

Jonathan D Weinstein

List of Publications by Year in descending order

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papers

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docs citations

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708
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiative properties of rubidium atoms trapped in solid neon and parahydrogen. Physical Review A, 2021, 103, .	1.0	3
2	High-purity solid parahydrogen. Review of Scientific Instruments, 2021, 92, 073202.	0.6	4
3	Optical and spin-coherence properties of rubidium atoms trapped in solid neon. Physical Review A, 2021, 104, .	1.0	5
4	Ultralong Spin-Coherence Times for Rubidium Atoms in Solid Parahydrogen via Dynamical Decoupling. Physical Review Letters, 2020, 125, 043601.	2.9	11
5	Electrostatic guiding of the methyldiyne radical at cryogenic temperatures. European Physical Journal D, 2020, 74, 1.	0.6	1
6	Searching for Ultralight Dark Matter with Optical Cavities. Physical Review Letters, 2019, 123, 031304.	2.9	47
7	Enhanced spin coherence of rubidium atoms in solid parahydrogen. Physical Review B, 2019, 100, .	1.1	10
8	Spin coherence and optical properties of alkali-metal atoms in solid parahydrogen. Physical Review A, 2019, 100, .	1.0	12
9	Shaped nozzles for cryogenic buffer-gas beam sources. Physical Review A, 2019, 99, .	1.0	5
10	Cold Anisotropically Interacting van der Waals Molecule: TiHe. Physical Review Letters, 2017, 118, 213401.	2.9	12
11	Longitudinal Spin Relaxation of Optically Pumped Rubidium Atoms in Solid Parahydrogen. Physical Review Letters, 2016, 117, 175301.	2.9	12
12	Method for traveling-wave deceleration of buffer-gas beams of CH. Physical Review A, 2014, 90, .	1.0	15
13	Spectroscopic Detection of the LiHe Molecule. Physical Review Letters, 2013, 110, 153201.	2.9	52
14	Optical pumping of rubidium atoms frozen in solid argon. Physical Review A, 2013, 88, .	1.0	12
15	Inelastic collisions of CaH with He at cryogenic temperatures. Molecular Physics, 2013, 111, 1711-1715.	0.8	7
16	Chemical Reactions of Atomic Lithium and Molecular Calcium Monohydride at 1 K. Physical Review Letters, 2012, 108, 203201.	2.9	35
17	Electromagnetically induced transparency in an open multilevel system. Physical Review A, 2011, 84, .	1.0	1
18	Inelastic titanium-titanium collisions. Physical Review A, 2009, 79, .	1.0	13

#	ARTICLE	IF	CITATIONS
19	Fine-structure-changing collisions in atomic titanium. Physical Review A, 2008, 77, .	1.0	25
20	Spectroscopy of laser-ablated buffer-gas-cooled PbO at 4 K and the prospects for measuring the electric dipole moment of the electron. Physical Review A, 2001, 63, .	1.0	56
21	Zeeman spectroscopy of CaH molecules in a magnetic trap. Journal of Chemical Physics, 1999, 110, 2376-2383.	1.2	41
22	Magnetic trapping of calcium monohydride molecules at millikelvin temperatures. Nature, 1998, 395, 148-150.	13.7	433
23	Spectroscopy of buffer-gas cooled vanadium monoxide in a magnetic trapping field. Journal of Chemical Physics, 1998, 109, 2656-2661.	1.2	49