dullemond and 16 co-authors including Ewine F. van Dishoeck, 2011, Astrophys. J., **728**, 5

344. **Water deuterium fractionation in the low-mass protostar NGC1333-IRAS2A**
F.-C. Liu, B. Parise, L. Kristensen, R. Visser, Ewine F. van Dishoeck, R. Güsten, Astron. Astrophys., **527**, A19

345. **Single peaked CO emission line profiles from the inner regions of protoplanetary disks**
J.E. Bast, J.M. Brown, G.J. Herczeg, Ewine F. van Dishoeck, K.M. Pontoppidan, 2011, Astron. Astrophys., **527**, A119

346. **Ice and dust in the quiescent medium of isolated dense cores**

A.C.A. Boogert, T.L. Huard, A.M. Cook, J.E. Chiar, C. Knez, L. Decin, G.A. Blake, A.G.G.M. Tielens, and Ewine F. van Dishoeck, 2011, Astrophys. J., **729**, 92

347. **Warm dust resolved in the cold disk around T Chamaeleontis with VLTI/AMBER**
J. Olofsson, M. Benisty, J.-C. Augereau and 12 co-authors including Ewine F. van Dishoeck, 2011, Astron. Astrophys., **528**, L6 (*ESO press release*)

348. **Disentangling the environment of the FU Orionis candidate HBC 722 with Herschel**
J.D. Green, N.J. Evans, A. Kóspál and 16 co-authors, includin Ewine F. van Dishoeck, 2011, Astrophys. J., **731**, L25

349. **Surface formation of CO_2 ice at low temperatures**
S. Ioppolo, Y. van Boheemen, H.M. Cuppen, Ewine F. van Dishoeck, and H. Linnartz, 2011, MNRAS, **413**, 2281–2287

350. **On the evolution of dust mineralogy, from protoplanetary disks to planetary systems**
I. Oliveira, J. Olofsson, K.M. Pontoppidan, Ewine F. van Dishoeck, J.-C. Augereau, and B. Meriń, 2011, Astrophys. J., **734**, 51

351. **Water in low-mass star-forming regions with Herschel (WISH-LM). High-velocity H_2O bullets in L1448-MM observed with HIFI**
L.E. Kristensen, Ewine F. van Dishoeck, M. Tafalla, R. Bachiller, B. Nisini, R. Liseau, U.A. Yıldız, 2011, Astron. Astrophys., **531**, L1

352. **First hyperfine resolved far-infrared OH spectrum from a star-forming region**
S.F. Wampfler, S. Brudere, L.E. Kristensen and 8 co-authors including Ewine F. van Dishoeck, 2011, Astron. Astrophys., **531**, L16

353. **TIMASSS: the IRAS 16293-2422 millimeter and submillimeter spectral survey. I. Observations, calibration, and analysis of the line kinematics**
E. Caux, C. Kahane, A. Castets and 15 co-authors including Ewine F. van Dishoeck, 2011, Astron. Astrophys., **532**, A23

354. **Herschel measurements of molecular oxygen in Orion**
P.F. Goldsmith, R. Liseau, T.A. Bell, and 32 co-authors including Ewine F. van Dishoeck, 2011, Astrophys. J., **737**, 96

355. **Disks and outflows in CO rovibrational emission from embedded, low-mass young stellar objects**
G.J. Herczeg, J.M. Brown, Ewine F. van Dishoeck, and K.M. Pontoppidan, 2011, Astron. Astrophys., **533**. A112

356. **Ruling out unresolved binaries in five transitional disks. VLT/NACO deep 2.12 and 1.75 μm narrow-band imaging**
S. Vicente, B. Merín, M. Hartung, H. Bouy, N. Huélamo, E. Artigau, J.-C. Augereau, Ewine F. van Dishoeck, J. Olofsson, I. Oliveira, T. Prusti, 2011, Astron. Astrophys., **533**, A135

357. **The chemical history of molecules in circumstellar disks. II. Gas-phase species**
R.U. Visser, S.D. Doty and Ewine F. van Dishoeck, 2011, Astron. Astrophys., **534**, A132

358. **Complex molecules toward low-mass protostars: the Serpens core**
K.I. Öberg, N. van der Marel, L.E. Kristensen, and Ewine F. van Dishoeck, 2011, Astrophys. J., **740**, 14

359. **The Spitzer ice legacy: ice evolution from cores to protostar**
K.I. Öberg, A.C.A. Boogert, K.M. Pontoppidan, S. van den Broek, Ewine F. van Dishoeck, S. Bottinelli, G.A. Blake, N.J. Evans, 2011, Astrophs. J., **740**, 109

360. **Detection of the water reservoir in a forming planetary system**
M.R. Hogerheijde, E.A. Bergin, J.K.J., Brinch, C., and 12 co-authors including Ewine F, van Dishoeck, 2011, Science, bf 334, 338

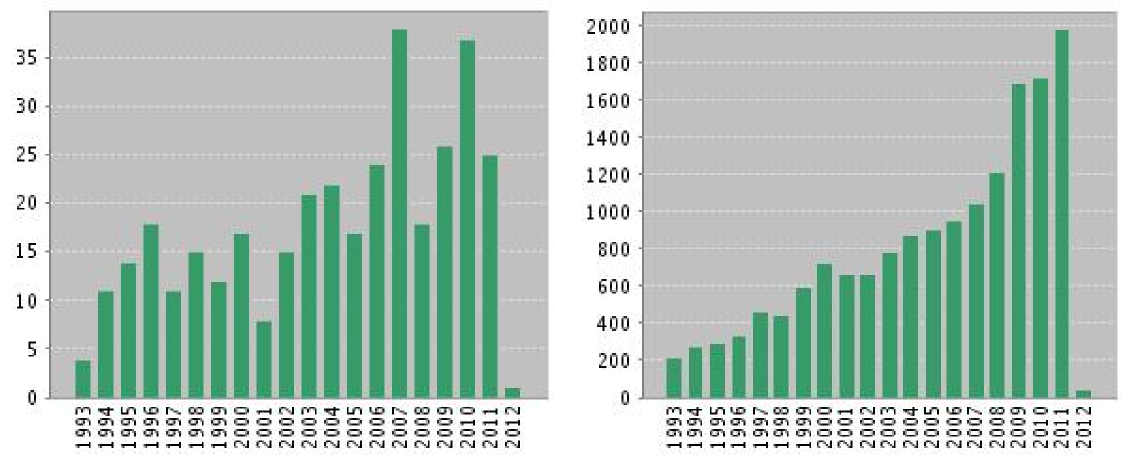
361. **Spectroscopic properties of young stellar objects in the Lupus molecular clouds**
A. Mortier, I. Oliveira, and Ewine F. van Dishoeck, 2011, Mon. Not. Roy. Astron. Soc., **418**, 1194

362. **Modelling Herschel observations of hot molecular gas emission from embedded low-mass protostars**
R. Visser, L.E. Kristensen, S. Bruderer, Ewine F. van Dishoeck, G.J. Herczeg, C. Brinch, S.D. Doty, D. Harsono, M.G. Wolfire, 2012, Astrophys. J., **537**, A55

