

# Eberhard Tiemann

## List of Publications by Year in descending order

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18  
papers

474  
citations

933447

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h-index

888059

17  
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18  
docs citations

18  
times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-Conservation Propensity Rule for Three-Body Recombination of Ultracold Rb Atoms. Physical Review Letters, 2022, 128, 133401.	7.8	7
2	The coupled system $(2)^2\Sigma^+$ and $(1)^2\Delta$ of $^7\text{Li}^{88}\text{Sr}$ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 065102.	1.5	5
3	Beyond Born-Oppenheimer approximation in ultracold atomic collisions. Physical Review Research, 2020, 2, .	3.6	10
4	Single-Atom Quantum Probes for Ultracold Gases Boosted by Nonequilibrium Spin Dynamics. Physical Review X, 2020, 10, .	8.9	55
5	Feshbach resonances in $\text{Na}$ $\text{K}$ Observation of dipolar splittings in high-resolution atom-loss spectroscopy of $\text{Li}$ refined	2.5	13
6	Observation of dipolar splittings in high-resolution atom-loss spectroscopy of $\text{Li}$ refined $\text{p}$ -wave Feshbach resonances. Physical Review A, 2019, 100, .	2.5	11
7	Tailored Single-Atom Collisions at Ultralow Energies. Physical Review Letters, 2019, 122, 013401. Feshbach spectroscopy and dual-species Bose-Einstein condensation of $\text{Na}$	7.8	14
8	$\hat{a}$ $\text{K}$ $\text{Li}$ mixtures. Physical Review A, 2019, 100, .	2.5	30
9	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
10	Laser and Fourier-transform spectroscopy of $\text{KCa}$ . Physical Review A, 2017, 96, . Level structure of deeply bound levels of the $\text{K}$	2.5	7
11	$\text{c}$ $\text{g}$ state of $\text{Rb}_2$	2.5	4
12	State-to-state chemistry for three-body recombination in an ultracold rubidium gas. Science, 2017, 358, 921-924.	12.6	61
13	Mixing of $\text{Rb}_2$ and $\text{Rb}_2$ observed in the hyperfine and Zeeman structure of ultracold $\text{Rb}_2$ molecules. New Journal of Physics, 2015, 17, 083032.	2.9	8
14	Renaissance in diatomic spectroscopy. , 2013, , .		1
15	Spectroscopic study of the $2^2\Sigma^+$ and the $4^2\Sigma^+$ excited states of $\text{LiCa}$ . Journal of Chemical Physics, 2013, 138, 114306.	3.0	16
16	Towards the production of ultracold ground-state $\text{RbCs}$ molecules: Feshbach resonances, weakly bound states, and the coupled-channel model. Physical Review A, 2012, 85, .	2.5	131
17	The $X^2\Sigma^+$ state of $\text{LiCa}$ studied by Fourier-transform spectroscopy. Journal of Chemical Physics, 2011, 135, 174303.	3.0	26
18	Potassium ground-state scattering parameters and Born-Oppenheimer potentials from molecular spectroscopy. Physical Review A, 2008, 78, .	2.5	65