

Tomasz J Wasowicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/85783/publications.pdf>

Version: 2024-02-01

35
papers

287
citations

759233

12
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Fragmentation of isoxazole molecules by electron impact in the energy range 10–85 eV. <i>Chemical Physics Letters</i> , 2010, 498, 27-31.	2.6	20
2	Formation of CN (B ² Σ ⁺) radicals in the vacuum-ultraviolet photodissociation of pyridine and pyrimidine molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 055103.	1.5	20
3	Observation of the Hydrogen Migration in the Cation-Induced Fragmentation of the Pyridine Molecules. <i>Journal of Physical Chemistry A</i> , 2016, 120, 964-971.	2.5	19
4	Photofragmentation of tetrahydrofuran molecules in the vacuum-ultraviolet region via superexcited states studied by fluorescence spectroscopy. <i>Physical Review A</i> , 2011, 83, .	2.5	18
5	Stark effect of atomic Helium singlet lines. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 934.	2.1	17
6	Superexcited states in the vacuum-ultraviolet photofragmentation of isoxazole molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 205103.	1.5	16
7	Stark effect of atomic helium second triplet series in electric fields up to 1600 kV/cm ¹ . <i>Physica Scripta</i> , 2008, 78, 065303.	2.5	15
8	Hyperfine Structure Study of Several Lines of ²⁰⁷ Pb I. <i>Physica Scripta</i> , 2005, 71, 274-276.	2.5	14
9	Hydrogen migration in formation of NH(A ³ Π) radicals via superexcited states in photodissociation of isoxazole molecules. <i>Journal of Chemical Physics</i> , 2014, 141, 064301.	3.0	14
10	Fragmentation of Tetrahydrofuran Molecules by H ⁺ , C ⁺ , and O ⁺ Collisions at the Incident Energy Range of 25–1000 eV. <i>Journal of Physical Chemistry A</i> , 2015, 119, 581-589.	2.5	14
11	Hyperfine structure and isotope shift study in singly ionized lead. <i>European Physical Journal D</i> , 2005, 36, 249-255.	1.3	13
12	Hyperfine Structure Study of Several Lines of ²⁰⁷ Pb I – Part II. <i>Physica Scripta</i> , 2005, 72, 200-202.	2.5	12
13	Interactions of protons with furan molecules studied by collision-induced emission spectroscopy at the incident energy range of 50–1000 eV. <i>European Physical Journal D</i> , 2016, 70, 1.	1.3	10
14	Isotope shifts in the spectrum of ²⁰⁷ Pb I. <i>Physica Scripta</i> , 2008, 77, 025301.	2.5	9
15	Elimination and migration of hydrogen in the vacuum-ultraviolet photodissociation of pyridine molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 015101.	1.5	9
16	O 1s excitation and ionization processes in the CO ₂ molecule studied via detection of low-energy fluorescence emission. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 165103.	1.5	7
17	Vacuum ultraviolet photoionization and ionic fragmentation of the isoxazole molecules. <i>International Journal of Mass Spectrometry</i> , 2020, 449, 116276.	1.5	7
18	The E2 admixtures in mixed forbidden lines of Bi I and ²⁰⁷ Pb I. <i>Physica Scripta</i> , 2007, 76, 294-298.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Yields and Time-of-Flight Spectra of Neutral High-Rydberg Fragments at the K Edges of the CO ₂ Molecule. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4360-4367.	2.5	6
20	Charge Transfer, Complexes Formation and Furan Fragmentation Induced by Collisions with Low-Energy Helium Cations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6022.	4.1	6
21	Anticrossing effects in Stark spectra of helium. , 2005, , .		4
22	Hyperfine structure and isotope shifts in 733.2Ånm mixed forbidden line of Pb I. <i>European Physical Journal: Special Topics</i> , 2007, 144, 185-189.	2.6	4
23	Electron impact fragmentation of pyrrole molecules studied by fluorescence emission spectroscopy. <i>Photonics Letters of Poland</i> , 2011, 3, .	0.4	4
24	Electronic and nuclear properties from the analysis of the isotope shifts in the spectral lines of lead. <i>European Physical Journal D</i> , 2009, 53, 263-272.	1.3	3
25	Isotope shifts of multipole lines of Pb I and Pb II. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010, 27, 2628.	2.1	3
26	Charge transfer and formation of complexes in the He ⁺ collisions with the furan molecules. <i>Journal of Physics: Conference Series</i> , 2015, 635, 032055.	0.4	3
27	Soft X-ray Induced Production of Neutral Fragments in High-Rydberg States at the O 1s Ionization Threshold of the Water Molecule. <i>Journal of Physical Chemistry A</i> , 2021, 125, 713-720.	2.5	3
28	Hydrogen migration observed in fragmentation of the pyridine molecules in collisions with the H ⁺ , H ₂ ⁺ , He ⁺ and He ⁺⁺ cations. <i>Journal of Physics: Conference Series</i> , 2015, 635, 032114.	0.4	2
29	Hydrogen migration in photodissociation of the pyridine molecules. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112049.	0.4	2
30	Collision-induced luminescence spectra of pyridine bombarded by 1000ÅeV He ⁺ cations. <i>Results in Physics</i> , 2020, 18, 103244.	4.1	2
31	Optical Spectroscopic Studies of Tetrahydrofuran Fragmentation Induced by Collisions with Dihydrogen Cations. <i>Acta Physica Polonica A</i> , 2021, 140, 228-234.	0.5	2
32	Investigation of hyperfine structure of several major lines in PbI and PbII. , 2005, , .		1
33	Study of ultraviolet-visible fluorescence emission following resonant Auger decay of the 2 p ⁻¹ nl core-excited states of argon atoms. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2018, 226, 35-40.	1.7	1
34	Neutral Dissociation of Pyridine Evoked by Irradiation of Ionized Atomic and Molecular Hydrogen Beams. <i>International Journal of Molecular Sciences</i> , 2022, 23, 205.	4.1	1
35	Isotope shift study in two visible lines: 500.6 nm and 520.3 nm of Pb I. , 2005, , .		0