

**Brilliant Light Power, Inc. Publications:
Journals, Proceedings and Books**

1. R. Mills, Y. Lu, R. Frazer, “Power Determination and Hydrino Product Characterization of Ultra-low Field Ignition of Hydrated Silver Shots”, *Chinese Journal of Physics*, Vol. 56, (2018), pp. 1667-1717.
2. R. Mills *The Grand Unified Theory of Classical Physics* September 2016 Edition posted at <http://brilliantlightpower.com/book-download-and-streaming/>.
3. R. Mills, J. Lotoski, Y. Lu, “Mechanism of soft X-ray continuum radiation from low-energy pinch discharges of hydrogen and ultra-low field ignition of solid fuels”, *Plasma Science and Technology*, Vol. 19, (2017), pp. 1-28.
4. R. Mills J. Lotoski, “H₂O-based solid fuel power source based on the catalysis of H by HOH catalyst”, *Int’l J. Hydrogen Energy*, Vol. 40, (2015), 25-37.
5. R. Mills, J. Lotoski, J. Kong, G. Chu, J. He, J. Trevey, “High-Power-Density Catalyst Induced Hydrino Transition (CIHT) Electrochemical Cell.” *Int. J. Hydrogen Energy*, 39 (2014), pp. 14512–14530 DOI: 10.1016/j.ijhydene.2014.06.153.
6. R. Mills, Letter to the Editor, “Response to a comment to Catalyst-Induced Hydrino Transition (CIHT) electrochemical cell of D. Sundholm”, *Int. J. Energy Res.* (2014).
7. R. Mills, J. Lotoski, W. Good, J. He, “Solid Fuels that Form HOH Catalyst,” *Int’l J. Hydrogen Energy*, Vol. 39 (2014), pp. 11930–11944 DOI: 10.1016/j.ijhydene.2014.05.170.
8. R. L. Mills, R. Booker, Y. Lu, “Soft X-ray Continuum Radiation from Low-Energy Pinch Discharges of Hydrogen,” *J. Plasma Physics*, doi: 10.1017/S0022377812001109, Published online: January 3, 2013, 19 pages.
9. R. Mills, X Yu, Y. Lu, G Chu, J. He, J. Lotoski, “Catalyst induced hydrino transition (CIHT) electrochemical cell,” (2012), *Int. J. Energy Res.*, (2013), DOI: 10.1002/er.3142.
10. R. L. Mills, Y. Lu, “Time-Resolved Hydrino Continuum Transitions with Cutoffs at 22.8 nm and 10.1 nm,” *Eur. Phys. J. D*, Vol. 64, (2011), 65–72, doi: 10.1140/epjd/e2011-20246-5.
11. R. L. Mills, G. Zhao, K. Akhtar, Z. Chang, J. He, X. Hu, G. Wu, J. Lotoski, G. Chu, “Thermally Reversible Hydrino Catalyst Systems as a New Power Source,” *Int. J. Green Energy*, Vol. 8, (2011), 429–473.
12. W. Xie, R. L. Mills, W. Good, A. Makwana, B. Holverstott, N. Hogle, “Millsian 2.0: A Molecular Modeling Software for Structures, Charge Distributions and Energetics of Biomolecules,” *Physics Essays*, Vol. 24, (2011) 200–212.

13. R. L. Mills, J. Lotoski, G. Zhao, K. Akhtar, Z. Chang, J. He, X. Hu, G. Wu, G. Chu and Y. Lu, "Identification of New Hydrogen States," *Physics Essays*, Vol. 24, (2011), 95–117; doi:10.4006/1.3544207.
14. R. L. Mills, M. Nansteel, W. Good, G. Zhao, "Design for a BlackLight Power Multi-Cell Thermally Coupled Reactor Based on Hydrogen Catalyst Systems," *Int. J. Energy Research*, Vol. 36, (2012), 778-788; doi: 10.1002/er.1834.
15. R. L. Mills, G. Zhao, W. Good, "Continuous Thermal Power System," *Applied Energy*, Vol. 88, (2011) 789–798, doi: 10.1016/j.apenergy.2010.08.024.
16. R. L. Mills, G. Zhao, K. Akhtar, Z. Chang, J. He, X. Hu, G. Wu, J. Lotoski, G. Chu, "Thermally Reversible Hydrino Catalyst Systems as a New Power Source," *Prep. Pap. Am. Chem. Soc., Div. Fuel Chem.* 2010, 55 (2), 252.
