

Michael Mills

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8406974/publications.pdf>

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8
papers

143
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of mixed hypermetallic oxide BaOCa ⁺ from laser-cooled reagents in an atom-ion hybrid trap. <i>Science</i> , 2017, 357, 1370-1375.	12.6	58
2	Reaction blockading in a reaction between an excited atom and a charged molecule at low collision energy. <i>Nature Chemistry</i> , 2019, 11, 615-621.	13.6	41
3	Efficient repumping of a Ca magneto-optical trap. <i>Physical Review A</i> , 2017, 96, .	2.5	13
4	Excitation-assisted nonadiabatic charge-transfer reaction in a mixed atom-ion system. <i>Physical Review A</i> , 2019, 99, .	2.5	9
5	Engineering Excited-State Interactions at Ultracold Temperatures. <i>Physical Review Letters</i> , 2019, 122, 233401.	7.8	8
6	High-resolution collision energy control through ion position modulation in atom-ion hybrid systems. <i>Review of Scientific Instruments</i> , 2018, 89, 083112.	1.3	7
7	Dipole-phonon quantum logic with alkaline-earth monoxide and monosulfide cations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24964-24973.	2.8	6
8	Increase of the barium ion-trap lifetime via photodissociation. <i>Physical Review A</i> , 2021, 104, .	2.5	1