Yan Yang

List of Publications by Year
in descending order

20 papers	135 citations	1307594 7 h-index	1281871 11 g-index
20 all docs	20 docs citations	20 times ranked	131 citing authors

#	Article	IF	Citations
1	Dissociative double ionization of 1-bromo-2-chloroethane irradiated by an intense femtosecond laser field. Journal of Chemical Physics, 2011, 135, 064303.	3.0	24
2	Ejection of triatomic molecular ion from methyl chloride in an intense femtosecond laser field. Chemical Physics Letters, 2013, 581, 16-20.	2.6	19
3	Photoelectron spectroscopy and computational investigations of the electronic structures and noncovalent interactions of cyclodextrin-closo-dodecaborate anion complexes Ï‡-CDÂ·B₁₂X₁₂^{2â^'} (Ï‡ = Î±, Î², Î³; X = H, F). Physical Chemistry Chemical Physics, 2020, 22, 7193-7200.	2.8	14
4	Channel-resolved multiorbital double ionization of molecular Cl2 in an intense femtosecond laser field. Physical Review A, 2018, 98, .	2.5	11
5	Compressed Ultrafast Electron Diffraction Imaging Through Electronic Encoding. Physical Review Applied, 2018, 10, .	3.8	9
6	Realizing Ultrafast Electron Pulse Self-Compression by Femtosecond Pulse Shaping Technique. Journal of Physical Chemistry Letters, 2015, 6, 3867-3872.	4.6	8
7	Gaseous cyclodextrin-closo-dodecaborate complexes Ï‡CDÂ·B₁₂X₁₂^{2â^'} (Ï‡ = Î±, Î², and Î³; X = F, Cl, Br, and I): electronic structures and intramolecular interactions. Physical Chemistry Chemical Physics, 2021, 23, 13447-13457.	2.8	8
8	Photodissociation ofBr2molecules in an intense femtosecond laser field. Physical Review A, 2014, 90, .	2.5	7
9	Coulomb explosion and dissociative ionization of 1,2-dibromoethane under an intense femtosecond laser field. RSC Advances, 2014, 4, 45300-45305.	3.6	7
10	Coulomb interaction-induced jitter amplification in RF-compressed high-brightness electron source ultrafast electron diffraction. New Journal of Physics, 2017, 19, 023015.	2.9	4
11	Dehydrogenation involved Coulomb explosion of molecular C 2 H 4 FBr in an intense laser field. Chemical Physics Letters, 2018, 697, 53-60.	2.6	4
12	Dissociative ionization and Coulomb explosion of ethyl bromide under a near-infrared intense femtosecond laser field. RSC Advances, 2015, 5, 37078-37084.	3.6	3
13	Dissociative photoionization of 1,2-dichloroethane in intense near-infrared femtosecond laser field. Chemical Physics Letters, 2017, 667, 238-243.	2.6	3
14	Dissociative Ionization and Coulomb Explosion of Molecular Bromocyclopropane in an Intense Femtosecond Laser Field. Molecules, 2018, 23, 3096.	3.8	3
15	Multi-ionization of the Cl2 molecule in the near-infrared femtosecond laser field. RSC Advances, 2020, 10, 332-337.	3.6	3
16	Computational Screening of Atomically Thin Two-Dimensional Nanomaterial-Coated Cs₃Sb Heterostructures for High-Performance Photocathodes. Journal of Physical Chemistry C, 2020, 124, 26396-26403.	3.1	3
17	Dissociative ionization of CH2Br2 in 800 and 400 nm femtosecond laser fields. Chemical Physics Letters, 2017, 685, 151-156.	2.6	2
18	Dynamical suppression of Coulomb interaction and sub-fs jitter correction in electron pulse compression. New Journal of Physics, 2020, 22, 093004.	2.9	2

#	Article	IF	Citations
19	Dissociative Ionization of Molecular CF2Br2 under 800 and 400 nm Intense Femtosecond Laser Fields. Applied Sciences (Switzerland), 2021, 11, 1704.	2.5	1
20	Dissociative Ionization and Coulomb Explosion of CHBrCl2 in Intense Near-Infrared Femtosecond Laser Fields. Applied Sciences (Switzerland), 2022, 12, 5014.	2.5	0