17. R. L. Mills, Y. Lu, "Hydrino Continuum Transitions with Cutoffs at 22.8 nm and 10.1 nm," *Int. J. Hydrogen Energy*, Vol. 35, (2010), 8446–8456, doi: 10.1016/j.ijhydene.2010.05.098.
18. R. L. Mills, B. Holverstott, W. Good, A. Makwana, "Total Bond Energies of Exact Classical Solutions of Molecules Generated by Millsian 1.0 Compared to Those Computed Using Modern 3-21G and 6-31G* Basis Sets," *Phys. Essays*, Vol. 23, (2010), 153–199; doi: 10.4006/1.3310832.
19. R. L. Mills, K. Akhtar, "Fast H in Hydrogen Mixed Gas Microwave Plasmas when an Atomic Hydrogen Supporting Surface Was Present," *Int. J. Hydrogen Energy*, Vol. 35, (2010), pp. 2546–2555, doi: 10.1016/j.ijhydene.2009.12.148.
20. R. L. Mills, K. Akhtar, G. Zhao, Z. Chang, J. He, X. Hu, G. Chu, "Commercializable Power Source Using Heterogeneous Hydrino Catalysts," *Int. J. Hydrogen Energy*, Vol. 35, (2010), pp. 395–419, doi: 10.1016/j.ijhydene.2009.10.038.
21. R. L. Mills, Y. Lu, K. Akhtar, "Spectroscopic Observation of Helium-Ion- and Hydrogen-Catalyzed Hydrino Transitions," *Cent. Eur. J. Phys.*, Vol. 8, (2010), 318–339, doi: 10.2478/s11534-009-0106-9.
22. R. Mills, W. Good, P. Jansson, J. He, "Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride Ion formed by and Exothermic Catalytic Reaction of Atomic Hydrogen and Certain Group I Catalysts," *Cent. Eur. J. Phys.*, Vol. 8, (2010), 7–16, doi: 10.2478/s11534-009-0052-6.
23. K. Akhtar, J. Scharer, R. L. Mills, "Substantial Doppler Broadening of Atomic Hydrogen Lines in DC and Capacitively Coupled RF Plasmas," *J. Phys. D: Appl. Phys.*, Vol. 42, Issue 13 (2009), 135207 (12pp).

24. R. Mills, W. Good, J. He, "Excess Power and the Product Molecular Hydrino $H_2(1/4)$ Generated in a K_2CO_3 Electrolysis Cell," *Electrochimica Acta*, Vol. 54, (2009), 4229–4236.
25. R. L. Mills, K. Akhtar, "Tests of Features of Field-Acceleration Models for the Extraordinary Selective H Balmer α Broadening in Certain Hydrogen Mixed Plasmas," *Int. J. Hydrogen Energy*, Vol. 34, (2009), 6465–6477.
26. R. L. Mills, G. Zhao, K. Akhtar, Z. Chang, J. He, Y. Lu, W. Good, G. Chu, B. Dhandapani, "Commercializable Power Source from Forming New States of Hydrogen," *Int. J. Hydrogen Energy*, Vol. 34, (2009), 573–614.
27. R. L. Mills, "Physical Solutions of the Nature of the Atom, Photon, and Their Interactions to Form Excited and Predicted Hydrino States," *Physics Essays*, Vol. 20, (2007), 403–460.
28. R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium which Predicts Conjugate Parameters from a Unique Solution for the First Time," *Physics Essays*, Vol. 21(2), (2008), 103–141.
29. R. L. Mills, P. C. Ray, R. M. Mayo, M. Nansteel, W. Good, P. Jansson, B. Dhandapani, J. He, "Hydrogen Plasmas Generated Using Certain Group I Catalysts Show Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride," *Res. J. Chem Env.*, Vol. 12(2), (2008), 42–72.
30. R. L. Mills, B. Dhandapani, K. Akhtar, "Excessive Balmer α Line Broadening of Water-Vapor Capacitively-Coupled RF Discharge Plasmas," *Int. J. Hydrogen Energy*, Vol. 33, (2008), 802–815.
31. R. L. Mills, J. He, M. Nansteel, B. Dhandapani, "Catalysis of Atomic Hydrogen to New Hydrides as a New Power Source," *International Journal of Global Energy Issues (IJGEI). Special Edition in Energy Systems*, Vol. 28, issue 2–3, (2007), 304–324.
