Tomasz J Wasowicz

List of Publications by Year in descending order

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Version: 2024-02-01

35 papers	287 citations	759055 12 h-index	996849 15 g-index
35 all docs	35 docs citations	35 times ranked	144 citing authors

#	Article	IF	Citations
1	Neutral Dissociation of Pyridine Evoked by Irradiation of Ionized Atomic and Molecular Hydrogen Beams. International Journal of Molecular Sciences, 2022, 23, 205.	1.8	1
2	Soft X-ray Induced Production of Neutral Fragments in High-Rydberg States at the O 1s Ionization Threshold of the Water Molecule. Journal of Physical Chemistry A, 2021, 125, 713-720.	1.1	3
3	Optical Spectroscopic Studies of Tetrahydrofuran Fragmentation Induced by Collisions with Dihydrogen Cations. Acta Physica Polonica A, 2021, 140, 228-234.	0.2	2
4	Vacuum ultraviolet photoionization and ionic fragmentation of the isoxazole molecules. International Journal of Mass Spectrometry, 2020, 449, 116276.	0.7	7
5	Collision-induced luminescence spectra of pyridine bombarded by 1000ÂeV He+ cations. Results in Physics, 2020, 18, 103244.	2.0	2
6	Charge Transfer, Complexes Formation and Furan Fragmentation Induced by Collisions with Low-Energy Helium Cations. International Journal of Molecular Sciences, 2019, 20, 6022.	1.8	6
7	Study of ultraviolet-visible fluorescence emission following resonant Auger decay of the 2 p -1 nl core-excited states of argon atoms. Journal of Electron Spectroscopy and Related Phenomena, 2018, 226, 35-40.	0.8	1
8	Elimination and migration of hydrogen in the vacuum-ultraviolet photodissociation of pyridine molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 015101.	0.6	9
9	Yields and Time-of-Flight Spectra of Neutral High-Rydberg Fragments at the K Edges of the CO2 Molecule. Journal of Physical Chemistry A, 2016, 120, 4360-4367.	1.1	6
10	Interactions of protons with furan molecules studied by collision-induced emission spectroscopy at the incident energy range of 50â€“1000 eV. European Physical Journal D, 2016, 70, 1.	0.6	10
11	Observation of the Hydrogen Migration in the Cation-Induced Fragmentation of the Pyridine Molecules. Journal of Physical Chemistry A, 2016, 120, 964-971.	1.1	19
12	Hydrogen migration observed in fragmentation of the pyridine molecules in collisions with the H+, H2+, He+and He++cations. Journal of Physics: Conference Series, 2015, 635, 032114.	0.3	2
13	Hydrogen migration in photodissociation of the pyridine molecules. Journal of Physics: Conference Series, 2015, 635, 112049.	0.3	2
14	Charge transfer and formation of complexes in the He+ collisions with the furan molecules. Journal of Physics: Conference Series, 2015, 635, 032055.	0.3	3
15	Fragmentation of Tetrahydrofuran Molecules by H+, C+, and O+ Collisions at the Incident Energy Range of 25â€“1000 eV. Journal of Physical Chemistry A, 2015, 119, 581-589.	1.1	14
16	Formation of CN (B2Î£+) radicals in the vacuum-ultraviolet photodissociation of pyridine and pyrimidine molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 055103.	0.6	20
17	Hydrogen migration in formation of NH(A3Î) radicals via superexcited states in photodissociation of isoxazole molecules. Journal of Chemical Physics, 2014, 141, 064301.	1.2	14
18	Superexcited states in the vacuum-ultraviolet photofragmentation of isoxazole molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 205103.	0.6	16

#	Article	IF	Citations
19	Stark effect of atomic Helium singlet lines. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 934.	0.9	17
20	O 1s excitation and ionization processes in the CO2molecule studied via detection of low-energy fluorescence emission. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 165103.	0.6	7
21	Photofragmentation of tetrahydrofuran molecules in the vacuum-ultraviolet region via superexcited states studied by fluorescence spectroscopy. Physical Review A, 2011, 83, .	1.0	18
22	Electron impact fragmentation of pyrrole molecules studied by fluorescence emission spectroscopy. Photonics Letters of Poland, 2011, 3, .	0.2	4
23	Fragmentation of isoxazole molecules by electron impact in the energy range 10â€“85eV. Chemical Physics Letters, 2010, 498, 27-31.	1.2	20
24	Isotope shifts of multipole lines of Pb I and Pb II. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2628.	0.9	3
25	Electronic and nuclear properties from the analysis of the isotope shifts in the spectral lines of lead. European Physical Journal D, 2009, 53, 263-272.	0.6	3
26	Stark effect of atomic helium second triplet series in electric fields up to 1600â€‰kVâ€‰cm^{â^'1}. Physica Scripta, 2008, 78, 065303.	1.2	15
27	Isotope shifts in the spectrum of Pbâ€‰I. Physica Scripta, 2008, 77, 025301.	1.2	9
28	The E2 admixtures in mixed forbidden lines of Biâ€‰I and Pbâ€‰I. Physica Scripta, 2007, 76, 294-298.	1.2	6
29	Hyperfine structure and isotope shifts in 733.2Ânm mixed forbidden line of Pbâ€‰I. European Physical Journal: Special Topics, 2007, 144, 185-189.	1.2	4
30	Anticrossing effects in Stark spectra of helium. , 2005, , .		4
31	Investigation of hyperfine structure of several major lines in PbI and PbII. , 2005, , .		1
32	Isotope shift study in two visible lines: 500.6 nm and 520.3 nm of Pb I. , 2005, , .		0
33	Hyperfine structure and isotope shift study in singly ionized lead. European Physical Journal D, 2005, 36, 249-255.	0.6	13
34	Hyperfine Structure Study of Several Lines of207Pb I. Physica Scripta, 2005, 71, 274-276.	1.2	14
35	Hyperfine Structure Study of Several Lines of207Pb I â€“ Part II. Physica Scripta, 2005, 72, 200-202.	1.2	12