

# Andrew Attar

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

598  
citations

759055

12  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond x-ray spectroscopy of an electrocyclic ring-opening reaction. <i>Science</i> , 2017, 356, 54-59.	6.0	253
2	Ultrafast Intersystem Crossing in Acetylacetone via Femtosecond X-ray Transient Absorption at the Carbon K-Edge. <i>Journal of the American Chemical Society</i> , 2017, 139, 16576-16583.	6.6	68
3	Direct Observation of the Transition-State Region in the Photodissociation of CH <sub>3</sub> I by Femtosecond Extreme Ultraviolet Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 5072-5077.	2.1	60
4	Strong-Field Extreme-Ultraviolet Dressing of Atomic Double Excitation. <i>Physical Review Letters</i> , 2019, 123, 163201.	2.9	38
5	Simultaneous Observation of Carrier-Specific Redistribution and Coherent Lattice Dynamics in 2H-MoTe <sub>2</sub> with Femtosecond Core-Level Spectroscopy. <i>ACS Nano</i> , 2020, 14, 15829-15840.	7.3	38
6	Core-to-valence spectroscopic detection of the CH <sub>2</sub> Br radical and element-specific femtosecond photodissociation dynamics of CH <sub>2</sub> I <sub>2</sub> . <i>Journal of Chemical Physics</i> , 2014, 141, 164308.	1.2	31
7	Nonlinear Coherence Effects in Transient-Absorption Ion Spectroscopy with Stochastic Extreme-Ultraviolet Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2019, 123, 103001.	2.9	24
8	Tracing the 267 nm-Induced Radical Formation in Dimethyl Disulfide Using Time-Resolved X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1382-1387.	2.1	24
9	Conformer-specific photochemistry imaged in real space and time. <i>Science</i> , 2021, 374, 178-182.	6.0	20
10	Transition state region in the A-Band photodissociation of allyl iodide—A femtosecond extreme ultraviolet transient absorption study. <i>Journal of Chemical Physics</i> , 2016, 144, 124311.	1.2	14
11	Carrier-specific dynamics in 2H-MoTe <sub>2</sub> observed by femtosecond soft x-ray absorption spectroscopy using an x-ray free-electron laser. <i>Structural Dynamics</i> , 2021, 8, 014501.	0.9	14
12	Measuring the frequency chirp of extreme-ultraviolet free-electron laser pulses by transient absorption spectroscopy. <i>Nature Communications</i> , 2021, 12, 643.	5.8	14