Here is an almost complete list of Max's publications:

Bernstein, M.P., Sandford, S.A. Mattioda, A.L., Allamandola, L. J. (2007) Near- and Mid-Infrared Laboratory Spectra of PAH Cations in Solid H_2O *ApJ*, in press

Elsila, J.E.; Dworkin, J.P.; Bernstein, M.P., Martin, M.P.; Sandford, S.A. (2007) Mechanisms of Amino Acid Formation in Interstellar Ice Analogs *ApJ*, **660**, 911-918.

Chaban, G.M.; Bernstein, M.P., Cruikshank, D.P. (2007) Carbon dioxide on planetary bodies: Theoretical and experimental studies of molecular complexes *Icarus*, **187**, 592-599.

Bernstein, M.P., (2006) Prebiotic materials from on and off the early Earth. *Phil. Trans. R. Soc. B* **361**, 1689–1702.

Bernstein, M.P., Cruikshank, D.P., Sandford, S.A., (2006) Near-infrared spectra of laboratory H_2O CH_4 ice mixtures. *Icarus*, **181**, 302-308.

Elsila, J.E., Hammond, M.R., Bernstein, M.P Sandford S.A.. Zare, Richard N. (2006) UV photolysis of quinoline in interstellar ice analogs *Meteoritics*, **41**, 785-796.

Bernstein, M.P., Cruikshank, D.P., Sandford, S.A., (2005) Near-infrared laboratory spectra of solid H_2O/CO_2 and CH_3OH/CO_2 ice mixtures. Icarus, 179, 527-534.

Bernstein, M.P., Mattioda, A.L., Sandford, S.A., and Hudgins, D.M.H., (2005) Laboratory Infrared Spectra of Polycyclic Aromatic Nitrogen Heterocycles: Quinoline, and Phenanthridine in Solid Argon and H_2O *ApJ* **626**, 909-918..

Bernstein, M.P., Sandford, S.A., and Allamandola, L. J. (2005) The Mid-Infrared Absorption Spectra of Neutral PAHs in Dense Interstellar Clouds. *ApJSS* **161** 53-64.

Bernstein, M.P., Sandford, S.A., and Walker R. L. (2005) Laboratory IR Spectra of 4-azachrysene in Solid H_2O *Advances in Space Research*. **36**, 166-172.

Sandford, S. A., Bernstein, M. P., & Allamandola, L. J. (2004). The Mid-Infrared Laboratory Spectra of Naphthalene ($C_{10}H_8$) in Solid H_2O. *Astrophys. J.* **607**, 346-360.

Bernstein, M. P., Bauschlicher, C.W. Jr., & Sandford, S. A. (2004). The Infrared Spectrum of Matrix Isolated Aminoacetonitrile, a Precursor to the Amino Acid Glycine. *Advances in Space Research* **33**, 40-43.

Dworkin, J. P., Gillette, J. S., Bernstein, M. P., Sandford, S. A., Allamandola, L. J., Elsila, J. E., McGlothlin, D. R., & Zare, R. N. (2004). An Evolutionary Connection Between Interstellar Ices and IDPs? Clues from Mass Spectroscopy Measurements of Laboratory Simulations. *Advances in Space Research* **33**, 67-71.

Bernstein, M. P., Ashbourn, S., Sandford, S. A., & Allamandola, L. J. (2004). The Lifetimes of Nitriles (-C≡N) and Acids (-COOH) During Ultraviolet Photolysis and Their Survival in Space. *Astrophys. J.* **601**, 365-370.

Bernstein, M. P., Moore, M. H., Elsila, J. E., Sandford, S. A., Allamandola, L. J., & Zare, R. N. (2003). Side group Addition to the PAH Coronene by proton Irradiation in Cosmic Ice Analogs. *Astrophys. J.* **582**, L25–L29.

Deamer, D., Dworkin, J. P., Sandford, S. A., Bernstein, M. P., & Allamandola, L. J. (2002). The First Cell Membranes. *Astrobiology* **2**, #4, 371-381.

Bernstein, M. P., Elsila, J. E., Dworkin, J. P., Sandford, S. A., Allamandola, L. J., & Zare, R. N. (2002). Side group Addition to the PAH Coronene by UV Photolysis in Cosmic Ice analogs. *Astrophys. J.* **576**, 1115-1120.

Bernstein, M. P., Dworkin, J. P., Sandford, S. A., Cooper, G. W., & Allamandola, L. J. (2002). The Formation of Racemic Amino Acids by Ultraviolet Photolysis of Interstellar Ice Analogs. *Nature* **416**, 401-403.

Sandford, S. A., Bernstein, M. P., & Dworkin, J. P. (2001). Assessment of the interstellar processes leading to deuterium enrichment in meteoritic organics. *Meteoritics and Planetary Science* **36**, 1117-1133.