32. R. L. Mills, H. Zea, J. He, B. Dhandapani, "Water Bath Calorimetry on a Catalytic Reaction of Atomic Hydrogen," *Int. J. Hydrogen Energy*, Vol. 32, (2007), 4258–4266.
33. J. Phillips, C. K. Chen, K. Akhtar, B. Dhandapani, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," *Int. J. Hydrogen Energy*, Vol. 32(14), (2007), 3010–3025.
34. R. L. Mills, J. He, Y. Lu, M. Nansteel, Z. Chang, B. Dhandapani, "Comprehensive Identification and Potential Applications of New States of Hydrogen," *Int. J. Hydrogen Energy*, Vol. 32(14), (2007), 2988–3009.
35. R. L. Mills, J. He, Z. Chang, W. Good, Y. Lu, B. Dhandapani, "Catalysis of Atomic Hydrogen to Novel Hydrogen Species $H(1/4)$ and $H_2(1/4)$ as a New Power Source," *Int. J. Hydrogen Energy*, Vol. 32(13), (2007), pp. 2573–2584.

36. R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," *Physics Essays*, Vol. 19, (2006), 225–262.
37. R. L. Mills, P. Ray, B. Dhandapani, Evidence of an energy transfer reaction between atomic hydrogen and argon II or helium II as the source of excessively hot H atoms in radio-frequency plasmas, *J. Plasma Physics*, Vol. 72, No. 4, (2006), 469–484.
38. R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," *Physics Essays*, Vol. 18, (2005), 321–361.
39. R. L. Mills, P. C. Ray, R. M. Mayo, M. Nansteel, B. Dhandapani, J. Phillips, "Spectroscopic Study of Unique Line Broadening and Inversion in Low Pressure Microwave Generated Water Plasmas," *J. Plasma Physics*, Vol. 71, No 6, (2005), 877–888.
40. R. L. Mills, "The Fallacy of Feynman's Argument on the Stability of the Hydrogen Atom According to Quantum Mechanics," *Ann. Fund. Louis de Broglie*, Vol. 30, No. 2, (2005), pp. 129–151.
41. R. L. Mills, B. Dhandapani, J. He, "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," *Materials Chemistry and Physics*, 94/2–3, (2005), 298–307.
42. R. L. Mills, J. He, Z. Chang, W. Good, Y. Lu, B. Dhandapani, "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source," *Prepr. Pap.—Am. Chem. Soc. Conf., Div. Fuel Chem.*, Vol. 50, No. 2, (2005).
43. R. L. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," *Thin Solid Films*, 478, (2005) 77–90.
44. R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," *Physics Essays*, Vol. 17, (2004), 342–389.
45. R. L. Mills, P. Ray, "Stationary Inverted Lyman Population and a Very Stable Novel Hydride Formed by a Catalytic Reaction of Atomic Hydrogen and Certain Catalysts," *J. Opt. Mat.*, 27, (2004), 181–186.
46. R. L. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," *European Physical Journal: Applied Physics*, 28, (2004), 83–104.
47. J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," *J. Appl. Phys.*, Vol. 96, No. 6, (2004) 3095–3102.
48. R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," *Division of Fuel*

- Chemistry, Session: Advances in Hydrogen Energy, Prepr. Pap.—Am. Chem. Soc. Conf., Vol. 49, No. 2, (2004).
49. R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, “Synthesis of HDLC Films from Solid Carbon,” *J. Materials Science, J. Mater. Sci.* 39 (2004) 3309–3318.
 50. R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, B. Dhandapani, “Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source,” Division of Fuel Chemistry, Session: Chemistry of Solid, Liquid, and Gaseous Fuels, Prepr. Pap.—Am. Chem. Soc. Conf., Vol. 49, No. 1, (2004).
 51. R. L. Mills, “Classical Quantum Mechanics,” *Physics Essays*, Vol. 16, (2003), 433–498.
 52. R. L. Mills, P. Ray, M. Nansteel, J. He, X. Chen, A. Voigt, B. Dhandapani, “Characterization of an Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source,” *Am. Chem. Soc. Div. Fuel Chem. Prepr.*, Vol. 48, No. 2, (2003).
 53. R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, “Spectroscopic Characterization of the Atomic Hydrogen Energies and Densities and Carbon Species During Helium-Hydrogen-Methane Plasma CVD Synthesis of Diamond Films,” *Chemistry of Materials*, Vol. 15, (2003), pp. 1313–1321.
