Satyendra Pal

List of Publications by Year
in descending order

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21 papers	175 citations	1163117 8 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	56 citing authors

#	Article	IF	Citations
1	Determination of single differential and partial cross-sections for the production of cations in electronâ€“methanol collision. Chemical Physics, 2004, 302, 119-124.	1.9	19
2	Differential, partial and total electron impact ionization cross sections for SF6. Journal of Chemical Physics, 2004, 120, 4658-4663.	3.0	19
3	Electron impact ionization cross-sections for the N2 and O2 molecules. Journal of Electron Spectroscopy and Related Phenomena, 2003, 129, 35-41.	1.7	14
4	Electron impact ionization of the Cl2 molecule. International Journal of Mass Spectrometry, 2003, 229, 151-156.	1.5	14
5	Partial differential cross sections for the ionization of the SO2 molecule by electron impact. Rapid Communications in Mass Spectrometry, 1998, 12, 297-301.	1.5	12
6	Differential and partial ionization cross sections for electron impact ionization of plasma processing molecules: CF₄and PF₅. Physica Scripta, 2008, 77, 055304.	2.5	12
7	Evaluation of Electron-Impact Ionization Cross Sections for Molecules. Journal of Physical Chemistry A, 2019, 123, 4314-4321.	2.5	12
8	Electron impact ionization cross sections of the CO2 clusters. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 625-629.	1.7	10
9	Partial double- and single-differential cross-sections for CO2 by electron collision. Chemical Physics Letters, 1999, 308, 428-436.	2.6	8
10	Determination of angular cross sections for electron dissociative ionization of the CCl4molecule. Journal of Physics: Conference Series, 2009, 163, 012030.	0.4	7
11	Ionization cross-sections for C2H2 and C2H5OH by electron- impact. Radiation Physics and Chemistry, 2020, 173, 108877.	2.8	7
12	Partial doubly differential cross-sections for the ionization of H2 by electron impact. International Journal of Mass Spectrometry and Ion Processes, 1998, 175, 247-252.	1.8	6
13	Differential cross sections for the ionization of the CO molecule by electron impact. International Journal of Mass Spectrometry, 1999, 184, 201-205.	1.5	6
14	Electron-Collision-Induced Dissociative Ionization Cross Sections for Silane. Advances in Physical Chemistry, 2009, 2009, 1-9.	2.0	6
15	(e,2e) ionization cross-sections for C4H4O, C4H8O and C6H8O. International Journal of Mass Spectrometry, 2021, 468, 116665.	1.5	6
16	Determination of cross sections and rate coefficients for the electron impact dissociation of NO2. Chemical Physics, 2006, 327, 452-456.	1.9	4
17	Evaluation of direct ionization cross sections for C₆₀by electron interaction. Journal of Physics: Conference Series, 2009, 163, 012029.	0.4	4
18	Dissociative ionisation of methane by electron impact. International Journal of Mass Spectrometry and Ion Processes, 1996, 153, 79-86.	1.8	3

#	Article	IF	Citations
19	Determination of partial single differential electron ionization cross sections of H2. Journal of Electron Spectroscopy and Related Phenomena, 2000, 109, 227-232.	1.7	3
20	Electron impact ionization cross sections for methylamines. Journal of Electron Spectroscopy and Related Phenomena, 2018, 226, 22-25.	1.7	2
21	(e,2e) Partial Ionization Cross Sections for n-Butane. Journal of Physical Chemistry A, 2021, 125, 8691-8698.	2.5	1