

# Evaporative cooling of the dipolar hydroxyl radical

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Multivalence Resonance-Condensation Model for Electron Pairing and Superconductivity in HighTcSuperconductors: A Possible Novel and Universal Origin of Superconductivity. Japanese Journal of Applied Physics, 1989, 28, 2468-2478.	0.8	4
2	Cool molecules. Nature, 2012, 492, 364-365.	13.7	0
3	Go with the lows. Nature, 2012, 492, 365-365.	13.7	0
4	Quantum degenerate mixtures of strontium and rubidium atoms. Physical Review A, 2013, 88, .	1.0	109
5	Manipulation of molecules with electromagnetic fields. Molecular Physics, 2013, 111, 1648-1682.	0.8	235
6	Laser cooling of rotation and vibration by optical pumping. Molecular Physics, 2013, 111, 1844-1854.	0.8	8
7	Production of translationally cold barium monohalide ions. Physical Review A, 2013, 88, .	1.0	8
8	Experimental methods of molecular matter-wave optics. Reports on Progress in Physics, 2013, 76, 086402.	8.1	50
9	Analytical study of level crossings in the Stark-Zeeman spectrum of ground state OH. European Physical Journal D, 2013, 67, 1.	0.6	2
10	Fine structure of open-shell diatomic molecules in combined electric and magnetic fields. Molecular Physics, 2013, 111, 1865-1878.	0.8	7
11	Multichannel quantum defect theory for cold molecular collisions with a strongly anisotropic potential energy surface. Physical Review A, 2013, 87, .	1.0	3
12	Static Trapping of Polar Molecules in a Traveling Wave Decelerator. Physical Review Letters, 2013, 110, 133003.	2.9	48
13	2D Magneto-Optical Trapping of Diatomic Molecules. Physical Review Letters, 2013, 110, 143001.	2.9	323
14	Sunlight and free radicals. Nature Chemistry, 2013, 5, 637-639.	6.6	16
15	Ground-state OH molecule in combined electric and magnetic fields: Analytic solution of the effective Hamiltonian. Physical Review A, 2013, 88, .	1.0	8
16	Chemical reaction versus vibrational quenching in low energy collisions of vibrationally excited OH with O. Journal of Chemical Physics, 2013, 139, 194305.	1.2	16
17	Controllable surface electrostatic velocity filter for polar molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 145303.	0.6	0
18	Deceleration and trapping of ammonia molecules in a traveling-wave decelerator. Physical Review A, 2013, 88, .	1.0	21

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20	Ultracold molecular collisions in combined electric and magnetic fields. <i>Physical Review A</i> , 2013, 88, .	1.0	18
21	Ultracold Hydrogen Atoms: A Versatile Coolant to Produce Ultracold Molecules. <i>Physical Review Letters</i> , 2013, 111, 203004.	2.9	12
22	Formation of $N$ -body polymer molecules through generalized stimulated Raman adiabatic passage. <i>Physical Review A</i> , 2013, 87, .	1.0	12
23	Associative detachment of rubidium hydroxide. <i>Physical Review A</i> , 2013, 88, .	1.0	7
24	Elastic and inelastic collisions of $2\text{Li}$ molecules in a magnetic field. <i>Physical Review A</i> , 2013, 88, .	1.0	5
25	Nonadiabatic Effects in Ultracold Molecules via Anomalous Linear and Quadratic Zeeman Shifts. <i>Physical Review Letters</i> , 2013, 111, 243003.	2.9	33
26	Dynamics of an electric dipole moment in a stochastic electric field. <i>Physical Review E</i> , 2013, 88, 022127.	0.8	4
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35	Spin Waves and Dielectric Softening of Polar Molecule Condensates. <i>Physical Review Letters</i> , 2014, 112, 135301.	2.9	3
36	Laser cooling and slowing of CaF molecules. <i>Physical Review A</i> , 2014, 89, .	1.0	238

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54	Stark-potential evaporative cooling of polar molecules in a novel optical-access opened electrostatic trap. Chinese Physics B, 2015, 24, 113101.	0.7	1

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79	Ultra-sensitive cavity ring-down spectroscopy in the mid-infrared spectral region. <i>Optics Letters</i> , 2016, 41, 1612.	1.7	27
80	Principles and Design of a Zeeman-Sisyphus Decelerator for Molecular Beams. <i>ChemPhysChem</i> , 2016, 17, 3609-3623.	1.0	27
81	Unraveling Cold Molecular Collisions: Stark Decelerators in Crossed-Beam Experiments. <i>ChemPhysChem</i> , 2016, 17, 3583-3595.	1.0	10
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