

Peter Papp

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

471
citations

623574

14
h-index

677027

22
g-index

28
all docs

28
docs citations

28
times ranked

459
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Thermal desorption effects on fragment ion production from multi-photon ionized uridine and selected analogues. RSC Advances, 2021, 11, 20612-20621. | 1.7 | 5 |
| 2 | Study of atmospheric pressure chemical ionization of phthalates in air by ion mobility spectrometry/mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e9145. | 0.7 | 1 |
| 3 | Electron ionization and photoionization of cyclopropylamine. International Journal of Mass Spectrometry, 2020, 455, 116390. | 0.7 | 0 |
| 4 | Isomer and conformer selective atmospheric pressure chemical ionisation of dimethyl phthalate. Physical Chemistry Chemical Physics, 2019, 21, 13679-13685. | 1.3 | 8 |
| 5 | Dissociative electron attachment and electronic excitation in Fe(CO) ₅ . Physical Chemistry Chemical Physics, 2018, 20, 11692-11701. | 1.3 | 40 |
| 6 | Electron interaction with copper(II) carboxylate compounds. Beilstein Journal of Nanotechnology, 2018, 9, 384-398. | 1.5 | 11 |
| 7 | Dissociation of dicyclohexyl phthalate molecule induced by low-energy electron impact. Journal of Chemical Physics, 2018, 148, 214305. | 1.2 | 3 |
| 8 | Dissociative electron attachment to 2,4,6-trichloroanisole and 2,4,6-tribromoanisole molecules. Journal of Chemical Physics, 2017, 147, 234302. | 1.2 | 22 |
| 9 | Suppression of low-energy dissociative electron attachment in Fe(CO) ₅ upon clustering. Beilstein Journal of Nanotechnology, 2017, 8, 2200-2207. | 1.5 | 19 |
| 10 | Fragmentation of methylphenylsilane and trimethylphenylsilane: A combined theoretical and experimental study. International Journal of Mass Spectrometry, 2015, 385, 1-12. | 0.7 | 2 |
| 11 | Electron-induced ionization and dissociative ionization of iron pentacarbonyl molecules. European Physical Journal D, 2015, 69, 1. | 0.6 | 25 |
| 12 | Acetone and the precursor ligand acetylacetone: distinctly different electron beam induced decomposition?. Physical Chemistry Chemical Physics, 2015, 17, 1204-1216. | 1.3 | 25 |
| 13 | An experimental and theoretical study of electron impact ionization and dissociative electron attachment to trimethyl borate. International Journal of Mass Spectrometry, 2014, 365-366, 157-162. | 0.7 | 0 |
| 14 | An experimental and theoretical study on structural parameters and energetics in ionization and dissociation of cobalt tricarbonyl nitrosyl. International Journal of Mass Spectrometry, 2013, 356, 24-32. | 0.7 | 13 |
| 15 | Absolute cross sections for dissociative electron attachment and dissociative ionization of cobalt tricarbonyl nitrosyl in the energy range from 0 eV to 140 eV. Journal of Chemical Physics, 2013, 138, 044305. | 1.2 | 51 |
| 16 | Analytical continuation in coupling constant method; application to the calculation of resonance energies and widths for organic molecules: Glycine, alanine and valine and dimer of formic acid. Chemical Physics, 2013, 418, 8-13. | 0.9 | 15 |
| 17 | Electron ionization and dissociation of aliphatic amino acids. Journal of Chemical Physics, 2012, 137, 105101. | 1.2 | 21 |
| 18 | The breakdown voltage characteristics, the effective secondary emission coefficient and the ionization coefficient of the argon-based mixtures. Nuclear Instruments & Methods in Physics Research B, 2012, 279, 100-102. | 0.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Resonance Electron Capture by Serine. <i>Journal of Physical Chemistry A</i> , 2010, 114, 1677-1683. | 1.1 | 27 |
| 20 | Electron impact ionization of furanose alcohols. <i>Journal of Chemical Physics</i> , 2010, 132, 104308. | 1.2 | 20 |
| 21 | Specific formation of negative ions from leucine and isoleucine molecules. <i>Journal of Chemical Physics</i> , 2010, 132, 014301. | 1.2 | 18 |
| 22 | Electron impact ionisation and UV absorption study of $\hat{1}\pm$ - and $\hat{1}^2$ -pinene. <i>International Journal of Mass Spectrometry</i> , 2009, 280, 169-173. | 0.7 | 20 |
| 23 | Many-body Brillouin-Wigner second-order perturbation theory: an application to the autoaromatisation of hex-3-ene-1,5-diyne (the Bergman reaction). <i>Molecular Physics</i> , 2008, 106, 57-74. | 0.8 | 6 |
| 24 | Quantum-chemical calculations of the products and energies of electron induced ionization of 2-Furanmethanol, Tetrahydro- and 3-Furanol. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2008, 6, 127-139. | 0.2 | 7 |
| 25 | Many-body Brillouin-Wigner second-order perturbation theory: A robust and efficient approach to the multireference correlation problem. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 2622-2631. | 1.0 | 15 |
| 26 | Many-body Brillouin-Wigner second-order perturbation theory using a multireference formulation: an application to bond breaking in the diatomic hydrides BH and FH. <i>Molecular Physics</i> , 2006, 104, 2367-2386. | 0.8 | 14 |
| 27 | Dissociative electron attachment to gas phase valine: A combined experimental and theoretical study. <i>Journal of Chemical Physics</i> , 2006, 125, 204301. | 1.2 | 74 |
| 28 | Multireference second-order Brillouin-Wigner perturbation theory. <i>Molecular Physics</i> , 2004, 102, 701-709. | 0.8 | 6 |