363. **Water emission from the chemically rich outflow L1157**
M. Vasta, C. Codella, A. Lorenzani, G. Santangelo, B. Nisini, T. Giannini, M. Tafalla, R. Liseau, Ewine F. van Dishoeck, L. Kristensen, 2012, Astron. Astrophys,m **537**, 98

364. **A 30 AU radius CO gas hole in the disk around the Herbig Ae star Oph IRS 48**
J.M. Brown, G.J. Herczeg, K.M. Pontoppidan, and Ewine F. van Dishoeck, 2012, Astrophys. J., **744**, 116

365. **The Herschel HIFI water line survey in the low-mass proto-stellar outflow L1448**
S. Santangelo, B. Nisini, T. Giannini, S. Antoniucci, M. Vasta, C. Codella, A. Lorenzani, M. Tafalla, R. Liseau, Ewine F. van Dishoeck, and L.E. Kristensen, 2012, Astron. Astrophys., **538**, A45



Number of (refereed) publications per year (left) and number of citations per year according to ISI-Web of Science dd. February 13, 2012 (search using van Dishoeck and vanDishoeck). The total number of citations in ISI is 17000 (41 cit/paper), with a h-index of 69. Using NASA's Astrophysics Data Server, my h-index is 72. Note that ISI misses some highly cited Astronomy publications, whereas ADS misses several of my Chemical Physics publications and (most of) their citations.

INVITED REVIEWS (including refereed reviews)

1. **Photodissociation processes of astrophysical molecules**
   Ewine F. van Dishoeck, 1987, in IAU Symposium 120, 'Astrochemistry', eds. M.S. Vardya and S.P. Tarafdar (Reidel, Dordrecht), 51–65.

2. **Interstellar chemistry and submillimetre observations**
   Ewine F. van Dishoeck, 1986, in proceedings of the ESA workshop on a 'Space–Borne Submillimetre Astronomy Mission', ed. N. Longdon, ESA-SP-260, 107-117.

3. **The abundance of interstellar CO**
   Ewine F. van Dishoeck and J.H. Black, 1987, in 'Physical processes in interstellar clouds', eds. G. Morfill and M. Scholer (Reidel, Dordrecht), 241–274.

4. **Molecular cloud chemistry**
   Ewine F. van Dishoeck, 1988, in 'Millimetre and submillimetre astronomy', eds. W.B. Burton and R.D. Wolstencroft (Reidel, Dordrecht), 117–164.

5. **Photodissociation processes in diatomic molecules**
   K. Kirby and Ewine F. van Dishoeck, 1988, in Adv. Atom. and Mol. Physics **25**, 437–476.

6. **Photodissociation and photoionization processes**
   Ewine F. van Dishoeck, 1988, in 'Rate coefficients in astrochemistry', eds. T.J. Millar and D.A. Williams (Kluwer, Dordrecht), 49–72.

7. **Diffuse cloud chemistry**
   Ewine F. van Dishoeck and John H. Black, 1988, in 'Rate coefficients in astrochemistry', eds. T.J. Millar and D.A. Williams (Kluwer, Dordrecht), 209–237.

8. **Diffuse cloud chemistry**
   Ewine F. van Dishoeck, 1990, in 'Molecular Astrophysics —A volume honoring Alexander Dalgarno, ed. T.W. Hartquist (Cambridge University Press), p. 55–83.

9. **Dissociative recombination in interstellar clouds**
   John H. Black and Ewine F. van Dishoeck, 1989, in 'Dissociative recombination: theory, experiments and applications' eds. J.B.A. Mitchell and S.L. Guberman (World Scientific Publishing Co., Singapore), 317–328.

10. **Atomic and molecular data for diffuse cloud chemistry**
Ewine F. van Dishoeck, 1989, in 'Highlights of Astronomy', proceedings of the IAU General Assembly, Baltimore (ed. D. McNally), **8**, 323–330.

11. **The chemistry of the diffuse interstellar gas**
Ewine F. van Dishoeck, 1990, in 'The Evolution of the Interstellar Medium', ed. L. Blitz (A.S.P. Conf. series 12), 207–228.

12. **The cosmochemistry of protostellar matter**
Ewine F. van Dishoeck, G.A. Blake, and L.G. Mundy, 1990, in 'Formation of Stars and Planets and the Evolution of the Solar System', 24^{th} ESLAB symposium, ed. B. Battrick, ESA SP–315, p. 27–34.

13. **The chemical evolution of protostellar and protoplanetary matter**
Ewine F. van Dishoeck, G.A. Blake, B.T. Draine and J.I. Lunine, 1993, in Protostars and Planets III, eds. E.H. Levy & J.I. Lunine (University of Arizona), pp. 163–241.

14. **Chemistry and small–scale structure of diffuse and translucent clouds**
J.H. Black and Ewine F. van Dishoeck, 1991, in 'Fragmentation of Molecular Clouds and Star Formation', eds. E. Falgarone, F. Boulanger and G. Duvert (Kluwer, Dordrecht), pp. 139–150.

15. **The chemical state of diffuse and dense interstellar gas**
Ewine F. van Dishoeck, 1992, in 'Astronomy with ISO', proceedings of the 1991 Les Houches summer school, ed. Th. Encrenaz, (Nova Science, New York), pp. 283–308.

16. **Diffuse, translucent and high–latitude clouds: theoretical considerations**
Ewine F. van Dishoeck, 1992, in 'Astrochemistry of cosmic phenomena', IAU Symposium 150, ed. P.D. Singh (Kluwer, Dordrecht), pp. 143–152.

17. **Photochemistry and the interstellar radiation field**
Ewine F. van Dishoeck, 1994, in 'Infrared cirrus and diffuse interstellar clouds', ed. R. Cutri and W. Latter (A.S.P.), pp. 319–331.

18. **Continuous molecular opacities and photodissociation**
Ewine F. van Dishoeck, 1994, in 'Molecules in the stellar environment', IAU colloquium 146, ed. U.G. Jørgensen (Springer), p. 223–233.

19. **Interstellar Hydrides**
Ewine F. van Dishoeck, 1995, in 'The Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt conference, eds. G. Winnewisser and G.C. Pelz (Springer), p. 225–236.

20. **Chemical evolution of circumstellar matter around young stellar objects**
Ewine F. van Dishoeck and G.A. Blake, 1995, in proceedings of the Edinburgh conference on 'Circumstellar Matter', Astrophys. and Space Science **224**, 237–249.

