

Debayan Mitra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3425251/publications.pdf>

Version: 2024-02-01

12
papers

750
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum control of molecules for fundamental physics. <i>Physical Review A</i> , 2022, 105, .	2.5	21
2	Magneto-optical trapping and sub-Doppler cooling of a polyatomic molecule. <i>Nature</i> , 2022, 606, 70-74.	27.8	72
3	Direct laser cooling of calcium monohydride molecules. <i>New Journal of Physics</i> , 2022, 24, 083006.	2.9	8
4	Establishing a nearly closed cycling transition in a polyatomic molecule. <i>Physical Review A</i> , 2021, 103, .	2.5	28
5	Fast and high-yield loading of a D_2 magneto-optical trap of potassium from a cryogenic buffer-gas beam. <i>Physical Review A</i> , 2021, 104, .	2.5	28
6	Assessment and mitigation of aerosol airborne SARS-CoV-2 transmission in laboratory and office environments. <i>Journal of Occupational and Environmental Hygiene</i> , 2020, 17, 447-456.	1.0	34
7	Direct laser cooling of a symmetric top molecule. <i>Science</i> , 2020, 369, 1366-1369.	12.6	114
8	1D Magneto-Optical Trap of Polyatomic Molecules. <i>Physical Review Letters</i> , 2020, 124, 133201.	7.8	69
9	Bad metallic transport in a cold atom Fermi-Hubbard system. <i>Science</i> , 2019, 363, 379-382.	12.6	167
10	Quantum gas microscopy of an attractive Fermi-Hubbard system. <i>Nature Physics</i> , 2018, 14, 173-177.	16.7	79
11	Spin-imbalance in a 2D Fermi-Hubbard system. <i>Science</i> , 2017, 357, 1385-1388.	12.6	118
12	Phase Separation and Pair Condensation in a Spin-Imbalanced 2D Fermi Gas. <i>Physical Review Letters</i> , 2016, 117, 093601.	7.8	36