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List of Publications by Year in descending order

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28
papers

384
citations

759233

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docs citations

28
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Coulomb-explosion imaging of concurrent CH^2Br photodissociation dynamics. <i>Physical Review A</i> , 2017, 96, .	2.5	50
2	Coulomb explosion imaging of CH_3I and CH_2ClI photodissociation dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 204313.	3.0	46
3	Time-resolved inner-shell photoelectron spectroscopy: From a bound molecule to an isolated atom. <i>Physical Review A</i> , 2018, 97, .	2.5	40
4	Hard x-ray spectroscopy and dynamics of isolated atoms and molecules: a review. <i>Reports on Progress in Physics</i> , 2020, 83, 016401.	20.1	28
5	Subfemtosecond Control of Molecular Fragmentation by Hard X-Ray Photons. <i>Physical Review Letters</i> , 2017, 118, 213001.	7.8	25
6	Cationic double K-hole pre-edge states of CS_2 and SF_6 . <i>Scientific Reports</i> , 2017, 7, 13317.	3.3	19
7	Potential Energy Surface Reconstruction and Lifetime Determination of Molecular Double-Core-Hole States in the Hard X-Ray Regime. <i>Physical Review Letters</i> , 2017, 119, 133001.	7.8	17
8	Energy Transfer into Molecular Vibrations and Rotations by Recoil in Inner-Shell Photoemission. <i>Physical Review Letters</i> , 2018, 121, 073002.	7.8	17
9	Experimental and theoretical study of the double-core-hole hypersatellite Auger spectrum of Ne. <i>Physical Review A</i> , 2017, 96, .	2.5	15
10	Ultrafast nuclear dynamics in the doubly-core-ionized water molecule observed via Auger spectroscopy. <i>Physical Review A</i> , 2018, 98, .	2.5	15
11	Charge transfer in high velocity Cn^{++} He collisions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 2593-2603.	1.5	13
12	Interplay of complex decay processes after argon $1s$ ionization. <i>Physical Review A</i> , 2018, 97, .	2.5	10
13	Inner-Shell-Ionization-Induced Femtosecond Structural Dynamics of Water Molecules Imaged at an X-Ray Free-Electron Laser. <i>Physical Review X</i> , 2021, 11, .	8.9	10
14	Electronic-state "lifetime interference in the hard-x-ray regime: Argon as a showcase. <i>Physical Review A</i> , 2017, 95, .	2.5	9
15	New achievements on relaxation dynamics of atoms and molecules photoexcited in the tender x-ray domain at synchrotron SOLEIL. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 042001.	1.5	8
16	Sedimentation rates in the Lake Qattinah using ^{210}Pb and ^{137}Cs as geochronometer. <i>Geochronometria</i> , 2014, 41, 81-86.	0.8	7
17	Detailed assignment of normal and resonant Auger spectra of Xe near the L edges. <i>Physical Review A</i> , 2017, 96, .	2.5	6
18	Unified treatment of recoil and Doppler broadening in molecular high-energy photoemission. <i>New Journal of Physics</i> , 2021, 23, 063077.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Periodic Multilayer for X-ray Spectroscopy in the Li K Range. Applied Sciences (Switzerland), 2021, 11, 6385.	2.5	6
20	Ultrafast dissociation of ammonia: Auger Doppler effect and redistribution of the internal energy. Physical Chemistry Chemical Physics, 2022, 24, 5842-5854.	2.8	6
21	Chemical and biological effects of low pressure N ₂ -O ₂ plasma setup on polymeric materials. Journal of Polymer Engineering, 2019, 39, 309-315.	1.4	5
22	Electron spectroscopy and dynamics of HBr around the Br 1s ¹ threshold. Physical Chemistry Chemical Physics, 2020, 22, 26806-26818.	2.8	5
23	Nonstatistical behavior of the photoionization of spin-orbit doublets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 085001.	1.5	4
24	Electron delocalisation in conjugated sulfur heterocycles probed by resonant Auger spectroscopy. Physical Chemistry Chemical Physics, 2022, 24, 8477-8487.	2.8	4
25	Experimental setup for the study of resonant inelastic X-ray scattering of organometallic complexes in gas phase. Review of Scientific Instruments, 2018, 89, 063107.	1.3	3
26	A von Hamos spectrometer based on highly annealed pyrolytic graphite crystal in tender x-ray domain. Review of Scientific Instruments, 2021, 92, 073104.	1.3	3
27	Time and position sensitive photon detector for coincidence measurements in the keV energy range. Review of Scientific Instruments, 2018, 89, 113101.	1.3	2
28	Resonant Auger decay induced by the symmetry-forbidden 1 <i>a</i> _{1g} → 1 <i>a</i> _{1g} transition of the SF ₆ molecule. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 042801.	2.1	2