

Pengfei Wei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Enhancement of a Single Harmonic Emission in a Driving Laser Field with Subcycle Waveform Control. <i>Physical Review Letters</i> , 2013, 110, 233903.	7.8	91
2	All-Glass 3D Optofluidic Microchip with Built-in Tunable Microlens Fabricated by Femtosecond Laser-Assisted Etching. <i>Advanced Optical Materials</i> , 2018, 6, 1701299.	7.3	61
3	Laser-field-related recombination interference in high-order harmonic generation from CO_2 . <i>Physical Review A</i> , 2009, 79, .	2.5	21
4	Selective generation of an intense single harmonic from a long gas cell with loosely focusing optics based on a three-color laser field. <i>Applied Physics Letters</i> , 2014, 104, 151101.	3.3	17
5	Enhanced high-order harmonic generation from excited argon. <i>Applied Physics Letters</i> , 2015, 107, 041110.	3.3	10
6	Probing electron-atom collision dynamics in gas plasma by high-order harmonic spectroscopy. <i>Optics Letters</i> , 2018, 43, 1970.	3.3	7
7	Wavelength effect on atomic and molecular high harmonic generation driven by a tunable infrared parametric source. <i>Optics Express</i> , 2009, 17, 15061.	3.4	4
8	Molecular high harmonic generation in a two-color field. <i>Optics Express</i> , 2010, 18, 11664.	3.4	4
9	Two-center interference during the high harmonic generation in aligned O_2 molecules. <i>Optics Express</i> , 2011, 19, 147.	3.4	4
10	Quantum interference and collisional dynamics in excited bound states revealed by time-resolved pump-high-harmonic-generation-probe spectroscopy. <i>Optics Express</i> , 2019, 27, 7147.	3.4	3
11	Collisional dynamics in laser-induced plasmas: evidence for electron-impact excitation. <i>Optics Express</i> , 2018, 26, 10392.	3.4	1
12	Control high-order harmonic generation by molecular field-free alignment. , 2011, , .		0
13	Harmonic generation driven by a self-build infrared parametric source. , 2011, , .		0
14	Molecular field-free alignment driven by femtosecond laser field. , 2011, , .		0
15	Optofluidic Microlenses: All-Glass 3D Optofluidic Microchip with Built-in Tunable Microlens Fabricated by Femtosecond Laser-Assisted Etching (<i>Advanced Optical Materials</i> 9/2018). <i>Advanced Optical Materials</i> , 2018, 6, 1870035.	7.3	0