

John Huennekens

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

413
citations

759233

12
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
19	Spin-orbit coupling of the NaK $3^1\Sigma^+$ and $3^1\Pi$ states: Determination of the coupling constant and observation of quantum interference effects. <i>Journal of Molecular Spectroscopy</i> , 2007, 242, 182-194.	1.2	7
20	NaK bound-free and bound-bound $4^1\Sigma^+ \rightarrow 3^1\Sigma^+$ emission. <i>Journal of Molecular Spectroscopy</i> , 2011, 265, 74-80.	1.2	6
21	Measurement of the Na $2^1\Sigma_g^+ \rightarrow 1^1\Sigma_u^+$ and $6^1\Sigma_g^+ \rightarrow 1^1\Sigma_u^+$ transition dipole moments using optical-optical double resonance and Autler-Townes spectroscopy. <i>Journal of Chemical Physics</i> , 2017, 147, 204301.	3.0	6
22	Optical control of collisional population flow between molecular electronic states of different spin multiplicity. <i>Physical Review A</i> , 2014, 89, .	2.5	4
23	Experimental studies of the NaCs $12(0^+)$ [$7^1\Sigma^+$] state: Spin-orbit and non-adiabatic interactions and quantum interference in the $12(0^+)$ [$7^1\Sigma^+$] and $11(0^+)$ [$5^3\Pi_0$] emission spectra. <i>Journal of Chemical Physics</i> , 2017, 146, 104302.	3.0	4
24	Rotationally inelastic collisions of excited NaK and NaCs molecules with noble gas and alkali atom perturbers. <i>Journal of Chemical Physics</i> , 2017, 147, 144303.	3.0	3
25	Hyperfine state-changing collisions of Cs($6P_{1/2}$) atoms with argon perturbers. <i>Physical Review A</i> , 2008, 77, .	2.5	2
26	Thermalization of fast cesium $5D_{3/2}$ atoms in collisions with ground-state cesium atoms. <i>Physical Review A</i> , 2005, 71, .	2.5	1
27	Fitting an experimental potential energy curve for the $10(0^+)$ [$4^3\Pi_0$] electronic state of NaCs. <i>Journal of Chemical Physics</i> , 2019, 151, 024307.	3.0	0
28	The effect of collisions on the rotational angular momentum of diatomic molecules studied using polarized light. <i>Journal of Chemical Physics</i> , 2020, 153, 184310.	3.0	0