

Suvam Singh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

229
citations

933447

10
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculation of total and ionization cross sections for electron scattering by primary benzene compounds. Journal of Chemical Physics, 2016, 145, 034309.	3.0	35
2	Theoretical Formalism To Estimate the Positron Scattering Cross Section. Journal of Physical Chemistry A, 2016, 120, 5685-5692.	2.5	24
3	Positron total scattering cross-sections for alkali atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 015204.	1.5	20
4	Study of inelastic channels by positron impact on simple molecules. Journal of Applied Physics, 2017, 121, .	2.5	19
5	Positron scattering from simple molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 135202.	1.5	18
6	Total ionization cross section of cyclic organic molecules. Journal of Chemical Physics, 2019, 150, 064313.	3.0	18
7	Electron scattering studies of DMS, DMDS and DMSO homologous series. Molecular Physics, 2015, 113, 3883-3890.	1.7	12
8	Positron induced scattering cross sections for hydrocarbons relevant to plasma. Physics of Plasmas, 2018, 25, .	1.9	12
9	Electron scattering from C ₂ -C ₈ symmetric ether molecules. International Journal of Mass Spectrometry, 2016, 409, 1-8.	1.5	11
10	Positron Scattering from Methyl Halides. Journal of Physical Chemistry A, 2018, 122, 2513-2522.	2.5	11
11	Positronium formation and ionization of atoms and diatomic molecules by positron impact. Europhysics Letters, 2017, 119, 50006.	2.0	10
12	Study of elastic and inelastic cross sections by positron impact on inert gases. European Physical Journal D, 2018, 72, 1.	1.3	7
13	Electron Scattering Cross Sections for Anthracene and Pyrene. Journal of Physical Chemistry A, 2020, 124, 7088-7100.	2.5	7
14	Electron and positron scattering cross sections for propene. Journal of Applied Physics, 2018, 124, 034901.	2.5	6
15	Positron scattering calculations of elastic, total and momentum transfer cross section for alkaline earth atoms. International Journal of Mass Spectrometry, 2018, 428, 22-28.	1.5	5
16	Plasma-relevant electron scattering cross sections of propene. Plasma Sources Science and Technology, 2018, 27, 105014.	3.1	5
17	Theoretical study of positron scattering by group 14 tetra hydrides: A quantum mechanical approach. International Journal of Quantum Chemistry, 2018, 118, e25679.	2.0	3
18	Electron scattering studies of BF and BF ₂ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 225203.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Positron scattering studies of different inelastic channels for group IIA elements. Chemical Physics Letters, 2018, 692, 242-248.	2.6	2
20	Electron induced scattering from germane. European Physical Journal D, 2018, 72, 1.	1.3	1
21	Positron Collision Dynamics for C ₂ –C ₃ Hydrocarbons. Springer Proceedings in Physics, 2019, , 239-249.	0.2	0