

Emulating optical cycling centers in polyatomic molecu

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optical cycling, radiative deflection and laser cooling of barium monohydride ($^{138}\text{Ba}^1\text{H}$). <i>New Journal of Physics</i> , 2020, 22, 083047.	1.2	26
2	Towards accurate prediction for laser-coolable molecules: relativistic coupled-cluster calculations for yttrium monoxide and prospects for improving its laser cooling efficiencies. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26167-26177.	1.3	10
3	Molecular Asymmetry and Optical Cycling: Laser Cooling Asymmetric Top Molecules. <i>Physical Review X</i> , 2020, 10, .	2.8	43
4	Long-Range N π Bonding by Rydberg Electrons. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2284-2290.	2.1	8
5	Two Cycling Centers in One Molecule: Communication by Through-Bond Interactions and Entanglement of the Unpaired Electrons. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1297-1304.	2.1	25
6	Laser-cooled molecules. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2021, , 157-262.	2.3	37
7	Enhanced sensitivity to ultralight bosonic dark matter in the spectra of the linear radical SrOH. <i>Physical Review A</i> , 2021, 103, .	1.0	26
8	Accurate prediction and measurement of vibronic branching ratios for laser cooling linear polyatomic molecules. <i>Journal of Chemical Physics</i> , 2021, 155, 091101.	1.2	30
9	Polyatomic molecules as quantum sensors for fundamental physics. <i>Quantum Science and Technology</i> , 2020, 5, 044011.	2.6	54
10	Prospects for laser cooling of polyatomic molecules with increasing complexity. <i>Physical Review Research</i> , 2020, 2, .	1.3	32
11	Full-dimensional quantum scattering calculations on ultracold atom-molecule collisions in magnetic fields: The role of molecular vibrations. <i>Physical Review Research</i> , 2020, 2, .	1.3	7
12	High Phase-Space Density of Laser-Cooled Molecules in an Optical Lattice. <i>Physical Review Letters</i> , 2021, 127, 263201.	2.9	26
13	A combined experimental and computational study on the transition of the calcium isopropoxide radical as a candidate for direct laser cooling. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8749-8762.	1.3	2
14	Geometry optimizations with spinor-based relativistic coupled-cluster theory. <i>Journal of Chemical Physics</i> , 2022, 156, 151101.	1.2	5
15	Multivalent optical cycling centers: towards control of polyatomics with multi-electron degrees of freedom. <i>Physical Chemistry Chemical Physics</i> , 2022, 25, 154-170.	1.3	3