

Eberhard Tiemann

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

474
citations

933447

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h-index

888059

17
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18
all docs

18
docs citations

18
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the production of ultracold ground-state RbCs molecules: Feshbach resonances, weakly bound states, and the coupled-channel model. Physical Review A, 2012, 85, .	2.5	131
2	Potassium ground-state scattering parameters and Born-Oppenheimer potentials from molecular spectroscopy. Physical Review A, 2008, 78, .	2.5	65
3	State-to-state chemistry for three-body recombination in an ultracold rubidium gas. Science, 2017, 358, 921-924.	12.6	61
4	Single-Atom Quantum Probes for Ultracold Gases Boosted by Nonequilibrium Spin Dynamics. Physical Review X, 2020, 10, .	8.9	55
5	Feshbach spectroscopy and dual-species Bose-Einstein condensation of NaK mixtures. Physical Review A, 2019, 100, 023401.	2.5	30
6	The $X^2\Sigma^+$ state of LiCa studied by Fourier-transform spectroscopy. Journal of Chemical Physics, 2011, 135, 174303.	3.0	26
7	Spectroscopic study of the $2^2\Sigma^+$ and the $4^2\Sigma^+$ excited states of LiCa. Journal of Chemical Physics, 2013, 138, 114306.	3.0	16
8	Tailored Single-Atom Collisions at Ultralow Energies. Physical Review Letters, 2019, 122, 013401.	7.8	14
9	Feshbach resonances in NaK mixtures. Physical Review A, 2019, 100, 023401.	2.5	13
10	Observation of dipolar splittings in high-resolution atom-loss spectroscopy of LiLi molecules. Physical Review A, 2019, 100, 023401.	2.5	11
11	Laser and Fourier transform spectroscopy of $^7\text{Li}^{88}\text{Sr}$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 235103.	1.5	10
12	Beyond Born-Oppenheimer approximation in ultracold atomic collisions. Physical Review Research, 2020, 2, .	3.6	10
13	Mixing of Rb_2 and Rb_2^+ observed in the hyperfine and Zeeman structure of ultracold Rb_2 molecules. New Journal of Physics, 2015, 17, 083032.	2.9	8
14	Laser and Fourier-transform spectroscopy of KCa. Physical Review A, 2017, 96, .	2.5	7
15	Spin-Conservation Propensity Rule for Three-Body Recombination of Ultracold Rb Atoms. Physical Review Letters, 2022, 128, 133401.	7.8	7
16	The coupled system $(2^2\Sigma^+)^+$ and $(1^2\Sigma^+)^+$ of $^7\text{Li}^{88}\text{Sr}$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 065102.	1.5	5
17	Structure of deeply bound levels of the Rb_2 state of Rb_2 . Physical Review A, 2019, 100, 023401.	2.5	4
18	Renaissance in diatomic spectroscopy. , 2013, , .		1