Bernstein, M. P., Dworkin, J., Sandford, S. A., & Allamandola, L. J. (2001). Ultraviolet Irradiation of Naphthalene in H_2O Ice: Implications for Meteorites and Biogenesis. *Meteoritics and Planetary Science* **36**, 351-358.

Ehrenfreund, P., Bernstein, M. P., Dworkin, J. P., Sandford, S. A., & Allamandola, L. J. (2001). The Photostability of Amino Acids in Space. *Astrophys. J.* **550**, L95-L99.

Sandford, S. A., Bernstein, M. P., Allamandola, L. J., Goorvitch, D., & Teixeira, T. C. V. S. (2001). The Abundances of Solid N_2 and Gaseous CO_2 in Interstellar Dense Molecular Clouds. *Astrophys. J.* **548**, 836-851.

Bernstein, M. P., Sandford, S. A.,& Allamandola, L. J. (2000). Molecules from Space and the Origin of Life. In *The Scientific American Book of the Cosmos,* D. Levi (ed.), (Byron Preiss Visual Publications, Inc. and Scientific American), pp. 265-272.

Bernstein, M. P., Sandford, S. A., Allamandola, L. J., Dworkin, J. P., Gillette, S. J., & Zare, R. N. (2000). Formation of Prebiotic Molecules in Interstellar and Cometary Ices. In *Bioastronomy '99: A new Era in Bioastronomy*, eds. G. Lemarchand & K. Meech, ASP Conf. Series, Vol. 213, (Sheridan Books: Chelsea, MI), pp. 197-205.

Bernstein, M. P., Sandford, S. A., & Allamandola, L. J. (2000). H, C, N, and O Isotopic Substitution Studies of the 2165 cm^{-1} (4.62 μm) "XCN" Feature Produced by UV Photolysis of Mixed Molecular Ices. *Astrophys. J.* **542**, 894-897.

Sandford, S. A., Bernstein, M. P., Allamandola, L. J., Gillette, J. S., & Zare, R. N. (2000). Deuterium Enrichment of PAHs by Photochemically Induced Exchange with Deuterium-rich Cosmic Ices. *Astrophys. J.* **538**, 691-697.

Chiar, J. E., Tielens, A. G. G. M., Whittet, D. C. B., Schutte, W. A., Boogert, A. C. A., Lutz, D., van Dishoeck, E. F., & Bernstein, M.,P., (2000). The Composition and Distribution of Dust Along the Line of Sight Towards the Galactic Center. *Astrophys. J.* **537** , 749-762.

Bernstein, M. P., & Sandford, S. A. (1999). Variations in the Strength of the Infrared Forbidden 2328.2 cm^{-1} Fundamental of Solid N_2 in Binary Mixtures. *Spectrochimica Acta A* **55**, 2455-2466.

Allamandola, L. J., Bernstein, M. P., Sandford, S. A., & Walker, R. L. (1999). Evolution of Interstellar Ices. In *Composition and Origin of Cometary Materials*, International Space Science Institute Book Series, Vol. 8, *Space Science Reviews* **90**, #1-2, K. Altwegg, P. Ehrenfreund, J. Geiss, & W. Huebner (eds.), (Kluwer Academic Publishers: Dordrecht), pp. 219-232.

Bernstein, M. P., Sandford, S. A., & Allamandola, L. J. (1999). Life's Far-Flung Raw Materials. *Scientific American* **281**, #1, 42-49 (cover story).

Bernstein, M. P., Sandford, S. A., Allamandola, L. J., Gillette, J. S., Clemett, S. J., & Zare, R. N. (1999). UV Irradiation of Polycyclic Aromatic Hydrocarbons in Ices: Production of Alcohols, Quinones, and Ethers. *Science* **283**, 1135-1138.

Pendleton, Y. J.; Tielens, A. G. G. M.; Tokunaga, A. T.; Bernstein, M. P. (1999) The Interstellar 4.62 Micron Band. *Astrophys. J*, **513**. 294-304.

Sandford, S. A., Allamandola, L. J., & Bernstein, M. P. (1998). Organic Chemistry: From the Interstellar Medium to the Solar System. In *ORIGINS*, Astron. Soc. Pacific Conf. Series, Vol. 148, Proceedings of the International Conference, Estes Park, Colorado, 19-23 May, 1997, C. E. Woodward, J. M. Shull, & H. A. Thronson, Jr. (eds.), (ASP: San Francisco), pp. 392-414.

Bernstein, M. P. Water Ice on Comets and Satellites (1998) *Earth, Moon, and Planets*, **80**, 35-50.

