

# Esam Ali

## List of Publications by Year in descending order

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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	Triply differential (e,2e) studies of phenol. Journal of Chemical Physics, 2014, 141, 124307.	3.0	30
2	Electron-impact ionization of $H_2O$ at low projectile energy: Internormalized triple-differential cross sections in three-dimensional kinematics. Physical Review A, 2017, 95, .	2.5	28
3	Electron- and photon-impact ionization of furfural. Journal of Chemical Physics, 2015, 143, 184310.	3.0	24
4	Comparison of experimental and theoretical electron-impact-ionization triple-differential cross sections for ethane. Physical Review A, 2015, 92, .	2.5	23
5	Electron impact ionization dynamics of <i>para</i> -benzoquinone. Journal of Chemical Physics, 2016, 145, 164306.	3.0	21
6	Improved theoretical calculations for electron-impact ionization of DNA analogue molecules. Journal of Chemical Physics, 2020, 152, 124303.	3.0	12
7	Triple differential cross sections for electron-impact ionization of methane at intermediate energy. Journal of Chemical Physics, 2019, 150, 194302.	3.0	10
8	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
9	Experimental and theoretical study of electron-impact ionization plus excitation of aligned $H_2$ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 115201.	1.5	8
10	Target dependence of postcollision interaction effects on fully differential ionization cross sections. Physical Review A, 2019, 100, .	2.5	8
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	Ultrafast Transfer and Transient Entrapment of Photoexcited Mg Electron in $MgC_60$ . Physical Review Letters, 2021, 126, 183002.	2.5	7
13	Fullly differential cross sections for electron-impact excitation-ionization of aligned $CD_2$ . Physical Review A, 2014, 89, .	2.5	6
14	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
15	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
16	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
17	Comparison of experimental and theoretical triple differential cross sections for the single ionization of $CO_2$ by electron impact. Physical Review A, 2016, 93, .	2.5	4
18	Triple-differential cross sections for electron-impact ionization dynamics of tetrahydrofuran at low projectile energy. Physical Review A, 2020, 102, .	2.5	4

#	ARTICLE	IF	CITATIONS
19	A density functional theory based comparative study of hybrid photoemissions from Cl@C60, Br@C60 and I@C60. European Physical Journal D, 2020, 74, 1.	1.3	3
20	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
21	Molecular-frame $(e, 2e)$ ionization dynamics of H2 at high impact-energy. European Physical Journal D, 2020, 74, 1.	1.3	1
22	Density functional study of the variants of inter-Coulombic decay resonances in the photoionization of Cl@C <sub>60</sub> . Physica Scripta, 2021, 96, 104007.	2.5	1
23	A dynamical $(e, 2e)$ investigation into the ionization of pyrazine. Chemical Physics Letters, 2021, 781, 139000.	2.6	1
24	Electron vacancy-level dependent hybrid photoionization of the $F^{\hat{a}^+}@C60^+$ molecule: a novel effect. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 045101.	1.5	0