LuÃ-s E E De Araujo

List of Publications by Year
in descending order

37	896	516215 16	454577 30
papers	citations	h-index	g-index

37	37	37	687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Goosâ€“HÃnchen and Imbertâ€“Federov shifts of vortex beams near critical incidence. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 300.	0.9	1
2	Weak measurement of the Goosâ€“HÃnchen shift of partially coherent light beams. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 533.	0.9	5
3	Oscillatory trajectory of an optical beam propagating in free space. Optics Letters, 2019, 44, 646.	1.7	4
4	Direct measurement of the composite Goosâ€“HÃnchen shift of an optical beam. Optics Letters, 2018, 43, 4037.	1.7	31
5	Side-lobe level reduction in bio-inspired optical phased-array antennas. Optics Express, 2017, 25, 30105.	1.7	24
6	Optical image cloning based on electromagnetic induced absorption. Optics Letters, 2017, 42, 4966.	1.7	3
7	Electromagnetically induced cross focusing in a four-level atomic medium. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1574.	0.9	5
8	Weak measurement of the composite Goosâ€“HÃnchen shift in the critical region. Optics Letters, 2016, 41, 3884.	1.7	46
9	Measuring the topological charge of ultrabroadband, optical-vortex beams with a triangular aperture. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1968.	0.9	33
10	Electromagnetically-induced phase grating: A coupled-wave theory analysis. Optics Express, 2011, 19, 1936.	1.7	36
11	Measuring vortex charge with a triangular aperture. Optics Letters, 2011, 36, 787.	1.7	115
12	Electromagnetically induced grating with maximal atomic coherence. Physical Review A, 2011, 84, .	1.0	8
13	Electromagnetically induced blazed grating at low light levels. Physical Review A, 2011, 83, .	1.0	25
14	Electromagnetically induced conical emission. Physical Review A, 2010, 82, .	1.0	3
15	Autlerâ€“Townes doublet and electromagnetically induced transparency resonance probed by an ultrashort pulse train. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 085003.	0.6	8
16	Electromagnetically induced phase grating. Optics Letters, 2010, 35, 977.	1.7	118
17	Ultrashort-pulse-train pump and dump excitation of a diatomic molecule. Physical Review A, 2010, 82, .	1.0	1
18	Electromagnetically-Induced Phase Grating. , 2010, , .		0

#	Article	IF	Citations
19	Influence of propagation on the coherent accumulation of excitation induced by an ultrashort pulse train. Physical Review A, 2009, 80, .	1.0	9
20	Optogalvanic detection of velocity-selective optical pumping in an open, cascade atomic medium. Optics Communications, 2008, 281, 626-632.	1.0	3
21	Selective and Efficient Excitation of a Diatomic Molecule by a Train of Weak Ultrashort Pulses. , 2008, , .		0
22	Selective and efficient excitation of diatomic molecules by an ultrashort pulse train. Physical Review A, 2008, 77, .	1.0	18
23	Coherent accumulation of excitation in the electromagnetically induced transparency of an ultrashort pulse train. Physical Review A, 2007, 76, .	1.0	25
24	Propagation of ultrashort pulses in multilevel systems under electromagnetically induced transparency. Physical Review A, 2006, 73, .	1.0	6
25	Suppression and coherent control of free-induction-decay emission in multilevel systems. Physical Review A, 2006, 74, .	1.0	1
26	Ultrashort pulse propagation in multilevel systems. Physical Review A, 2005, 72, .	1.0	3
27	Angular dependence of an electromagnetically induced transparency resonance in a Doppler-broadened atomic vapor. Physical Review A, 2004, 70, .	1.0	33
28	Coherent population trapping in ultrashort pulsed excitation of multilevel systems. Physical Review A, 2004, 69, .	1.0	5
29	Two-color photoassociation spectroscopy of the lowest triplet potential of Na2. Journal of Chemical Physics, 2003, 119, 2062-2074.	1.2	16
30	Photoassociation of Sodium in a Bose-Einstein Condensate. Physical Review Letters, 2002, 88, 120403.	2.9	147
31	Quantum control of Rydberg wave packets in the strong-response regime. Physical Review A, 2001, 63, .	1.0	5
32	Precision and accuracy of ultrashort optical pulse measurement using SPIDER. Springer Series in Chemical Physics, 2001, , 120-122.	0.2	0
33	The effects of noise on ultrashort-optical-pulse measurement using SPIDER. Applied Physics B: Lasers and Optics, 2000, 70, S85-S93.	1.1	47
34	Quantum Control of Molecular Wavepackets:Â An Approximate Analytic Solution for the Strong-Response Regime. Journal of Physical Chemistry A, 1999, 103, 10409-10416.	1.1	14
35	Analytic Solution for Strong-Field Quantum Control of Atomic Wave Packets. Physical Review Letters, 1998, 81, 955-958.	2.9	23
36	Frequency upconversion of orange light into blue light inPr3+-doped fluoroindate glasses. Physical Review B, 1994, 50, 16219-16223.	1.1	71

#	Article	IF	Citations
37	Phase measurements of the fifth-order susceptibility of Cd(S, Se)-doped glasses. Optics Communications, 1993, 102, 89-92.	1.0	4