Cruikshank, D. P.; Roush, T. L.; Bartholomew, M. J.; Geballe, T. R.; Pendleton, Y. J.; White, S. M.; Bell, J. F.; Davies, J. K.; Owen, T. C.; de Bergh, C, Tholen, D. J.; Bernstein, M. P.; Brown, R. H.; Tryka, K. A.; Dalle Ore, C. M. (1998) The Composition of Centaur 5145 Pholus. *Icarus*, **135**, 389-407

Sandford, S. A., Allamandola, L. J., & Bernstein, M. P. (1997). The Composition and Ultraviolet and Thermal Processing of Interstellar Ices. In *From Star Dust to Planetesimals*, Astron. Soc. Pac. Conf. Ser., Vol. 122, Y. J. Pendleton & A. G. G. M. Tielens (eds.), (ASP: San Francisco), pp. 201-213.

Bernstein, M. P., Allamandola, L. J., & Sandford, S. A. (1997). Complex Organics in Laboratory Simulations of Interstellar/Cometary Ices. In *Complex Organics in Space*, 31st COSPAR Scientific Assembly, July 1996, Birmingham, UK, *Advances in Space Research* **19**, #7, 991-998.

Bernstein, M. P., Sandford, S. A., & Allamandola, L. J. (1997). The Infrared Spectra of Nitriles and Related Compounds Frozen in Ar and H_2O. *Astrophys. J.* **476**, 932-942.

Allamandola, L. J., Bernstein, M. P., & Sandford, S. A. (1997). Photochemical evolution of interstellar/precometary organic material. In *Astronomical and Biochemical Origins and the Search for Life in the Universe*, C.B. Cosmovici, S. Bowyer, & D. Werthimer (eds.), Proc. 5th International Conf. on Bioastronomy, IAU Coll. #161, Capri, 1-5 July 1996, (Editrice Compositori: Bologna), pp. 23-47.

Brett L Lucht, Max P. Bernstein, Julius F. Remenar, and Dr. David Collum, (1996) Polydentate Amine and Ether Solvates of of Lithium Hexamethyldisilazide (LiHMDS): Relationship of Ligand Structure, Relative Solvation Energy, and Aggregation State. *J. Amer. Chem. Soc.* **118**, 10707

Bernstein, M. P., Sandford, S. A., & Allamandola, L. J. (1996). Hydrogenated Polycyclic Aromatic Hydrocarbons (H_n-PAHs) and the 2940 and 2850 Wavenumber (3.40 and 3.51 Micron) Infrared Emission Features. *Astrophys. J.* **472**, L127-L130.

Bernstein, M. P., Allamandola, L. J., Sandford, S. A., & Chang, S. (1996). The Photo Production of Organic Molecules in Cometary and Interstellar Ice Analogs. In *Circumstellar Habitable Zones*, ed. L. R. Doyle, (Travis House Publ.: Menlo Park, CA), pp. 305-316.

Bernstein, M. P., Sandford, S. A., Allamandola, L. J., Chang, S., & Scharberg, M. A. (1995). Organic Compounds Produced by Photolysis of Realistic Interstellar and Cometary Ice Analogs Containing Methanol. *Astrophys. J.* **454**, 327-344.

Bernstein, M. P., Sandford, S. A., Allamandola, L. J., & Chang, S. (1994). Infrared Spectrum of Matrix-Isolated Hexamethylenetetramine in Ar and H_2O at Cryogenic Temperatures. *J. Phys. Chem.* **98**, 12206-12210.

Floyd E. Romesberg, Max P. Bernstein, James H. Gilchrist, David J. Fuller, Aidan T. Harrison, and David B. Collum, (1993). On the Structure of Lithium Hexamethyldisilazide (LiHMDS) in the Presence of Hexamethylphosphoramide (HMPA). Spectroscopic and Computational Studies of Monomers, Dimers, and Triple Ions. *J. Amer. Chem. Soc.* **115**, 3475

Bernstein, M. P., & Collum, D. B. (1993). Metalation of Imines by Lithium Diisopropylamide Solvation by N,N,N',N'-Tetramethylethylene diamine: Evidence for Solvent-Free Open Dimer Reactive Intermediates. J. Amer. Chem. Soc. 115, 789.

Bernstein, M. P., & Collum, D. B. (1993). Solvent and Substrate-Dependent Rates of Imine Metalations by Lithium Diisopropylamide: Understanding the Mechanisms Underlying Krel. J. Amer. Chem. Soc. 115, 8008.

Bernstein, M. P., Romesberg, F. E., Fuller, D. J., Harrison, A. T., Collum, D. B., Liu, Q.-Y., & Willard, P. G. (1992). The Structure and Reactivity of Lithium Diisopropylamide in the Presence of N,N,N,'N' Tetramethylethylenediamine (TMEDA). J. Amer. Chem. Soc. 114, 5100.

Yong-Joo Kim, Max P. Bernstein, Angela S. Galiano Roth, Floyd E. Romesberg, Paul G. Willard, David J. Fuller, Aidan T. Harrison, and David B. Collum, (1991) "On the Structure and Reactivity of Lithium Diisopropylamide in Hydrocarbon Solutions" Journal of Organic Chemistry, 56, 4435.