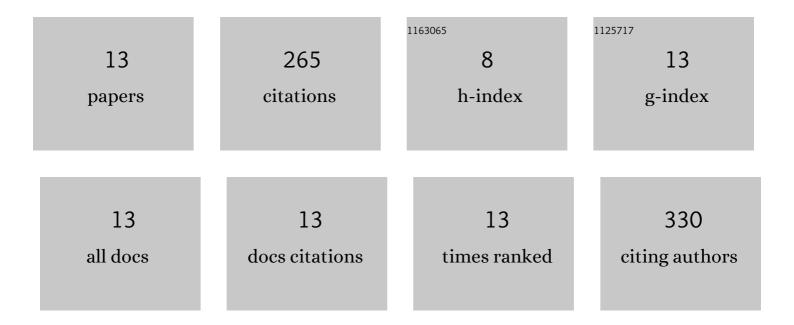
Nagitha Ekanayake

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	H2 roaming chemistry and the formation of H3+ from organic molecules in strong laser fields. Nature Communications, 2018, 9, 5186.	12.8	73
2	Mechanisms and time-resolved dynamics for trihydrogen cation (H3 +) formation from organic molecules in strong laser fields. Scientific Reports, 2017, 7, 4703.	3.3	62
3	Substituent effects on H3+ formation via H2 roaming mechanisms from organic molecules under strong-field photodissociation. Journal of Chemical Physics, 2018, 149, 244310.	3.0	27
4	Electron Shell Ionization of Atoms with Classical, Relativistic Scattering. Physical Review Letters, 2013, 110, 203003.	7.8	17
5	Ultrafast MHzâ€Rate Burstâ€Mode Pump–Probe Laser for the FLASH FEL Facility Based on Nonlinear Compression of ps‣evel Pulses from an Ybâ€Amplifier Chain. Laser and Photonics Reviews, 2022, 16, .	8.7	17
6	Time-resolved site-selective imaging of predissociation and charge transfer dynamics: the CH3I B-band. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 224001.	1.5	14
7	Probing electron and hole colocalization by resonant four-wave mixing spectroscopy in the extreme ultraviolet. Science Advances, 2022, 8, .	10.3	11
8	Free-electron laser multiplex driven by a superconducting linear accelerator. Journal of Synchrotron Radiation, 2016, 23, 1070-1075.	2.4	9
9	Direct measurement of the pulse duration and frequency chirp of seeded XUV free electron laser pulses. New Journal of Physics, 2018, 20, 013010.	2.9	9
10	Quantum coherent control of H3+ formation in strong fields. Journal of Chemical Physics, 2019, 150, 044303.	3.0	9
11	Toward ultrafast magnetic depth profiling using time-resolved x-ray resonant magnetic reflectivity. Structural Dynamics, 2021, 8, 034305.	2.3	7
12	Mapping few-femtosecond slices of ultra-relativistic electron bunches. Scientific Reports, 2017, 7, 2431.	3.3	5
13	Molecular ionization of chloromethane in strong fields: nearest neighbor gateway to highly charged ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 165601.	1.5	5