

Ji-Gen Chen

List of Publications by Year in descending order

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papers

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citations

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all docs

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docs citations

28
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable spectral shift of high-order harmonic generation in atoms using a sinusoidally phase-modulated pulse. Chinese Physics B, 2022, 31, 064214.	1.4	2
2	The nonsequential double ionization of Ar atoms with different initial angular momenta irradiated by a circularly polarized laser pulse. Chemical Physics Letters, 2022, 794, 139400.	2.6	2
3	All-optical reconstruction of three-band transition dipole moments by the crystal harmonic spectrum from a two-color laser pulse. Optics Express, 2022, 30, 9971.	3.4	32
4	Double ionization of hydrogen molecules in a high-intensity linearly polarized laser pulse. Chemical Physics Letters, 2021, 764, 138214.	2.6	1
5	IMPACT OF INSTRUCTION ON SCIENCE PERFORMANCE: LEARNING INITIATIVE AS A MEDIATOR AND GENDER AS A LIMITED MODERATOR. Journal of Baltic Science Education, 2021, 20, 50-66.	1.0	1
6	High-order harmonic generation of benzene molecules irradiated by circularly polarized laser pulses. Chemical Physics, 2021, 545, 111147.	1.9	6
7	THE GENERATIVE MECHANISM OF SECONDARY SCHOOL STUDENTS' OCCUPATIONAL EXPECTATIONS IN THE BALTIC COUNTRIES: INFLUENCE OF FAMILY, SCHOOL, AND INDIVIDUAL SCIENCE LEARNING ACHIEVEMENT. Journal of Baltic Science Education, 2021, 20, 759-774.	1.0	1
8	Smooth periodic gauge satisfying crystal symmetry and periodicity to study high-harmonic generation in solids. Physical Review B, 2020, 102, .	3.2	31
9	Dynamics of strong-field double ionization of H_{2} in co-rotating two-color circularly polarized laser fields. Communications in Theoretical Physics, 2020, 72, 055503.	2.5	7
10	Role of potential on high-order harmonic generation from atoms irradiated by bichromatic counter-rotating circularly polarized laser fields*. Chinese Physics B, 2020, 29, 083201.	1.4	7
11	Metrology of Time-Domain Soft X-Ray Attosecond Pulses and Reevaluation of Pulse Durations of Three Recent Experiments. Physical Review Applied, 2020, 13, .	3.8	33
12	Cooper minimum of high-order harmonic spectra from an MgO crystal in an ultrashort laser pulse. Physical Review A, 2020, 101, .	2.5	53
13	Periodic soliton interactions for higher-order nonlinear Schrödinger equation in optical fibers. Nonlinear Dynamics, 2020, 100, 2817-2821.	5.2	67
14	Ionization of an atom with different initial angular momenta in an intense circular polarized laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 235601.	1.5	19
15	Effect of interband polarization on a solid's high-order-harmonic generation just below the band gap. Optics Letters, 2020, 45, 2874.	3.3	50
16	The SnS ₂ SA with high modulation depth for passively Q-switched fiber laser. Nanophotonics, 2020, 9, 2549-2555.	6.0	15
17	Nonadiabatic molecular dynamics simulation of $C_{2}H_{2}^{2+}$ in a strong laser field*. Chinese Physics B, 2020, 29, 113202.	1.4	0
18	High-order harmonic generation from H_{2} irradiated by a co-rotating two-color circularly polarized laser field. Physical Review A, 2019, 100, .	2.5	43

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Effect of transition dipole phase on high-order-harmonic generation in solid materials. <i>Physical Review A</i> , 2017, 96, .	2.5	92
22	Ultrashort-attosecond-pulse generation by reducing harmonic chirp with a spatially inhomogeneous electric field. <i>Physical Review A</i> , 2015, 92, .	2.5	31
23	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
24	Quantum teleportation with partially entangled states via noisy channels. <i>Quantum Information Processing</i> , 2013, 12, 2671-2687.	2.2	16
25	Investigation of the generation of high-order harmonics through Bohmian trajectories. <i>Physical Review A</i> , 2012, 86, .	2.5	32
26	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
27	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
28	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