21. **Production of organic molecules in space**
Ewine F. van Dishoeck, 1997, in 'The origin and early evolution of life', Commentarii IV, Pontificia Academia Scientiarum, p. 73–98

22. **Scientific drivers for future high–resolution far–infrared spectroscopy in space**
Ewine F. van Dishoeck and F.P. Helmich, 1996, in 'Submillimetre and far–infrared space instrumentation', 30'th ESLAB Symposium, ESA SP–388 (ESTEC, Noordwijk), p. 3–12

23. **The importance of high–resolution far–infrared spectroscopy of the interstellar medium**
Ewine F. van Dishoeck, 1997, in 'The far–infrared and submillimetre universe', ESA SP–401 (ESTEC, Noordwijk), 81–90

24. **The chemistry of diffuse and dark interstellar clouds**
Ewine F. van Dishoeck, 1998, in 'The Molecular Astrophysics of Stars and Galaxies — a volume honoring Alexander Dalgarno', eds. T.W. Hartquist and D.A. Williams (Oxford University), pp. 53–99

25. **Models and observations of gas–grain interactions in star–forming regions**

Ewine F. van Dishoeck, 1999, in 'Formation and evolution of solids in space', ed. J.M. Greenberg and A. Li (Kluwer, Dordrecht), 91–121

26. **Gas–grain interactions in star–forming regions as probed by ISO**
Ewine F. van Dishoeck et al., 1998, in 'Star formation with the ISO satellite', eds. J. Yun and R. Liseau, ASP vol. 132, 54–66

27. **Chemical evolution of protostellar matter**
W.L. Langer, Ewine F. van Dishoeck, G.A. Blake, E.A. Bergin, A.G.G.M. Tielens, T. Velusamy, and D.C.B. Whittet, 2000, in 'Protostars & Planets IV', eds. V.G. Mannings, A. Boss and S. Russell (Univ. of Arizona), pp. 29–57

28. **Gas-phase molecules in the interstellar medium and star-forming regions: from ISO to SIRTF**
Ewine F. van Dishoeck, C.M. Wright, W.F. Thi and A.M.S. Boonman, 1999, in 'Astrophysics with Infrared Surveys', eds. M.D. Bicay et al., ASP Vol. 117, pp. 288–299

29. **Models and observations of the chemistry near young stellar objects**
Ewine F. van Dishoeck and M.R. Hogerheijde, 1999, in 'The Origin of Stars and Planetary Systems', eds. C.J. Lada and N.D. Kylafis (Kluwer, Dordrecht), pp. 97–140

30. **Recent developments in astrochemistry**
Ewine F. van Dishoeck, 1999, in 'The Physics and Chemistry of Interstellar Molecular Clouds', 3rd Cologne–Zermatt conference, eds. V. Ossenkopf et al. (Springer), pp. 305–317

31. **ISO spectroscopy of young stellar objects**
Ewine F. van Dishoeck and 18 co-authors, 1999, in 'The Universe as seen by ISO', eds. P. Cox and M. Harwit, ESA-SP 427 (Estec, Noordwijk), pp. 437–448

32. **Chemistry in the envelopes around massive young stars**
Ewine F. van Dishoeck and F.F.S. van der Tak, 2000, in 'Astrochemistry: from molecular clouds to planetary systems', eds. Y.C. Minh & E.F. van Dishoeck (ASP), pp. 97–112

33. **Mid–infrared astronomy with the Next Generation Space Telescope**
Ewine F. van Dishoeck, 2000, in 'NGST Science and Technology', ed. E. Smith & K Long (ASP Conference series 207), p. 85–105

34. **Unravelling the chemical structure of young stellar objects with ALMA**
Ewine F. van Dishoeck and G.A. Blake, 2001, in 'Science with the Atacama Large Millimeter Array', ed. A. Wootten (ASP), p. 89–98

35. **Chemistry in quiescent and star-forming molecular clouds**
Ewine F. van Dishoeck, 2001, in 'Tetons 4: Galactic Structure, Stars and the Interstellar Medium', ASP conference series, vol. 231, eds. C.E. Woodward, M.D. Bicay and J.M. Shull (ASP), p. 244–264

36. **Molecular line surveys of star-forming regions with Herschel (FIRST)**
Ewine F. van Dishoeck, 2001, in 'The Promise of the Herschel Space Observatory', eds. G.L. Pilbratt et al., ESA-SP 460 (Noordwijk), p. 185-194

37. **Space-based observations of the lifecycle of interstellar gas and dust**
Ewine F. van Dishoeck and A.G.G.M. Tielens, 2001, in 'The Century of Space Science', eds. J. Bleeker et al. (Kluwer: Dordrecht), p. 607–645

38. **Formation of planetary systems**
Ewine F. van Dishoeck, 2003, in 'Astronomy, Cosmology and Fundamental Physics', ESO-ESA-CERN Symposium 2002, eds. P.A. Shaver, L. Di Lella and A. Gimenez, ESO Astrophysics series (Springer), pp. 347–358

39. **Chemical changes during star formation: high- versus low-mass YSOs**
Ewine F. van Dishoeck, 2003, in 'Chemistry as a Diagnostic of Star Formation', eds. C.L. Curry & M. Fich, NRC press, pp. 201–213

40. **A submillimeter survey of low-mass protostars**
Ewine F. van Dishoeck, J.K. Jørgensen, S. Maret, C. Ceccarelli, E. Caux, F.L. Schöeier, A. Castets and A.G.G.M. Tielens, 2005, in 'The Dusty and Molecular Universe: a prelude to Herschel and ALMA', ESA SP-577, 191–196

41. **ISO observations of pre-stellar cores and young stellar objects**
B. Nisini, A.A. Kaas, Ewine F. van Dishoeck, D. Ward-Thompson, 2005, Space Science Reviews, **119**, 159–179

42. **Chemistry in low-mass protostellar and protoplanetary regions**
Ewine F. van Dishoeck, 2006, Proc. Nat. Ac. Sci., **103**, 12249–12256; *Cover image and article*

43. **The chemical evolution of protoplanetary disks**
E.A. Bergin, Y. Aikawa, G.A. Blake, and Ewine F. van Dishoeck, 2006, Protostars & Planets V, ed. B. Reipurth, D. Jewitt and K. Keil (Univ. of Arizona, Tucson), 751–766

44. **Spectroscopy and processing of interstellar ice analogs**
Ewine F. van Dishoeck, K. Acharyya, A. Al-Halabi, S. Andersson, S.E. Bisschop, F. van Boekhuizen, H.J. Fraser, G. Fuchs, G.J. Kroes, K.I. Öberg, S. Schlemmer and H. Linnartz, 2006, in Astrochemistry: from laboratory studies to astronomical observations (American Inst. of Physics), vol. 855, 113–121

45. **Star and planet-formation with ALMA: an overview**
Ewine F. van Dishoeck and J.K. Jørgensen, 2008, Astrophys. Space Sci., **313**, 15–22

46. **New observational facilities for new science**
Ewine F. van Dishoeck, 2007, in Molecules in space and laboratory, eds. J.L. Lemaire & F. Combes (S. Diana), 53–58

47. **Organic matter in space – an overview**
Ewine F. van Dishoeck, 2008, in Organic matter in space, IAU symposium 251, eds. S. Kwok & S. Sandford (Cambridge University Press), pp. 3–16

48. **Astrochemistry of dense protostellar and protoplanetary environments**
Ewine F. van Dishoeck, 2009, in Astrophysics in the next decade: JWST and concurrent facilities, eds. H. Thronson, A.G.G.M. Tielens & M. Stiavelli (Springer), Astrophysics & Space Science Library, pp. 187–213

49. **Water in star-forming regions with Herschel**
L.E. Kristensen and Ewine F. van Dishoeck, 2011, Astronomische Nachrichten, **332**, 475

50. **Water in star- and planet-forming regions**
E.A. Bergin and Ewine F. van Dishoeck, 2012, Philosophical Transaction Royal Society A, in press

CONFERENCE CONTRIBUTIONS (not complete)

1. **The rotational populations and abundances of interstellar C_2 and C_2H**
John H. Black and Ewine F. van Dishoeck, 1982, in: Proceedings of the ESA workshop on 'The Scientific Importance of Submillimetre Observations', ed. T. de Graauw, ESA SP-189, 13-20.

