

Terence Mullins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9867785/publications.pdf>

Version: 2024-02-01

13
papers

330
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

477
citing authors

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