 54. R. L. Mills, P. Ray, “Extreme Ultraviolet Spectroscopy of Helium-Hydrogen Plasma,” *J. Phys. D, Applied Physics*, Vol. 36, (2003), pp. 1535–1542.
 55. R. L. Mills, X. Chen, P. Ray, J. He, B. Dhandapani, “Plasma Power Source Based on a Catalytic Reaction of Atomic Hydrogen Measured by Water Bath Calorimetry,” *Thermochimica Acta*, Vol. 406/1–2, (2003), pp. 35–53.
 56. R. L. Mills, B. Dhandapani, J. He, “Highly Stable Amorphous Silicon Hydride,” *Solar Energy Materials & Solar Cells*, Vol. 80, No. 1, (2003), pp. 1–20.
 57. R. L. Mills, P. Ray, R. M. Mayo, “The Potential for a Hydrogen Water-Plasma Laser,” *Applied Physics Letters*, Vol. 82, No. 11, (2003), pp. 1679–1681.
 58. R. L. Mills, P. Ray, “Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts,” *J. Phys. D, Applied Physics*, Vol. 36, (2003), pp. 1504–1509.
 59. R. L. Mills, P. Ray, B. Dhandapani, J. He, “Comparison of Excessive Balmer α Line Broadening of Inductively and Capacitively Coupled RF, Microwave, and Glow Discharge Hydrogen Plasmas with Certain Catalysts,” *IEEE Transactions on Plasma Science*, Vol. 31, No. 3, (2003), pp. 338–355.
 60. R. L. Mills, P. Ray, R. M. Mayo, “CW HI Laser Based on a Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Group I Catalysts,” *IEEE Transactions on Plasma Science*, Vol. 31, No. 2, (2003), pp. 236–247.

61. R. L. Mills, P. Ray, J. Dong, M. Nansteel, B. Dhandapani, J. He, "Spectral Emission of Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," *Vibrational Spectroscopy*, Vol. 31, No. 2, (2003), pp. 195–213.
62. H. Conrads, R. L. Mills, Th. Wrubel, "Emission in the Deep Vacuum Ultraviolet from a Plasma Formed by Incandescently Heating Hydrogen Gas with Trace Amounts of Potassium Carbonate," *Plasma Sources Science and Technology*, Vol. 12, (2003), pp. 389–395.
63. R. L. Mills, J. He, P. Ray, B. Dhandapani, X. Chen, "Synthesis and Characterization of a Highly Stable Amorphous Silicon Hydride as the Product of a Catalytic Helium-Hydrogen Plasma Reaction," *Int. J. Hydrogen Energy*, Vol. 28, No. 12, (2003), pp. 1401–1424.
64. R. L. Mills, P. Ray, "A Comprehensive Study of Spectra of the Bound-Free Hyperfine Levels of Novel Hydride Ion, Hydrogen, Nitrogen, and Air," *Int. J. Hydrogen Energy*, Vol. 28, No. 8, (2003), pp. 825–871.
65. R. L. Mills, M. Nansteel, and P. Ray, "Excessively Bright Hydrogen-Strontium Plasma Light Source Due to Energy Resonance of Strontium with Hydrogen," *J. Plasma Physics*, Vol. 69, (2003), pp. 131–158.
66. R. L. Mills, "Highly Stable Novel Inorganic Hydrides," *J. New Materials for Electrochemical Systems*, Vol. 6, (2003), pp. 45–54.
67. R. L. Mills, P. Ray, "Substantial Changes in the Characteristics of a Microwave Plasma Due to Combining Argon and Hydrogen," *New Journal of Physics*, www.njp.org, Vol. 4, (2002), pp. 22.1–22.17.
68. R. M. Mayo, R. L. Mills, M. Nansteel, "Direct Plasmadynamic Conversion of Plasma Thermal Power to Electricity," *IEEE Transactions on Plasma Science*, October, (2002), Vol. 30, No. 5, pp. 2066–2073.
69. R. L. Mills, M. Nansteel, P. Ray, "Bright Hydrogen-Light Source due to a Resonant Energy Transfer with Strontium and Argon Ions," *New Journal of Physics*, Vol. 4, (2002), pp. 70.1–70.28.
70. R. M. Mayo, R. L. Mills, M. Nansteel, "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Microdistributed Power Applications," *IEEE Transactions on Plasma Science*, August, (2002), Vol. 30, No. 4, pp. 1568–1578.
