

Nagitha Ekanayake

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

265
citations

1163065

8
h-index

1125717

13
g-index

13
all docs

13
docs citations

13
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	H ₂ roaming chemistry and the formation of H ₃ ⁺ from organic molecules in strong laser fields. <i>Nature Communications</i> , 2018, 9, 5186.	12.8	73
2	Mechanisms and time-resolved dynamics for trihydrogen cation (H ₃ ⁺) formation from organic molecules in strong laser fields. <i>Scientific Reports</i> , 2017, 7, 4703.	3.3	62
3	Substituent effects on H ₃ ⁺ formation via H ₂ roaming mechanisms from organic molecules under strong-field photodissociation. <i>Journal of Chemical Physics</i> , 2018, 149, 244310.	3.0	27
4	Electron Shell Ionization of Atoms with Classical, Relativistic Scattering. <i>Physical Review Letters</i> , 2013, 110, 203003.	7.8	17
5	Ultrafast MHz-rate Burst-mode Pump-probe Laser for the FLASH FEL Facility Based on Nonlinear Compression of ps-level Pulses from an Yb-amplifier Chain. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	17
6	Time-resolved site-selective imaging of predissociation and charge transfer dynamics: the CH ₃ B-band. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 224001.	1.5	14
7	Probing electron and hole colocalization by resonant four-wave mixing spectroscopy in the extreme ultraviolet. <i>Science Advances</i> , 2022, 8, .	10.3	11
8	Free-electron laser multiplex driven by a superconducting linear accelerator. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 1070-1075.	2.4	9
9	Direct measurement of the pulse duration and frequency chirp of seeded XUV free electron laser pulses. <i>New Journal of Physics</i> , 2018, 20, 013010.	2.9	9
10	Quantum coherent control of H ₃ ⁺ formation in strong fields. <i>Journal of Chemical Physics</i> , 2019, 150, 044303.	3.0	9
11	Toward ultrafast magnetic depth profiling using time-resolved x-ray resonant magnetic reflectivity. <i>Structural Dynamics</i> , 2021, 8, 034305.	2.3	7
12	Mapping few-femtosecond slices of ultra-relativistic electron bunches. <i>Scientific Reports</i> , 2017, 7, 2431.	3.3	5
13	Molecular ionization of chloromethane in strong fields: nearest neighbor gateway to highly charged ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 165601.	1.5	5