2. **Ab initio calculations on photodissociation processes in the OH molecule**
Ewine F. van Dishoeck and A. Dalgarno, 1983, in: Conference report of the 'Second European Workshop on Molecular Spectra and Photon Induced Dynamics', ed. M.J. van der Wiel, AMOLF-Report 83-3, 24-26.

3. **Photodissociation of OH through non-adiabatic interaction**
Ewine F. van Dishoeck, Marc C. van Hemert, A.C. Allison and A. Dalgarno, 1983, ICPEAC XIII Book of Abstracts, ed. J. Eichler et al., Berlin , 48.

4. **Molecular calculations of the cross section for charge transfer. He^{2+} + H in the 20 eV to 10 keV E_{CM} region**

Marc C. van Hemert, Ewine F. van Dishoeck and F. Koike, 1983, ICPEAC XIII Book of Abstracts, ed. J. Eichler et al., Berlin, 556.

5. **Electric dipole moment function of OH from the solar spectrum**
N. Grevesse, A.J. Sauval and Ewine F. van Dishoeck, 1983, Bull. Soc. Chim. Belg., **92**, 845-846.

6. **Photodissociation processes in the OH and HCl molecules**
Ewine F. van Dishoeck, 1985, in 'Molecular Astrophysics - State of the Art and Future Directions', ed. G.H.F. Diercksen et al., Reidel Dordrecht, p. 683–686.

7. **The excitation of interstellar C_2**
Ewine F. van Dishoeck, 1985, in 'Molecular Astrophysics - State of the Art and Future Directions', ed. G.H.F. Diercksen et al., Reidel Dordrecht, p. 681–682.

8. **The rotational excitation of OH in the Orion shocked region**
J.H. Black and Ewine F. van Dishoeck, 1986, in 'Masers, Molecules and Mass Outflows in Star Forming Regions', ed. A.D. Haschick (Haystack Observatory), p. 43–53.

9. **Fluorescent line emission of H_2**
J.H. Black and Ewine F. van Dishoeck, 1987, in IAU Symposium 115 'Star Forming Regions', eds. J. Jugaku and M. Peimbert (Reidel, Dordrecht), p. 139–140.

10. **The rotational excitation of OH in Orion**
Ewine F. van Dishoeck, G. Melnick and J.H. Black, 1987, in IAU Symposium 115 'Star Forming Regions', eds. J. Jugaku and M. Peimbert (Reidel, Dordrecht),p. 176–177.

11. **Translucent molecular clouds: theory and observations**
Ewine F. van Dishoeck and J.H. Black, 1986, in: Summer School on 'Interstellar Processes': Abstracts of Contributed Papers, eds. D.J. Hollenbach and H.A. Thronson, NASA–TM 88342, p. 149–150.

12. **The Swan C_2 (0,0) band in comet P/Halley**
P.A. Wehinger, B.A. Peterson, S. Wyckoff, E. Lindholm, R. Gredel, E.F. van Dishoeck, and J.H. Black, 1986, in Proc. 20^{th} ESLAB Symposium on the Exploration of Halley's Comet, Heidelberg 1986, ESA SP–250, 475–477.

13. **The photochemistry of interstellar CO**
Ewine F. van Dishoeck and John H. Black 1988, in 'Molecular Clouds in the Milky Way and External Galaxies' eds. R.L. Dickman *et al.* (Springer–Verlag).

14. **Millimeter and optical observations of translucent molecular clouds**
Ewine F. van Dishoeck, J.H. Black and T.G. Phillips, 1990, in 'Submillimeter and Millimeter Wave Astronomy' eds. G.D. Watt and A.S. Webster (Kluwer, Dordrecht), p. 103–104.

15. **H_2 emission and CO absorption toward the nucleus of Cen A: A circumnuclear disk?**
E.F. van Dishoeck, F.P. Israel, J. Koornneef, F. Baas, J.H. Black and Th. de Graauw, 1990, in 'Submillimeter and Millimeter Wave Astronomy' eds. G.D. Watt and A.S. Webster (Kluwer, Dordrecht), p. 225–226.

16. **The chemistry of translucent and high–latitude molecular clouds**
Ewine F. van Dishoeck, 1991, in 'Chemistry and Spectroscopy of Interstellar Molecules—A volume in honor of H. Suzuki', ed. D.K. Bohme et al. (Tokio Press), p. 69–74.

17. **CH^+ in translucent molecular clouds: problems for shock models?**
R. Gredel, Ewine F. van Dishoeck and J.H. Black, 1992, in 'Astrochemistry of cosmic phenomena', IAU Symposium 150, ed. P.D. Singh (Kluwer, Dordrecht), 153–154.

18. **The physical and chemical structure of warm, dense regions: IC 63 and IC 443**
D.J. Jansen, Ewine F. van Dishoeck, J.H. Black and T.G. Phillips, 1992, in 'Astrochemistry of cosmic phenomena', IAU Symposium 150, ed. P.D. Singh (Kluwer, Dordrecht), 319–320.

19. **Panel discussion: the CO/H_2 abundance ratio**

Ewine F. van Dishoeck et al., 1992, in 'Astrochemistry of cosmic phenomena', IAU Symposium 150, ed. P.D. Singh (Kluwer, Dordrecht), 285–296.

20. **Interstellar H_3O^+**
T.G. Phillips, Ewine F. van Dishoeck and J.B. Keene, 1992, in 'Astrochemistry of cosmic phenomena', IAU Symposium 150, ed. P.D. Singh (Kluwer, Dordrecht), 191–192.

21. **Preliminary results on the molecular emission from the T Tauri circumstellar disk**
H.J. van Langevelde, Ewine F. van Dishoeck and G.A. Blake, 1993, in IAU Colloquium "Millimetre and Submillimetre Interferometry".

22. **Submillimeter observations of molecular lines in the Orion Bar: towards a physical model**
M.R. Hogerheijde, D.J. Jansen and Ewine F. van Dishoeck, 1995, in 'Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt symposium, eds. G. Winnewisser and G.C. Pelz (Springer), p. 201–202.

23. **Distribution and kinematics of molecular species around T Tauri**
H.J. van Langevelde, Ewine F. van Dishoeck and G.A. Blake, 1995, in 'Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt symposium, eds. G. Winnewisser and G.C. Pelz (Springer), p. 306–307.

24. **The PDR IC 63: observations, physics and chemistry**
D.J. Jansen, Ewine F. van Dishoeck and J.H. Black, 1995, in 'Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt symposium, eds. G. Winnewisser and G.C. Pelz (Springer), p. 203–205.

25. **Physical and chemical variations within the W3 star–forming region**
F.P. Helmich, D.J. Jansen, Th. de Graauw, T.D. Groesbeck and Ewine F. van Dishoeck, 1995, in 'Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt symposium, eds. G. Winnewisser and G.C. Pelz (Springer), p. 254–255.

