

LuÃ-s E E De Araujo

List of Publications by Year in descending order

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37
papers

896
citations

516215

16
h-index

454577

30
g-index

37
all docs

37
docs citations

37
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoassociation of Sodium in a Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2002, 88, 120403.	2.9	147
2	Electromagnetically induced phase grating. <i>Optics Letters</i> , 2010, 35, 977.	1.7	118
3	Measuring vortex charge with a triangular aperture. <i>Optics Letters</i> , 2011, 36, 787.	1.7	115
4	Frequency upconversion of orange light into blue light in Pr ³⁺ -doped fluoroindate glasses. <i>Physical Review B</i> , 1994, 50, 16219-16223.	1.1	71
5	The effects of noise on ultrashort-optical-pulse measurement using SPIDER. <i>Applied Physics B: Lasers and Optics</i> , 2000, 70, S85-S93.	1.1	47
6	Weak measurement of the composite Goos-Hänchen shift in the critical region. <i>Optics Letters</i> , 2016, 41, 3884.	1.7	46
7	Electromagnetically-induced phase grating: A coupled-wave theory analysis. <i>Optics Express</i> , 2011, 19, 1936.	1.7	36
8	Angular dependence of an electromagnetically induced transparency resonance in a Doppler-broadened atomic vapor. <i>Physical Review A</i> , 2004, 70, .	1.0	33
9	Measuring the topological charge of ultrabroadband, optical-vortex beams with a triangular aperture. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 1968.	0.9	33
10	Direct measurement of the composite Goos-Hänchen shift of an optical beam. <i>Optics Letters</i> , 2018, 43, 4037.	1.7	31
11	Coherent accumulation of excitation in the electromagnetically induced transparency of an ultrashort pulse train. <i>Physical Review A</i> , 2007, 76, .	1.0	25
12	Electromagnetically induced blazed grating at low light levels. <i>Physical Review A</i> , 2011, 83, .	1.0	25
13	Side-lobe level reduction in bio-inspired optical phased-array antennas. <i>Optics Express</i> , 2017, 25, 30105.	1.7	24
14	Analytic Solution for Strong-Field Quantum Control of Atomic Wave Packets. <i>Physical Review Letters</i> , 1998, 81, 955-958.	2.9	23
15	Selective and efficient excitation of diatomic molecules by an ultrashort pulse train. <i>Physical Review A</i> , 2008, 77, .	1.0	18
16	Two-color photoassociation spectroscopy of the lowest triplet potential of Na ₂ . <i>Journal of Chemical Physics</i> , 2003, 119, 2062-2074.	1.2	16
17	Quantum Control of Molecular Wavepackets: An Approximate Analytic Solution for the Strong-Response Regime. <i>Journal of Physical Chemistry A</i> , 1999, 103, 10409-10416.	1.1	14
18	Influence of propagation on the coherent accumulation of excitation induced by an ultrashort pulse train. <i>Physical Review A</i> , 2009, 80, .	1.0	9

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19	Autlerâ€“Townes doublet and electromagnetically induced transparency resonance probed by an ultrashort pulse train. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 085003.	0.6	8
20	Electromagnetically induced grating with maximal atomic coherence. <i>Physical Review A</i> , 2011, 84, .	1.0	8
21	Propagation of ultrashort pulses in multilevel systems under electromagnetically induced transparency. <i>Physical Review A</i> , 2006, 73, .	1.0	6
22	Quantum control of Rydberg wave packets in the strong-response regime. <i>Physical Review A</i> , 2001, 63, .	1.0	5
23	Coherent population trapping in ultrashort pulsed excitation of multilevel systems. <i>Physical Review A</i> , 2004, 69, .	1.0	5
24	Electromagnetically induced cross focusing in a four-level atomic medium. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 1574.	0.9	5
25	Weak measurement of the Goosâ€“HÃnchen shift of partially coherent light beams. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 533.	0.9	5
26	Phase measurements of the fifth-order susceptibility of Cd(S, Se)-doped glasses. <i>Optics Communications</i> , 1993, 102, 89-92.	1.0	4
27	Oscillatory trajectory of an optical beam propagating in free space. <i>Optics Letters</i> , 2019, 44, 646.	1.7	4
28	Ultrashort pulse propagation in multilevel systems. <i>Physical Review A</i> , 2005, 72, .	1.0	3
29	Optogalvanic detection of velocity-selective optical pumping in an open, cascade atomic medium. <i>Optics Communications</i> , 2008, 281, 626-632.	1.0	3
30	Electromagnetically induced conical emission. <i>Physical Review A</i> , 2010, 82, .	1.0	3
31	Optical image cloning based on electromagnetic induced absorption. <i>Optics Letters</i> , 2017, 42, 4966.	1.7	3
32	Suppression and coherent control of free-induction-decay emission in multilevel systems. <i>Physical Review A</i> , 2006, 74, .	1.0	1
33	Ultrashort-pulse-train pump and dump excitation of a diatomic molecule. <i>Physical Review A</i> , 2010, 82, .	1.0	1
34	Goosâ€“HÃnchen and Imbertâ€“Federov shifts of vortex beams near critical incidence. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 300.	0.9	1
35	Selective and Efficient Excitation of a Diatomic Molecule by a Train of Weak Ultrashort Pulses. , 2008, , .		0
36	Precision and accuracy of ultrashort optical pulse measurement using SPIDER. <i>Springer Series in Chemical Physics</i> , 2001, , 120-122.	0.2	0

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37	Electromagnetically-Induced Phase Grating. , 2010, , .		0