

Tran Trung Luu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,595
citations

759233

12
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme ultraviolet high-harmonic spectroscopy of solids. <i>Nature</i> , 2015, 521, 498-502.	27.8	648
2	Synthesized Light Transients. <i>Science</i> , 2011, 334, 195-200.	12.6	606
3	Optical attosecond pulses and tracking the nonlinear response of bound electrons. <i>Nature</i> , 2016, 530, 66-70.	27.8	346
4	Multi-petahertz electronic metrology. <i>Nature</i> , 2016, 538, 359-363.	27.8	241
5	Measurement of the Berry curvature of solids using high-harmonic spectroscopy. <i>Nature Communications</i> , 2018, 9, 916.	12.8	218
6	Invited Article: Attosecond photonics: Synthesis and control of light transients. <i>Review of Scientific Instruments</i> , 2012, 83, 111301.	1.3	166
7	Extreme ultraviolet high harmonic generation in liquids. <i>Nature Communications</i> , 2018, 9, 3723.	12.8	121
8	High-order harmonic generation in solids: A unifying approach. <i>Physical Review B</i> , 2016, 94, .	3.2	111
9	Observing broken inversion symmetry in solids using two-color high-order harmonic spectroscopy. <i>Physical Review A</i> , 2018, 98, .	2.5	28
10	Nonlinear absorbance in dielectric multilayers. <i>Optica</i> , 2015, 2, 803.	9.3	24
11	Generation of coherent extreme ultraviolet radiation from $\hat{\pm}$ quartz using 50 fs laser pulses at a 1030 nm wavelength and high repetition rates. <i>Optics Letters</i> , 2018, 43, 1790.	3.3	18
12	Intermolecular Coulombic Decay in Liquid Water. <i>Physical Review Letters</i> , 2022, 128, 133001.	7.8	16
13	Long-term maintenance of the carrier-envelope phase coherence of a femtosecond laser. <i>Optics Express</i> , 2010, 18, 26365.	3.4	10
14	Reconstruction of attosecond pulses in the presence of interfering dressing fields using a 100 kHz laser system at ELI-ALPS. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 23LT01.	1.5	9
15	Polarization measurements of deep- to extreme-ultraviolet high harmonics generated in liquid flat sheets. <i>Optics Express</i> , 2021, 29, 30799.	3.4	8
16	Few-cycle high-harmonic generation in liquids: in-operando thickness measurement of flat microjets. <i>JPhys Photonics</i> , 2020, 2, 044007.	4.6	7
17	Nonlinear behavior and damage of dispersive multilayer optical coatings induced by two-photon absorption. <i>Proceedings of SPIE</i> , 2014, , .	0.8	6
18	Efficient broadband highly dispersive HfO ₂ /SiO ₂ multilayer mirror for pulse compression in near ultraviolet. <i>Optics Express</i> , 2016, 24, 13628.	3.4	5

#	ARTICLE	IF	CITATIONS
19	Generation of circularly polarized extreme-ultraviolet harmonics from solids. European Physical Journal: Special Topics, 0, , 1.	2.6	4
20	Energy scaling of carrier-envelope-phase-stable sub-two-cycle pulses at 1.6- μm from hollow-core-fiber compression to 1.9 mJ. Optics Express, 0, , .	3.4	2
21	Frequency-domain performance of a femtosecond laser with carrier-envelope phase stabilized by the direct locking method. Applied Physics B: Lasers and Optics, 2011, 104, 793-797.	2.2	1
22	Real-time Temporal Characterization and Performance Optimization of a kHz Femtosecond Ti:Sapphire Laser Using a Comprehensive SPIDER. Journal of the Optical Society of Korea, 2010, 14, 146-151.	0.6	0