26. **Millimetre observations of southern translucent clouds**
R. Gredel, Ewine F. van Dishoeck and J.H. Black, 1995, in 'Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt symposium, eds. G. Winnewisser and G.C. Pelz (Springer), p. 54–55.

27. **Atomic carbon emission from shocked and preshocked gas in the IC 443 supernova remnant**
T.G. Phillips, J. Keene and Ewine F. van Dishoeck, 1995, in 'Physics and chemistry of interstellar molecular clouds', 2nd Cologne–Zermatt symposium, eds. G. Winnewisser and G.C. Pelz (Springer), p. 96–97.

28. **Distribution and kinematics of HCO^+ around T Tauri**
H.J. van Langevelde, Ewine F. van Dishoeck and G.A. Blake, 1994, in 'The nature and evolutionary status of Herbig Ae/Be stars', ed. P.S. Thé, M.R. Pérez and E.P.J. van den Heuvel (A.S.P. Conference series), pp. 373–376.

29. **Possible detection of solid formaldehyde towards the embedded source GL 2136**
W.A. Schutte, P.A. Gerakines, E.F. van Dishoeck, J.M. Greenberg, and T.R. Geballe, 1994, in 'Molecules and grains in space' ed. I. Nenner (American Institute of Physics), 73–79.

30. **C I to CO ratio in IC 443 G**
J. Keene, T.G. Phillips, and Ewine F. van Dishoeck, 1996, to appear in 'CO: Twenty–five years of millimeter–wave spectroscopy', IAU Symposium 170, ed. W.B. Latter (Kluwer, Dordrecht).

31. **Dust and CO in the T Tauri Circumstellar Matter**
H.J. van Langevelde, Ewine F. van Dishoeck and G.A. Blake, 1996, to appear in 'CO: Twenty–five years of millimeter–wave spectroscopy', IAU Symposium 170, ed. W.B. Latter (Kluwer, Dordrecht).

32. **High resolution optical spectra of circumstellar molecules of post–AGB stars**
E.J. Bakker, D.L. Lambert and Ewine F. van Dishoeck, 1997, to appear in 'The Carbon Star Phenomena', IAU Symposium 177, ed. (Kluwer, Dordrecht).

33. **Circumstellar molecules in the optical spectra of post-AGB stars**
E.J. Bakker, Ewine F. van Dishoeck, and D.L. Lambert, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 288–289

34. **Chemical evolution of three sources in the W 3 star–forming region**
F.P. Helmich, T.J. Millar, and Ewine F. van Dishoeck, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, p. 78–79

35. **Photodissociation of NH_2**
M.C. van Hemert, R. Vetter, G.J. Kroes, and Ewine F. van Dishoeck, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 190–191

36. **Observations of YSO's in HCO^+ and millimeter dust continuum**
M.R. Hogerheijde, Ewine F. van Dishoeck, G.A. Blake, and H.J. van Langevelde, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, p. 124–125

37. **Photon heating of envelopes around YSO's: an explanation for CO J=6-5 emission**
M.R. Hogerheijde, M. Spaans, L. Mundy, G.A. Blake, and Ewine F. van Dishoeck, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 121–122

38. **Submillimeter observations of cool PDRs**
F. Kemper, M. Spaans, M.R. Hogerheijde, Ewine F. van Dishoeck, and A.G.G.M. Tielens, 1996, 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, p. 59

39. **The excitation and distribution of OH in Cen A: stimulated emission and absorption in conjugate satellite lines**
H.J. van Langevelde, Ewine F. van Dishoeck, M. Sevenster, and A. Basley, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 316–317

40. **A hot, dense core in GL 2591**
B.M. Mattingly, N.J. Evans, F. van der Tak, Ewine F. van Dishoeck, G.A. Blake, and J.P. McMullin, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, p. 80

41. **The low–mass YSO Serpens SMM1: density, temperature and abundances of HCO^+ and H_2CO**
J.M. Salverda, M.R. Hogerheijde, and Ewine F. van Dishoeck, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 126–127

42. **A molecular line and infrared study of NGC 2264 IRS1**
K. Schreyer, F.P. Helmich, Ewine F. van Dishoeck, and Th. Henning, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 83–84

43. **Chemical evolution of collapsing clouds**
O.M. Shalabiea, J.M. Greenberg, and Ewine F. van Dishoeck, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, p. 131

44. **Physical models of the PDR S140: influence of geometry and inhomogeneous structure**

M. Spaans and Ewine F. van Dishoeck, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 63–64

45. **Single dish and interferometer observations of GL 2591**
F. van der Tak, Ewine F. van Dishoeck, F.P. Helmich, B.M. Mattingly, N.J. Evans, and G.A. Blake, 1996, in 'Molecules in Astrophysics: probes & processes', IAU Symposium 178 abstract book, eds. Jansen, D.J., Hogerheijde, M.R. and van Dishoeck, E.F., Leiden Observatory, pp. 81–82

46. **Molecular structure and transition data: report of IAU Commission 14 working group 5**
Ewine F. van Dishoeck, 1997, in 'Reports on Astronomy', Vol. XXIIIIA, ed. I. Appenzeller

47. **Diffuse interstellar clouds: report of IAU Commission 34**
Ewine F. van Dishoeck, 1997, in 'Reports on Astronomy', Vol. XXIIIIA, ed. I. Appenzeller, 405–407

48. **The search for solid O_2 and N_2 with ISO**
P. Ehrenfreund and Ewine F. van Dishoeck, 1998, Advances in Space Research vol. 21, ed. H. Walker, p. 15–20

49. **Early results from the ISO Short Wavelength Spectrometer on the interstellar medium**
Ewine F. van Dishoeck, 1996, in proceedings of the CCP7 workshop on 'Astrophysical spectroscopy at millimetre and far-infrared wavelengths', CCP7 Newsletter, ed. S.J. Jeffreys, p. 34–35

50. **Search for H_2 emission from circumstellar disks around T Tauri stars**
Ewine F. van Dishoeck, G.A. Blake, W.F. Thi, V.G. Mannings, A.I. Sargent, D. Koerner, and L.G. Mundy, 1998, to appear in 'ISO's View on Stellar Evolution', eds. L.B.F.M. Waters, C. Waelkens, K.A. van der Hucht and P.A. Zaal, Kluwer, p. 77–82

51. **Evolution of southern star–forming regions**
P. Ehrenfreund, Ewine F. van Dishoeck, M. Burgdorf, J. Cami, P. van Hoof, W.A. Schutte, W.F. Thi, and A.G.G.M. Tielens 1998, to appear in 'ISO's View on Stellar Evolution', eds. L.B.F.M. Waters, C. Waelkens, K.A. van der Hucht and P.A. Zaal, Kluwer, p. 83–89

52. **ISO–SWS observations of weak bands of trace components of ices in protostellar regions**
W.A. Schutte, J.M. Greenberg, E.F. van Dishoeck, A.G.G.M. Tielens, A.C.A. Boogert, and D.C.B. Whittet, 1998, to appear in 'ISO's View on Stellar Evolution', eds. L.B.F.M. Waters, C. Waelkens, K.A. van der Hucht and P.A. Zaal, Kluwer, p. 61–66

53. **Gas-phase molecular spectroscopy of young stellar objects**
C. Wright, E.F. van Dishoeck, F.P. Helmich, F., Lahuis, A.C.A. Boogert, Th. de Graauw, 1997, in 'FIRST ISO Workshop on Analytical Spectroscopy', ESA SP–419, eds. A.M. Heras et al. (ESTEC, Noordwijk), pp. 37–42.