71. R. M. Mayo, R. L. Mills, "Direct Plasmadynamic Conversion of Plasma Thermal Power to Electricity for Microdistributed Power Applications," 40th Annual Power Sources Conference, Cherry Hill, NJ, June 10–13, (2002), pp. 1–4.

72. R. L. Mills, E. Dayalan, P. Ray, B. Dhandapani, J. He, "Highly Stable Novel Inorganic Hydrides from Aqueous Electrolysis and Plasma Electrolysis," *Electrochimica Acta*, Vol. 47, No. 24, (2002), pp. 3909–3926.
73. R. L. Mills, P. Ray, B. Dhandapani, R. M. Mayo, J. He, "Comparison of Excessive Balmer α Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts," *J. of Applied Physics*, Vol. 92, No. 12, (2002), pp. 7008–7022.
74. R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion," *J. Mol. Struct.*, Vol. 643, No. 1–3, (2002), pp. 43–54.
75. R. L. Mills, J. Dong, W. Good, P. Ray, J. He, B. Dhandapani, "Measurement of Energy Balances of Noble Gas-Hydrogen Discharge Plasmas Using Calvet Calorimetry," *Int. J. Hydrogen Energy*, Vol. 27, No. 9, (2002), pp. 967–978.
76. R. L. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Rubidium Ion with Atomic Hydrogen and the Hydride Ion Product," *Int. J. Hydrogen Energy*, Vol. 27, No. 9, (2002), pp. 927–935.
77. R. L. Mills, A. Voigt, P. Ray, M. Nansteel, B. Dhandapani, "Measurement of Hydrogen Balmer Line Broadening and Thermal Power Balances of Noble Gas-Hydrogen Discharge Plasmas," *Int. J. Hydrogen Energy*, Vol. 27, No. 6, (2002), pp. 671–685.
78. R. L. Mills, N. Greenig, S. Hicks, "Optically Measured Power Balances of Glow Discharges of Mixtures of Argon, Hydrogen, and Potassium, Rubidium, Cesium, or Strontium Vapor," *Int. J. Hydrogen Energy*, Vol. 27, No. 6, (2002), pp. 651–670.
79. R. L. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," *Int. J. Hydrogen Energy*, Vol. 27, No. 5, (2002), pp. 565–590.
80. R. L. Mills, P. Ray, "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Hydrogen Molecular Ion," *Int. J. Hydrogen Energy*, Vol. 27, No. 5, (2002), pp. 533–564.
81. R. L. Mills, M. Nansteel, P. Ray, "Argon-Hydrogen-Strontium Discharge Light Source," *IEEE Transactions on Plasma Science*, Vol. 30, No. 2, (2002), pp. 639–652.
82. R. L. Mills, P. Ray, "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter," *Int. J. Hydrogen Energy*, (2002), Vol. 27, No. 3, pp. 301–322.
83. R. L. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product," *Int. J. Hydrogen Energy*, Vol. 27, No. 2, (2002), pp. 183–192.
84. R. L. Mills, E. Dayalan, "Novel Alkali and Alkaline Earth Hydrides for High Voltage and High Energy Density Batteries," *Proceedings of the 17th Annual Battery Conference on*

- Applications and Advances, California State University, Long Beach, CA, (January 15–18, 2002), pp. 1–6.
85. R. L. Mills, W. Good, A. Voigt, Jinqun Dong, “Minimum Heat of Formation of Potassium Iodo Hydride,” *Int. J. Hydrogen Energy*, Vol. 26, No. 11, (2001), pp. 1199–1208.
 86. R. L. Mills, “The Nature of Free Electrons in Superfluid Helium—a Test of Quantum Mechanics and a Basis to Review its Foundations and Make a Comparison to Classical Theory,” *Int. J. Hydrogen Energy*, Vol. 26, No. 10, (2001), pp. 1059–1096.
 87. R. L. Mills, “Spectroscopic Identification of a Novel Catalytic Reaction of Atomic Hydrogen and the Hydride Ion Product,” *Int. J. Hydrogen Energy*, Vol. 26, No. 10, (2001), pp. 1041–1058.
 88. R. L. Mills, B. Dhandapani, M. Nansteel, J. He, A. Voigt, “Identification of Compounds Containing Novel Hydride Ions by Nuclear Magnetic Resonance Spectroscopy,” *Int. J. Hydrogen Energy*, Vol. 26, No. 9, (2001), pp. 965–979.
