Terence Mullins

List of Publications by Year
in descending order

13 papers	**330** citations	**10** h-index

933447

1125743

13 g-index	

13 all docs	**13** docs citations	**13** times ranked	**477** citing authors

#	Article	IF	Citations
1	Picosecond pulse-shaping for strong three-dimensional field-free alignment of generic asymmetric-top molecules. Nature Communications, 2022, 13, 1431.	12.8	8
2	Fragmentation Dynamics of Fluorene Explored Using Ultrafast XUV-Vis Pump-Probe Spectroscopy. Frontiers in Physics, 2022, 10, .	2.1	2
3	Time-resolved relaxation and fragmentation of polycyclic aromatic hydrocarbons investigated in the ultrafast XUV-IR regime. Nature Communications, 2021, 12, 6107.	12.8	18
4	Setting the photoelectron clock through molecular alignment. Nature Communications, 2020, 11, 2546.	12.8	26
5	X-ray diffractive imaging of controlled gas-phase molecules: Toward imaging of dynamics in the molecular frame. Journal of Chemical Physics, 2020, 152, 084307.	3.0	24
6	Molecular movie of ultrafast coherent rotational dynamics of OCS. Nature Communications, 2019, 10, 3364.	12.8	71
7	Communication: Strong laser alignment of solvent-solute aggregates in the gas-phase. Journal of Chemical Physics, 2018, 148, 101103.	3.0	8
8	Communication: Switched wave packets with spectrally truncated chirped pulses. Journal of Chemical Physics, 2018, 148, 221105.	3.0	20
9	Alignment, orientation, and Coulomb explosion of difluoroiodobenzene studied with the pixel imaging mass spectrometry (PImMS) camera. Journal of Chemical Physics, 2017, 147, 013933.	3.0	26
10	Jitter-correction for IR/UV-XUV pump-probe experiments at the FLASH free-electron laser. New Journal of Physics, 2017, 19, 043009.	2.9	34
11	Strongly aligned gas-phase molecules at free-electron lasers. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 204002.	1.5	28
12	Two-State Wave Packet for Strong Field-Free Molecular Orientation. Physical Review Letters, 2015, 114, 103003.	7.8	35
13	Strongly driven quantum pendulum of the carbonyl sulfide molecule. Physical Review A, 2014, 89, .	2.5	30