54. **Weak H_2 emission from translucent clouds**
W.F. Thi, E.F. van Dishoeck, D.J. Jansen, M. Spaans, W. Li, N.J. Evans, D.T. Jaffe, 1997, in 'FIRST ISO Workshop on Analytical Spectroscopy', ESA SP–419, eds. A.M. Heras et al. (ESTEC, Noordwijk), pp. 299–300

55. **ISO–SWS spectroscopy of gas–phase C_2H_2 and HCN toward massive YSO's – data reduction and modeling**
F. Lahuis, and Ewine F. van Dishoeck, 1997, in 'FIRST ISO Workshop on Analytical Spectroscopy', ESA SP–419, eds. A.M. Heras et al. (ESTEC, Noordwijk), pp. 275–276

56. **Ices in star-forming regions: Highlights from ISO, laboratory and theory**
P. Ehrenfreund, A.C.A. Boogert, P.A. Gerakines, W.A. Schutte, W.F. Thi, A.G.G.M. Tielens, B. VandenBussche, Ewine F. van Dishoeck, D.C.B. Whittet, 1997, *in: FIRST ISO Workshop on Analytical Spectroscopy*, ESA SP–419, eds. A.M. Heras et al. (ESTEC, Noordwijk), pp. 3–10

57. **Weak H_2 emission from diffuse and translucent clouds**
W.F. Thi, Ewine F. van Dishoeck, J.H. Black, D.J Jansen, N.J Evans and D.T. Jaffe, in 'The Universe as seen by ISO', eds. P. Cox and M.F. Kessler, ESA-SP 427 (Estec, Noordwijk), 767–770

58. **H_2 emission from disks around Herbig Ae and T Tauri stars**
W.F. Thi, Ewine F. van Dishoeck, G.A. Blake, and 15 co-authors in 'The Universe as seen by ISO', eds. P. Cox and M.F. Kessler, ESA-SP 427 (Estec, Noordwijk), 529–533

59. **Submillimeter and continuum observations of four YSOs in Taurus**
M.R. Hogerheijde, G. Sandell and Ewine F. van Dishoeck, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 118

60. **Detection of interstellar H_2D^+ emission**
R. Stark, F.F.S. van der Tak and Ewine F. van Dishoeck, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 145

60. **H_2O and CO_2 absorption toward massive young stars**
A.M.S. Boonman, Ewine F. van Dishoeck, F. Lahuis, C.M. Wright and J.V. Keane, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 164–165

61. **ISO-SWS spectroscopy of gas-phase C_2H_2 and HCN toward massive YSOs**
F. Lahuis and Ewine F. van Dishoeck, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 177

62. **A 2-D axisymmetric PDR code: molecular lines from the envelopes around protostars**
G.J. van Zadelhoff, Ewine F. van Dishoeck, and M.R. Hogerheijde, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 126

63. **The efficiency of CO hydrogenation on grains: CH_3OH and H_2CO observations of massive young stars**
F.F.S. van der Tak and Ewine F. van Dishoeck, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 190–191

64. **The SURFace REactions SImulation DEvice (SURFRESIDE): A new tool for studying interstellar solid-state chemistry**
W.A. Schutte, Ewine F. van Dishoeck and P. Ehrenfreund, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 221

65. **H_2 emission from disks around pre-main sequence stars with the ISO-SWS**
W.F. Thi, Ewine F. van Dishoeck and 7 co-authors, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 230–231

66. **Organic molecules in disks around Herbig Ae and T Tauri stars**
W.F. Thi, G.J. van Zadelhoff, Ewine F. van Dishoeck, C. Qi and G.A. Blake, 1999, in 'Astrochemistry: from molecular clouds to planetary systems', IAU Symposium 197, contributed papers, ed. J.S. Kim et al. (Korea Astronomy Observatory), p. 232

67. **Gas-phase H_2O and CO_2 toward massive young stars**
A.M.S. Boonman, Ewine F. van Dishoeck, F. Lahuis, C.M. Wright and S.D. Doty, 2000, in 'The 2nd ISO workshop on analytical spectroscopy'. eds. A. Salama et al. ESA-SP 456, p. 67–

68. **Overview of mid-infrared observatories**
Ewine F. van Dishoeck, 2001, in 'Transactions of the XXIV General Assembly of the IAU', Joint Discussion 1 on 'Laboatory Astrophysics', ed. J. Andersen (ASP), in press

69. **Chemistry in the envelopes around massive young stars**

Ewine F. van Dishoeck and F.F.S. van der Tak, 2001, in 'Transactions of the XXIV General Assembly of the IAU', Joint Discussion 3 on 'Massive Star Birth', ed. J. Andersen (ASP), in press

70. **Gas evolution in protoplanetary disks**
W.F. Thi, Ewine F. van Dishoeck, G.J. van Zadelhoff et al. 2001, in 'Planetary Systems in the Universe: Observation, Formation and Evolution', IAU Symposium 202, eds. A.J. Penny et al. (ASP), in press

71. **High-excitation molecular lines from circumstellar disks**
G.J. van Zadelhoff, Ewine F. van Dishoeck, W.F. Thi, G.A. Blake, 2001, in 'Planetary Systems in the Universe: Observation, Formation and Evolution', IAU Symposium 202, eds. A.J. Penny et al. (ASP), in press

72. **From infall to rotation in the envelopes around YSOs**
M.R. Hogerheijde, A.C.A. Boogert, E.F. van Dishoeck, G.A. Blake, 2001, In 'The Origins of Stars and Planets: The VLT View', eds. J. Alves, M. McCaughrean (Springer Verlag), in press

73. **Ices in star-forming regions: first results from VLT-ISAAC**
Ewine F. van Dishoeck, E. Dartois, W.F. Thi, L. d'Hendecourt, A.G.G.M. Tielens, P. Ehrenfreund, W.A. Schutte, K. Pontoppidan, K. Demyk, J. Keane and A.C.A. Boogert, 2002, In 'The Origins of Stars and Planets: The VLT View', eds. J. Alves, M. McCaughrean (Springer Verlag), pp. 238–245

74. **From molecular clouds to planets: prospects for ALMA**
Ewine F. van Dishoeck, 2002, In 'The Origins of Stars and Planets: The VLT View', eds. J. Alves, M. McCaughrean (Springer Verlag), pp. 67–76

75. **Fluorescent UV spectrum of molecular hydrogen in star-forming clouds**
S. Pak, D-H. Lee, Y. Wu, K-W. Min and Ewine F. van Dishoeck, 2002, J. of the Korean Physical Soc., in press

76. **Deciphering chemical reactions in icy environments**
H.J. Fraser, Ewine F. van Dishoeck, A.G.G.M. Tielens, NASA Laboratory Astrophysics Workshop, p. 33

