

Kuang Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11947668/publications.pdf>

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9
papers

460
citations

1039406

9
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of a Large Chemical Reaction Rate between Ultracold Closed-Shell Ca Atoms and Open-Shell Yb Ions. <i>Nature</i> , 2013, 495, 490-494.	2.9	127
2	Evidence for sympathetic vibrational cooling of translationally cold molecules. <i>Nature</i> , 2013, 495, 490-494.	13.7	103
3	Neutral Gas Sympathetic Cooling of an Ion in a Paul Trap. <i>Physical Review Letters</i> , 2014, 112, 143009.	2.9	60
4	An integrated ion trap and time-of-flight mass spectrometer for chemical and photo-reaction dynamics studies. <i>Review of Scientific Instruments</i> , 2012, 83, 043103.	0.6	38
5	Trapping molecular ions formed via photo-associative ionization of ultracold atoms. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 18859.	1.3	29
6	Laser-Cooling-Assisted Mass Spectrometry. <i>Physical Review Applied</i> , 2014, 2, .	1.5	28
7	Blue-sky bifurcation of ion energies and the limits of neutral-gas sympathetic cooling of trapped ions. <i>Nature Communications</i> , 2016, 7, 12448.	5.8	27
8	Molecular-ion trap-depletion spectroscopy of BaCl . <i>Physical Review A</i> , 2011, 83, .	1.0	26
9	Measurement of the Coulomb Logarithm in a Radio-Frequency Paul Trap. <i>Physical Review Letters</i> , 2013, 110, 173003.	2.9	22