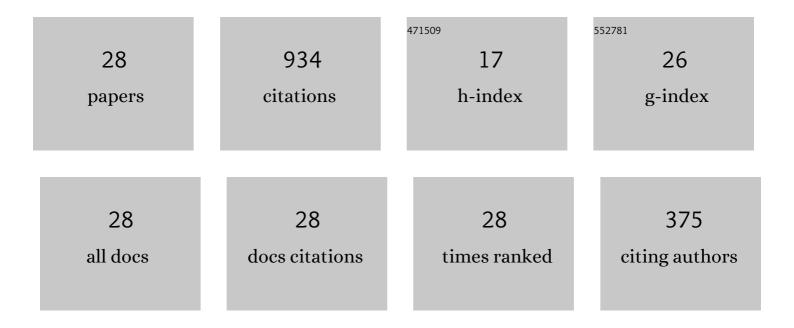
## Ji-Gen Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1235417/publications.pdf Version: 2024-02-01



ILCEN CHEN

#	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 <sub>2</sub> 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 SchrĶdinger 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 belowthe band gap. Optics Letters, 2020, 45, 2874.	3.3	50
16	The SnSSe 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 C2H22+ in a strong laser field*. Chinese Physics B, 2020, 29, 113202.	1.4	0
18	High-order harmonic generation from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"&gt;<mml:mrow><mml:msub><mml:mi mathvariant="normal"&gt;H<mml:mn>2</mml:mn></mml:mi </mml:msub><mml:msup><mml:mrow /&gt;<mml:mo>+</mml:mo></mml:mrow </mml:msup></mml:mrow> irradiated by a co-rotating two-color circularly polarized laser field. Physical Review A, 2019, 100, .</mml:math 	2.5	43

JI-GEN CHEN

#	Article	IF	CITATIONS
19	All-optical reconstruction of k-dependent transition dipole moment by solid harmonic spectra from ultrashort laser pulses. Optics Express, 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. Physical Review Letters, 2018, 120, 253201.	7.8	167
21	Effect of transition dipole phase on high-order-harmonic generation in solid materials. Physical Review A, 2017, 96, .	2.5	92
22	Ultrashort-attosecond-pulse generation by reducing harmonic chirp with a spatially inhomogeneous electric field. Physical Review A, 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. Physical Review A, 2015, 91, .	2.5	39
24	Quantum teleportation with partially entangled states via noisy channels. Quantum Information Processing, 2013, 12, 2671-2687.	2.2	16
25	Investigation of the generation of high-order harmonics through Bohmian trajectories. Physical Review A, 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. Physical Review A, 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. Physical Review A, 2011, 83, .	2.5	55
28	Generation of isolated sub-50-as pulses by quantum path control in the multicycle regime. Physical Review A, 2010, 82, .	2.5	41