77. **A database of molecular line data for rotational transitions from selected species of astrophysical interest**
F.L. Schöier, F.F.S. van der Tak, Ewine F. van Dishoeck, and J.H. Black, 2003, to appear in 'Chemistry as a Diagnostic of Star Formation', eds. C.L. Curry & M. Fich, NRC press

78. **Does IRAS 16293-2422 contain a hot core? New interferometric results**
F.L. Schöier, J.K. Jørgensen, Ewine F. van Dishoeck, and G.A. Blake, 2003, to appear in 'Chemistry as a Diagnostic of Star Formation', eds. C.L. Curry & M. Fich, NRC press

79. **Molecular abundances in low-mass protostellar envelopes**
J.K. Jørgensen, F.L. Schöier, and Ewine F. van Dishoeck, 2003, to appear in 'Chemistry as a Diagnostic of Star Formation', eds. C.L. Curry & M. Fich, NRC press

80. **Results from a VLT-ISAAC survey of ices and gas around young stellar objects**
K.M. Pontoppidan, H. Fraser, F.L. Schöier, E. Dartois, W.F. Thi, and Ewine F. van Dishoeck, 2003, to appear in 'Chemistry as a Diagnostic of Star Formation', eds. C.L. Curry & M. Fich, NRC press

81. **Sulphur chemistry in the envelopes of massive young stars**
F.F.S. van der Tak, A.M.S. Boonman, R. Braakman, and Ewine F. van Dishoeck, 2003, to appear in 'Chemistry as a Diagnostic of Star Formation', eds. C.L. Curry & M. Fich, NRC press

82. **SURFRESIDE: a novel experiment to study surface chemistry under interstellar and protostellar conditions**
H.J. Fraser and Ewine F. van Dishoeck, 2004, Adv. in Space Res., **33**, 14–22

83. **2D/3D Continuum Modeling of Proto-Planetary Disks Observed in the c2d Spitzer Legacy Program**
K.M. Pontoppidan, C.P. Dullemond, G.A. Blake, Ewine F. van Dishoeck, and the c2d team, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8248

84. **Spectral mapping of rotational lines of H_2 in the Serpens star-forming core with Spitzer-IRS**
Z. Banhidi and the c2d team, including Ewine F. van Dishoeck, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8253

85. **Disk evolution in Serpens after c2d Spitzer mapping**
B. Merí and the c2d team, including Ewine F. van Dishoeck, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8269

86. **Investigating grain growth in disks around southern T Tauri stars at long wavelengths**
D.J. Lommen, Ewine F. van Dishoeck, C. Wright, J. Jørgensen, T. Bourke, D. Wilner, S. Maddison, A. Hughes, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8331

87. **Hot organic chemistry in the inner part of protoplanetary disks**
F. Lahuis and the c2d team, including Ewine F. van Dishoeck, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8340

88. **PAHs in circumstellar disks around T Tauri stars**
V.C. Geers and the c2d team, including Ewine F. van Dishoeck, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8409

89. **The distribution of gas and dust around the protostellar binary IRAS 16293-2422**
F.L. Schöier, J.K. Jørgensen and the c2d team, including Ewine F. van Dishoeck, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8497

90. **Probing the inner 200 AU of low-mass protostars with the Submillimeter Array**
J.K. Jørgensen, T.L. Bourke, P.C. Myers, D.J. Wilner, F.L. Schöier, Ewine F. van Dishoeck and the Prosac Team. 2005, Protostars & Planets V, LPI contribution no. 1286, p.8349

91. **The effects of infall and source evolution on the chemistry of massive star-forming regions**
S.D. Doty, Ewine F. van Dishoeck and J.C. Tan, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8353

92. **Testing grain-surface chemistry in hot-core regions**
S.E. Bisschop, Ewine F. van Dishoeck and J.K. Jørgensen. 2005, Protostars & Planets V, LPI contribution no. 1286, p.8376

93. **Water in the envelopes of low-mass protostars**
T.A. van Kempen, M.R. Hogerheijde, Ewine F. van Dishoeck and J.K. Jørgensen, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8396

94. **Protostars and planets with JWST-MIRI**
Ewine F. van Dishoeck, B. Merin, B. Brandl and the MIRI Science Team, 2005, Protostars & Planets V, LPI contribution no. 1286, p.8404

95. **The JWST MIRI instrument concept**
G.S. Wright, G.H. Rieke and 16 co-authors including Ewine F. van Dishoeck, SPIE, 5487, 653

96. **The JCMT spectral legacy survey**
R. Plume, G.A. Fuller, F.P. Helmich and 30 co-authors including Ewine F. van Dishoeck, 2007, Proc. Astron. Soc. Pac., **119**, 102–111

97. **Exploring the near-infrared at high spatial and spectral resolution: first results from CRIRES science verification**
R. Siebenmorgen, A. Smette, H.U. Kufl, and 32 co-authors, including Ewine F. van Dishoeck, 2007, The Messenger, **128**, 17–20

98. **The James Clerk Maxwell Telescope legacy survey of nearby star-forming regions in the Gould Belt**
D. Ward-Thompson, J. di Francesco, J. Hatchell, and 59 co-authors, including Ewine F. van Dishoeck, 2007, Proc. Astron. Soc. Pac., **119**, 855–870

99. **Precursors of complex organic molecules: NH_3 and CH_3OH in the ices surrounding low-mass protostars**
S. Bottinelli, A.C.A. Boogert, Ewine F. van Dishoeck, M. Beckwith, J. Bouwman, H. Linnartz, and K.I. Öberg, 2008, in Organic matter in space, IAU symposium 251, eds. S. Kwok & S. Sandford (Cambridge University Press), pp. 105–110

100. **Chemical changes during transport from cloud to disk**
R. Visser, Ewine F. van Dishoeck and S.D. Doty, 2008, in Organic matter in space, IAU symposium 251, eds. S. Kwok & S. Sandford (Cambridge University Press), pp. 111–116

101. **Solid CH_4 toward low-mass protostars: how much is there to build complex organics?**
K.I. Öberg, A.C.A. Boogert, K.M. Pontoppidan, G.A. Blake, N.J. Evans, F. Lahuis, and Ewine F. van Dishoeck, 2008, in Organic matter in space, IAU symposium 251, eds. S. Kwok & S. Sandford (Cambridge University Press), pp. 127–128

102. **The eSMA: description and first results**
S. Bottinelli, K.H. Young, R. Chamberlin, and 14 co-authors including Ewine F. van Dishoeck, 2008, SPIE Vol. 7012, pp. 70120D–70120D-12

103. **METIS: the mid-infrared E-ELT imager and spectrograph**
B.R. Brandl, R. Lenzen, E. Pantin, and 19 co-authors including Ewine F. van Dishoeck, 2008, SPIE Vol. 7014, 70141N–70141N-15

104. **Design and development of MIRI, the mid-IR instrument for JWST**
G.S. Wright, G. Rieke, P. Burella, and 18 co-authors including Ewine F. van Dishoeck, 2008, SPIE Vol. 70100, pp. 70100T–70100T-10

