

Ji-Gen Chen

List of Publications by Year in descending order

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papers

934
citations

471509

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552781

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docs citations

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times ranked

375
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#	ARTICLE	IF	CITATIONS
1	Role of the Transition Dipole Amplitude and Phase on the Generation of Odd and Even High-Order Harmonics in Crystals. <i>Physical Review Letters</i> , 2018, 120, 253201.	7.8	167
2	Effect of transition dipole phase on high-order-harmonic generation in solid materials. <i>Physical Review A</i> , 2017, 96, .	2.5	92
3	Periodic soliton interactions for higher-order nonlinear Schrödinger equation in optical fibers. <i>Nonlinear Dynamics</i> , 2020, 100, 2817-2821.	5.2	67
4	All-optical reconstruction of k-dependent transition dipole moment by solid harmonic spectra from ultrashort laser pulses. <i>Optics Express</i> , 2019, 27, 34392.	3.4	63
5	Generation of intense isolated sub-40-as pulses from a coherent superposition state by quantum path control in the multicycle regime. <i>Physical Review A</i> , 2011, 83, .	2.5	55
6	Cooper minimum of high-order harmonic spectra from an MgO crystal in an ultrashort laser pulse. <i>Physical Review A</i> , 2020, 101, .	2.5	53
7	Effect of interband polarization on a solid's high-order-harmonic generation just below the band gap. <i>Optics Letters</i> , 2020, 45, 2874.	3.3	50
8	High-order harmonic generation from H^2 irradiated by a co-rotating two-color circularly polarized laser field. <i>Physical Review A</i> , 2019, 100, .	2.5	43
9	Generation of isolated sub-50-as pulses by quantum path control in the multicycle regime. <i>Physical Review A</i> , 2010, 82, .	2.5	41
10	Probing dynamic information and spatial structure of Rydberg wave packets by harmonic spectra in a few-cycle laser pulse. <i>Physical Review A</i> , 2015, 91, .	2.5	39
11	Metrology of Time-Domain Soft X-Ray Attosecond Pulses and Reevaluation of Pulse Durations of Three Recent Experiments. <i>Physical Review Applied</i> , 2020, 13, .	3.8	33
12	Investigation of the generation of high-order harmonics through Bohmian trajectories. <i>Physical Review A</i> , 2012, 86, .	2.5	32
13	All-optical reconstruction of three-band transition dipole moments by the crystal harmonic spectrum from a two-color laser pulse. <i>Optics Express</i> , 2022, 30, 9971.	3.4	32
14	Ultrashort-attosecond-pulse generation by reducing harmonic chirp with a spatially inhomogeneous electric field. <i>Physical Review A</i> , 2015, 92, .	2.5	31
15	Smooth periodic gauge satisfying crystal symmetry and periodicity to study high-harmonic generation in solids. <i>Physical Review B</i> , 2020, 102, .	3.2	31
16	Frequency-selected enhancement of high-order-harmonic generation by interference of degenerate Rydberg states in a few-cycle laser pulse. <i>Physical Review A</i> , 2012, 86, .	2.5	28
17	Ionization of an atom with different initial angular momenta in an intense circular polarized laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 235601.	1.5	19
18	Quantum teleportation with partially entangled states via noisy channels. <i>Quantum Information Processing</i> , 2013, 12, 2671-2687.	2.2	16

#	ARTICLE	IF	CITATIONS
19	The SnSSe SA with high modulation depth for passively Q-switched fiber laser. <i>Nanophotonics</i> , 2020, 9, 2549-2555.	6.0	15
20	Dynamics of strong-field double ionization of H ₂ in co-rotating two-color circularly polarized laser fields. <i>Communications in Theoretical Physics</i> , 2020, 72, 055503.	2.5	7
21	Role of potential on high-order harmonic generation from atoms irradiated by bichromatic counter-rotating circularly polarized laser fields*. <i>Chinese Physics B</i> , 2020, 29, 083201.	1.4	7
22	High-order harmonic generation of benzene molecules irradiated by circularly polarized laser pulses. <i>Chemical Physics</i> , 2021, 545, 111147.	1.9	6
23	Tunable spectral shift of high-order harmonic generation in atoms using a sinusoidally phase-modulated pulse. <i>Chinese Physics B</i> , 2022, 31, 064214.	1.4	2
24	The nonsequential double ionization of Ar atoms with different initial angular momenta irradiated by a circularly polarized laser pulse. <i>Chemical Physics Letters</i> , 2022, 794, 139400.	2.6	2
25	Double ionization of hydrogen molecules in a high-intensity linearly polarized laser pulse. <i>Chemical Physics Letters</i> , 2021, 764, 138214.	2.6	1
26	IMPACT OF INSTRUCTION ON SCIENCE PERFORMANCE: LEARNING INITIATIVE AS A MEDIATOR AND GENDER AS A LIMITED MODERATOR. <i>Journal of Baltic Science Education</i> , 2021, 20, 50-66.	1.0	1
27	THE GENERATIVE MECHANISM OF SECONDARY SCHOOL STUDENTS'™ OCCUPATIONAL EXPECTATIONS IN THE BALTIC COUNTRIES: INFLUENCE OF FAMILY, SCHOOL, AND INDIVIDUAL SCIENCE LEARNING ACHIEVEMENT. <i>Journal of Baltic Science Education</i> , 2021, 20, 759-774.	1.0	1
28	Nonadiabatic molecular dynamics simulation of C ₂ H ₂ ⁺ in a strong laser field*. <i>Chinese Physics B</i> , 2020, 29, 113202.	1.4	0