

Esam Ali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4711269/publications.pdf>

Version: 2024-02-01

24
papers

226
citations

1163117

8
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron vacancy-level dependent hybrid photoionization of the F^{C60+} molecule: a novel effect. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 045101.	1.5	0
2	Ultrafast Transfer and Transient Entrapment of Photoexcited Mg Electron in C_{60} . Physical Review Letters, 2021, 126, 183002.	2.5	1
3	Density functional study of the variants of inter-Coulombic decay resonances in the photoionization of $Cl@C_{60}$. Physica Scripta, 2021, 96, 104007.	2.5	6
4	Absolute triple differential cross sections for low-energy electron impact ionization of biochemically relevant systems: Water, tetrahydrofuran, and hydrated tetrahydrofuran. Physical Review A, 2021, 104, .	2.5	6
5	A dynamical ($e,2e$) investigation into the ionization of pyrazine. Chemical Physics Letters, 2021, 781, 139000.	2.6	1
6	Ejected-electron-energy and angular dependence of fully differential ionization cross sections in medium-velocity proton collisions with He and H_2 . Physical Review A, 2020, 102, .	2.5	2
7	A density functional theory based comparative study of hybrid photoemissions from $Cl@C_{60}$, $Br@C_{60}$ and $I@C_{60}$. European Physical Journal D, 2020, 74, 1.	1.3	3
8	Triple-differential cross sections for electron-impact ionization dynamics of tetrahydrofuran at low projectile energy. Physical Review A, 2020, 102, .	2.5	4
9	Molecular-frame ($e,2e$) ionization dynamics of H_2 at high impact-energy. European Physical Journal D, 2020, 74, 1.	1.3	1
10	Improved theoretical calculations for electron-impact ionization of DNA analogue molecules. Journal of Chemical Physics, 2020, 152, 124303.	3.0	12
11	A dynamical ($e,2e$) investigation into the ionization of the outermost orbitals of R-carvone. Journal of Chemical Physics, 2019, 151, 124306.	3.0	7
12	Target dependence of postcollision interaction effects on fully differential ionization cross sections. Physical Review A, 2019, 100, .	2.5	8
13	Few-body dynamics underlying postcollision effects in the ionization of H_2 by 75-keV proton impact. Physical Review A, 2019, 99, .	2.5	6
14	Target dependence of post-collision effects in ionization by proton impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 125202.	1.5	5
15	Triple differential cross sections for electron-impact ionization of methane at intermediate energy. Journal of Chemical Physics, 2019, 150, 194302.	3.0	10
16	Electron-impact ionization of H_2 and O_2 at low projectile energy: Internormalized triple-differential cross sections in three-dimensional kinematics. Physical Review A, 2017, 95, .	2.5	28
17	Electron impact ionization dynamics of <i>para</i> -benzoquinone. Journal of Chemical Physics, 2016, 145, 164306.	3.0	21
18	Experimental and theoretical triple-differential cross sections for tetrahydrofuran ionized by low-energy 26-eV-electron impact. Physical Review A, 2016, 93, .	2.5	9

#	ARTICLE	IF	CITATIONS
19	Comparison of experimental and theoretical triple differential cross sections for the single ionization of CO_2 by electron impact. <i>Physical Review A</i> , 2016, 93, .	2.5	4
20	Comparison of experimental and theoretical electron-impact-ionization triple-differential cross sections for ethane. <i>Physical Review A</i> , 2015, 92, .	2.5	23
21	Electron- and photon-impact ionization of furfural. <i>Journal of Chemical Physics</i> , 2015, 143, 184310.	3.0	24
22	Experimental and theoretical study of electron-impact ionization plus excitation of aligned H_2 . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 115201.	1.5	8
23	Fully differential cross sections for electron-impact excitation-ionization of aligned H_2 . <i>Physical Review A</i> , 2014, 89, .	2.5	15
24	Triply differential (e,2e) studies of phenol. <i>Journal of Chemical Physics</i> , 2014, 141, 124307.	3.0	30