 89. R. L. Mills, T. Onuma, and Y. Lu, “Formation of a Hydrogen Plasma from an Incandescently Heated Hydrogen-Catalyst Gas Mixture with an Anomalous Afterglow Duration,” *Int. J. Hydrogen Energy*, Vol. 26, No. 7, July, (2001), pp. 749–762.
 90. R. L. Mills, “Observation of Extreme Ultraviolet Emission from Hydrogen-KI Plasmas Produced by a Hollow Cathode Discharge,” *Int. J. Hydrogen Energy*, Vol. 26, No. 6, (2001), pp. 579–592.
 91. R. L. Mills, B. Dhandapani, M. Nansteel, J. He, T. Shannon, A. Echezuria, “Synthesis and Characterization of Novel Hydride Compounds,” *Int. J. of Hydrogen Energy*, Vol. 26, No. 4, (2001), pp. 339–367.
 92. R. L. Mills, “Temporal Behavior of Light-Emission in the Visible Spectral Range from a Ti-K₂CO₃-H-Cell,” *Int. J. Hydrogen Energy*, Vol. 26, No. 4, (2001), pp. 327–332.
 93. R. L. Mills, M. Nansteel, and Y. Lu, “Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance,” *Int. J. Hydrogen Energy*, Vol. 26, No. 4, (2001), pp. 309–326.
 94. R. L. Mills, “BlackLight Power Technology—A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity,” *Proceedings of the National Hydrogen Association, 12th Annual U.S. Hydrogen Meeting and Exposition, Hydrogen: The Common Thread*, The Washington Hilton and Towers, Washington DC, (March 6–8, 2001), pp. 671–697.
 95. R. L. Mills, “The Grand Unified Theory of Classical Quantum Mechanics,” Global Foundation, Inc. Orbis Scientiae entitled *The Role of Attractive and Repulsive*

- Gravitational Forces in Cosmic Acceleration of Particles The Origin of the Cosmic Gamma Ray Bursts*, (29th Conference on High Energy Physics and Cosmology Since 1964) Dr. Behram N. Kursunoglu, Chairman, December 14–17, 2000, Lago Mar Resort, Fort Lauderdale, FL, Kluwer Academic/Plenum Publishers, New York, pp. 243–258.
96. R. L. Mills, B. Dhandapani, N. Greenig, J. He, “Synthesis and Characterization of Potassium Iodo Hydride,” *Int. J. of Hydrogen Energy*, Vol. 25, Issue 12, December, (2000), pp. 1185–1203.
 97. R. L. Mills, “The Hydrogen Atom Revisited,” *Int. J. of Hydrogen Energy*, Vol. 25, Issue 12, December, (2000), pp. 1171–1183.
 98. R. L. Mills, “BlackLight Power Technology—A New Clean Energy Source with the Potential for Direct Conversion to Electricity,” Global Foundation International Conference on “Global Warming and Energy Policy,” Dr. Behram N. Kursunoglu, Chairman, Fort Lauderdale, FL, November 26–28, 2000, Kluwer Academic/Plenum Publishers, New York, pp. 187–202.
 99. R. L. Mills, J. Dong, Y. Lu, “Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Certain Catalysts,” *Int. J. Hydrogen Energy*, Vol. 25, (2000), pp. 919–943.
 100. R. L. Mills, “Novel Inorganic Hydride,” *Int. J. of Hydrogen Energy*, Vol. 25, (2000), pp. 669–683.
 101. R. L. Mills, “Novel Hydrogen Compounds from a Potassium Carbonate Electrolytic Cell,” *Fusion Technol.*, Vol. 37, No. 2, March, (2000), pp. 157–182.
 102. R. L. Mills, W. Good, “Fractional Quantum Energy Levels of Hydrogen,” *Fusion Technology*, Vol. 28, No. 4, November, (1995), pp. 1697–1719.
 103. R. L. Mills, W. Good, R. Shaubach, “Dihydrino Molecule Identification,” *Fusion Technol.*, Vol. 25, (1994), 103.
 104. R. L. Mills and S. Kneizys, *Fusion Technol.* Vol. 20, (1991), 65.
 105. R. L. Mills, *The Grand Unified Theory of Classical Physics*, August 2011 Edition, BlackLight Power, Inc., Cranbury, New Jersey, Available at www.blacklightpower.com.