

Kun Zhao

List of Publications by Year in descending order

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14
papers

1,288
citations

1040056

9
h-index

996975

15
g-index

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all docs

15
docs citations

15
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification and analysis of the nonlinear effects in spectral broadening through solid medium of femtosecond pulses by neural network. <i>Physical Review Research</i> , 2022, 4, .	3.6	6
2	Convolutional neural network for transient grating frequency-resolved optical gating trace retrieval and its algorithm optimization*. <i>Chinese Physics B</i> , 2021, 30, 048402.	1.4	3
3	Efficient generation of UV-enhanced intense supercontinuum in solids: Toward sub-cycle transient. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	8
4	Generation of annular femtosecond few-cycle pulses by self-compression and spatial filtering in solid thin plates. <i>Optics Express</i> , 2021, 29, 29789.	3.4	9
5	Simple method for simultaneous long-term stabilization of relative timing and carrier-envelope phase in waveform synthesis. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	6
6	Broadband mid-infrared pulse via intra-pulse difference frequency generation based on supercontinuum from multiple thin plates. <i>Chinese Physics B</i> , 2019, 28, 114203.	1.4	3
7	High-Efficiency Generation of 0.12 mJ, 8.6 Fs Pulses at 400nm Based on Spectral Broadening in Solid Thin Plates. <i>Chinese Physics Letters</i> , 2017, 34, 074204.	3.3	12
8	High-efficiency supercontinuum generation in solid thin plates at 01â€™â€™TW level. <i>Optics Letters</i> , 2017, 42, 474.	3.3	104
9	High-efficiency optical parametric chirped-pulse amplifier in BiB ₃ O ₆ for generation of 3â€™â€™mJ, two-cycle, carrier-envelope-phase-stable pulses at 17â€™â€™m. <i>Optics Letters</i> , 2016, 41, 1142.	3.3	89
10	The generation, characterization and applications of broadband isolated attosecond pulses. <i>Nature Photonics</i> , 2014, 8, 178-186.	31.4	391
11	Tailoring a 67 attosecond pulse through advantageous phase-mismatch. <i>Optics Letters</i> , 2012, 37, 3891.	3.3	505
12	Mechanism of quasi-phase-matching in a dual-gas multijet array. <i>Physical Review A</i> , 2012, 86, .	2.5	24
13	Dependence of high-order-harmonic-generation yield on driving-laser ellipticity. <i>Physical Review A</i> , 2012, 86, .	2.5	76
14	Ellipticity dependence of 400 nm-driven high harmonic generation. <i>Applied Physics Letters</i> , 2011, 99, 161106.	3.3	39