

Yan Yang

List of Publications by Year in descending order

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Version: 2024-02-01

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 Ionization and Coulomb Explosion of CHBrCl ₂ in Intense Near-Infrared Femtosecond Laser Fields. Applied Sciences (Switzerland), 2022, 12, 5014.	2.5	0
2	Gaseous cyclodextrin- <i>closo</i> -dodecaborate complexes \hat{I}^{\pm} -CD \hat{A} -B ₁₂ X ₁₂ ²⁺ ($\hat{I}^{\pm} = \hat{I}^{\pm}, \hat{I}^2, \text{ and } \hat{I}^3$; X = F, Cl, Br, and I): electronic structures and intramolecular interactions. Physical Chemistry Chemical Physics, 2021, 23, 13447-13457.	2.8	8
3	Dissociative Ionization of Molecular CF ₂ Br ₂ under 800 and 400 nm Intense Femtosecond Laser Fields. Applied Sciences (Switzerland), 2021, 11, 1704.	2.5	1
4	Multi-ionization of the Cl ₂ molecule in the near-infrared femtosecond laser field. RSC Advances, 2020, 10, 332-337.	3.6	3
5	Computational Screening of Atomically Thin Two-Dimensional Nanomaterial-Coated Cs ₃ Sb Heterostructures for High-Performance Photocathodes. Journal of Physical Chemistry C, 2020, 124, 26396-26403.	3.1	3
6	Photoelectron spectroscopy and computational investigations of the electronic structures and noncovalent interactions of cyclodextrin- <i>closo</i> -dodecaborate anion complexes \hat{I}^{\pm} -CD \hat{A} -B ₁₂ X ₁₂ ²⁺ ($\hat{I}^{\pm} = \hat{I}^{\pm}, \hat{I}^2, \hat{I}^3$; X = H, F). Physical Chemistry Chemical Physics, 2020, 22, 7193-7200.	2.8	14
7	Dynamical suppression of Coulomb interaction and sub-fs jitter correction in electron pulse compression. New Journal of Physics, 2020, 22, 093004.	2.9	2
8	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
9	Dissociative Ionization and Coulomb Explosion of Molecular Bromocyclopropane in an Intense Femtosecond Laser Field. Molecules, 2018, 23, 3096.	3.8	3
10	Compressed Ultrafast Electron Diffraction Imaging Through Electronic Encoding. Physical Review Applied, 2018, 10, .	3.8	9
11	Channel-resolved multiorbital double ionization of molecular Cl ₂ in an intense femtosecond laser field. Physical Review A, 2018, 98, .	2.5	11
12	Dissociative photoionization of 1,2-dichloroethane in intense near-infrared femtosecond laser field. Chemical Physics Letters, 2017, 667, 238-243.	2.6	3
13	Dissociative ionization of CH ₂ Br ₂ in 800 and 400 nm femtosecond laser fields. Chemical Physics Letters, 2017, 685, 151-156.	2.6	2
14	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
15	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
16	Realizing Ultrafast Electron Pulse Self-Compression by Femtosecond Pulse Shaping Technique. Journal of Physical Chemistry Letters, 2015, 6, 3867-3872.	4.6	8
17	Photodissociation of Br ₂ molecules in an intense femtosecond laser field. Physical Review A, 2014, 90, .	2.5	7
18	Coulomb explosion and dissociative ionization of 1,2-dibromoethane under an intense femtosecond laser field. RSC Advances, 2014, 4, 45300-45305.	3.6	7

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19	Ejection of triatomic molecular ion from methyl chloride in an intense femtosecond laser field. <i>Chemical Physics Letters</i> , 2013, 581, 16-20.	2.6	19
20	Dissociative double ionization of 1-bromo-2-chloroethane irradiated by an intense femtosecond laser field. <i>Journal of Chemical Physics</i> , 2011, 135, 064303.	3.0	24