105. **Sun-bathing around low-mass protostars: APEX-CHAMP+ observations of high-J CO**
Ewine F. van Dishoeck, T.A. van Kempen, and R. Güsten, 2010, in Submillimeter astrophysics and technology, a symposium honoring Thomas G. Phillips, ed. D. Lis et al. (ASP Conference Series 417), 203–210

106. **Astrochemistry: building on Dalgarno's legacy**
Ewine F. van Dishoeck, 2010, in Proceedings of the Dalgarno celebratory symposium, ed. J.F. Babb, K. Kirby, H. Sadeghpour (Imperial College Press), p.72–

107. **Progress with the design and development of MIRI, the mid-IR instrument for JWST**
G.S. Wright, G. Rieke, T. Boeker, and 20 co-authors including Ewine F. van Dishoeck, 2010, SPIE Vol. 7731, pp. 77310E–77310E-10

108. **Instrument concept and science case for the mid-IR E-ELT imager and spectrograph METIS**
B.R. Brandl, R. Lenzen, E. Pantin, and 18 co-authors including Ewine F. van Dishoeck, 2010, SPIE Vol. 7735, 77352G–77352G-16

109. **METIS: system engineering and optical design of the mid-infrared E-ELT instrument**
R. Lenzen, B.R. Brandl, E. Pantin, and 22 co-authors including Ewine F. van Dishoeck, 2010, SPIE Vol. 7735, 77357O–77357O-12

POPULAR PAPERS

1. **Berekening van spectroscopische eigenschappen van twee-atomige moleculen**
Ewine F. van Dishoeck en Marc van Hemert, 1984, 19^{e} botsbrief van de NNV sectie atomaire botsingsfysica en spectroscopie, 6-10.

2. **Absorption lines of interstellar C_2 and CN molecules**
Ewine F. van Dishoeck and J.H. Black, 1984, The Messenger, **38**, 16–19.

3. **Moleculen in interstellaire wolken**
Ewine F. van Dishoeck, Ned. Tijdschr. voor Natuurkunde A, 1985, **51**, 38-40.

4. **Chemistry at high galactic latitudes: CH, CH^+ and CN absorption lines**
Ewine F. van Dishoeck and C.P. de Vries, 1988, The Messenger, **53**, 47.

5. **Scheikunde tussen de sterren**
Ewine F. van Dishoeck, Natuur & Techniek 1992, 60, 12, 914–927.

6. **De studie van donkere wolken en jonge sterren: op zoek naar het geheime recept voor stervorming**
H.J. van Langevelde and Ewine F. van Dishoeck, Zenit 1995, 4, 148–153.

7. **Moleculen tussen de sterren: een interdisciplinaire puzzel**
Ewine F. van Dishoeck, 1996, oratie, University of Leiden

8. **Wat speelt zich af in de kraamkamer van sterren?**
Ewine F. van Dishoeck, 1996, NWO Spinoza dag 1996

9. **Interstellaire moleculen en de vorming van sterren**
Ewine F. van Dishoeck, 1996, H.M. Genootschap Diligentia, Natuurkundige Voordrachten 74, 101–112

10. **Chemische processen tijdens de vorming van sterren: eerste ISO resultaten**
Ewine F. van Dishoeck and W.A. Schutte, 1998, Zenit, 1, 39–43

11. **De levensloop van sterren en planeten**
Ewine F. van Dishoeck, 1998, Studiehuis project Teleac/NOT, ed. M. van der Heijden,
`http://www.omroep.nl/teleacnot/`

12. **Laboratorium simulaties van chemische processen op het oppervlak van interstellaire stofdeeltjes**
W.A. Schutte and Ewine F. van Dishoeck, Nevacblad, **37**, p. 39

13. **Mysterieuze chemie in de ruimte**
Ewine F. van Dishoeck, 1999, in 'Chemystery', CDL Almanak 1999

14. **Astrochemistry: from molecular clouds to planetary systems: IAU symposium 197**
Ewine F. van Dishoeck, 2000, Pub. Astron. Soc. Pac., **112** 286–287

15. **Van molecuul tot planeet**
Ewine F. van Dishoeck, Spinoza 2000 lezing

16. **Sterren en planeten uit interstellaire materie**
Ewine F. van Dishoeck, 2001, in 'Evolutie in Weer- en Sterrenkunde' 100-jaar NVWS, eds. M. Drummen, C. de Jager & H. van Woerden (Woerden: Zuidam), Ch. 5, pp. 63–78

17. **Searching for the building blocks of planets**
Ewine F. van Dishoeck, 2001, in Verslag KNAW afdeling Natuurkunde, deel 110, nr. 8, pp. 246–253

18. **Oorsprong van sterren, planeten en het leven**
Ewine F. van Dishoeck, 2002, Zenit, juni, pp. 262–267

19. **Detection of DCO^+ in the TW Hya circumstellar disk**
Ewine F. van Dishoeck, Wing-Fai Thi & Gerd-Jan van Zadelhoff, 2003, JCMT Newsletter, vol. 20.

20. **ISO helpt de evolutie van jonge zware sterren te ontrafelen**
    A. Gloudemans-Boonman & Ewine F. van Dishoeck, 2004, Zenit, vol. 31(1), pp. 10–14
21. **Van moleculen tot planeten**
    Ewine F. van Dishoeck, NVOX, Tijdschrift voor natuurwetenschap op school, 2004, vol. 29(1), pp. 28–31
22. **Origin and evolution of ices in star-forming Regions: A VLT-ISAAC 3-5 μm spectroscopic survey**
    Ewine F. van Dishoeck, E. Dartois, K.M. Pontoppidan, W.-F. Thi, L. d"Hendecourt, A.C.A. Boogert, H.J. Fraser, W.A. Schutte, and A.G.G.M. Tielens, 2003, Messenger, **113**, 49–55; *Cover image*
23. **Ijzige procesen in de ruimte**
    Ewine F. van Dishoeck, 2005, Physica Lezing, Ned. Tijdschrift voor Natuurkunde, **mei**, 146–149
24. **Water in het heelal**
    Ewine F. van Dishoeck, 2007, Zenit, juni, 264–268
25. **Ice in the nurseries of stars and planets**
    Ewine F. van Dishoeck, 2007, in 'Findings on Ice', PARS foundation, ed. H. Aardse & A. van Baalen (Lars Müller publishers), 38–40
26. **Nieuwe werelden**
    Ewine F. van Dishoeck, 2009, Dies oratie, Leiden University (English version available)
27. **Water in space**
    Ewine F. van Dishoeck, 2011, Europhysics News, 42, p. 26–31

BOOKS

1. **Molecules in Astrophysics: Probes and Processes, IAU 178 Abstract book**
   D.J. Jansen, M.R. Hogerheijde and Ewine F. van Dishoeck, eds., 1996, (Leiden Observatory Press), p. 1–340
2. **Molecules in Astrophysics: Probes and Processes, IAU Symposium 178 proceedings**
   Ewine F. van Dishoeck, ed., 1997, (Kluwer, Dordrecht), p. 1–588
3. **Astrochemistry: From Molecular Clouds to Planetary Systems, IAU Symposium 197 proceedings**
   Young C. Minh and Ewine F. van Dishoeck, eds., 2000, (ASP), p. 1–597