

Daniel Elliott

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

309
citations

840776

11
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Variance and spectra of fluorescence-intensity fluctuations from two-level atoms in a phase-diffusing field. <i>Physical Review A</i> , 1990, 42, 6690-6703.	2.5	30
2	Complete measurements of two-photon ionization of atomic rubidium using elliptically polarized light. <i>Physical Review A</i> , 2000, 62, .	2.5	27
3	Determination of Cross Sections and Continuum Phases of Rubidium through Complete Measurements of Atomic Multiphoton Ionization. <i>Physical Review Letters</i> , 2000, 84, 3795-3798.	7.8	25
4	Determination of the Scalar and Vector Polarizabilities of the Cesium $6s$ State. <i>Physical Review A</i> , 2000, 62, 053402.	7.8	24
5	Measurement of a weak transition moment using two-pathway coherent control. <i>Physical Review A</i> , 2013, 87, .	2.5	21
6	Production of ultracold ground-state LiRb molecules by photoassociation through a resonantly coupled state. <i>Physical Review A</i> , 2016, 94, .	2.5	21
7	Formation of ultracold $7\text{Li}85\text{Rb}$ molecules in the lowest triplet electronic state by photoassociation and their detection by ionization spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 142, 114310.	3.0	19
8	Optomechanical measurement of the Abraham force in an adiabatic liquid-core optical-fiber waveguide. <i>Physical Review A</i> , 2017, 95, .	2.5	18
9	Measurement of the radial matrix elements for the $6sS_{1/2} \rightarrow 7pP_{1/2}$ transitions in cesium. <i>Physical Review A</i> , 2019, 99, .	2.5	15
10	Measurement scheme and analysis for weak ground-state-hyperfine-transition moments through two-pathway coherent control. <i>Physical Review A</i> , 2016, 93, .	2.5	14
11	Electric dipole matrix elements for the $6sS_{1/2} \rightarrow 7pP_{1/2}$ transitions in cesium. <i>Physical Review A</i> , 2019, 99, .	2.5	14
12	Short-range photoassociation of LiRb. <i>Physical Review A</i> , 2016, 94, .	2.5	11
13	Two-photon photoassociation spectroscopy of an ultracold heteronuclear molecule. <i>Physical Review A</i> , 2017, 95, .	2.5	10
14	Product-state control through interfering two-photon ionization routes. <i>Physical Review A</i> , 1997, 56, 3065-3076.	2.5	9
15	Influence of interaction time and population redistribution on the localization of atomic excitation through electromagnetically induced transparency. <i>Physical Review A</i> , 2014, 89, .	2.5	9
16	Weak signal detection using coherent control. <i>Physical Review A</i> , 2007, 76, .	2.5	8
17	Measurement of the lifetime of the $7sS_{1/2}$ state in atomic cesium using asynchronous gated detection. <i>Physical Review A</i> , 2018, 97, .	2.5	6
18	Measurement of the hyperfine coupling constants and absolute energies of the $6s$ state in cesium. <i>Physical Review A</i> , 2022, 105, .		6

#	ARTICLE	IF	CITATIONS
19	Measurement of the lifetimes of the $7p^2P_{3/2}$ and $7p^2P_{1/2}$ states of atomic cesium. Physical Review A, 2019, 100, .	2.5	5
20	Second order interference in two photon absorption. Journal of Modern Optics, 1996, 43, 1765-1771.	1.3	4
21	$1^1\Sigma^+$, $1^3\Sigma^+$, and $3^1\Sigma^+$ states of LiRb. Physical Review A, 2016, 94, .	2.5	4
22	The d^3 state of LiRb. Journal of Chemical Physics, 2016, 145, 224301.	3.0	4
23	Measurement of the Stark shift of the 6^1S state of LiRb. Physical Review A, 2016, 94, 013401.	2.5	3
24	Nonlinear ground-state pump-probe spectroscopy in an ultracold rubidium system. Physical Review A, 2012, 86, .	2.5	2
25	Negative resist behavior of neutral sodium atoms deposited on self-assembled monolayers. Journal of Vacuum Science & Technology B, 2007, 25, L5.	1.3	0