Dariusz Pogocki

List of Publications by Year in descending order

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23 papers	783 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	595 citing authors

#	Article	IF	Citations
1	Free Radical Reactions of Methionine in Peptides:Â Mechanisms Relevant to Î²-Amyloid Oxidation and Alzheimer's Disease. Journal of the American Chemical Society, 2003, 125, 13700-13713.	13.7	180
2	Stabilization of Sulfide Radical Cations through Complexation with the Peptide Bond:â€‰ Mechanisms Relevant to Oxidation of Proteins Containing Multiple Methionine Residues. Journal of Physical Chemistry B, 2007, 111, 9608-9620.	2.6	67
3	Application of nicotine enantiomers, derivatives and analogues in therapy of neurodegenerative disorders. European Journal of Pharmacology, 2007, 563, 18-39.	3.5	66
4	Redox Properties of Met35in Neurotoxic Î²-Amyloid Peptide. A Molecular Modeling Study. Chemical Research in Toxicology, 2002, 15, 408-418.	3.3	62
5	Intramolecular Sulfurâ^'Oxygen Bond Formation in Radical Cations ofN-Acetylmethionine Amide. Journal of the American Chemical Society, 2000, 122, 10224-10225.	13.7	61
6	Sulfur Radical Cationâ^'Peptide Bond Complex in the One-Electron Oxidation ofS-Methylglutathione. Journal of the American Chemical Society, 2007, 129, 9236-9245.	13.7	59
7	Mechanism of the hydroxyl radical-induced decarboxylation of 2-(alkylthio)ethanoic acid derivatives. The Journal of Physical Chemistry, 1993, 97, 13677-13684.	2.9	40
8	Oxidation of (Carboxyalkyl)thiopropionic Acid Derivatives by Hydroxyl Radicals. Mechanisms and Kinetics of Competitive Inter- and Intramolecular Formation of Ïƒ- and Ïƒ*-type Sulfuranyl Radicals. Journal of Physical Chemistry A, 1998, 102, 10512-10521.	2.5	37
9	Computational Characterization of Sulfurâ^'Oxygen Three-Electron-Bonded Radicals in Methionine and Methionine-Containing Peptides:â€‰ Important Intermediates in One-Electron Oxidation Processes. Journal of Physical Chemistry A, 2003, 107, 7032-7042.	2.5	36
10	Conformational Flexibility Controls Proton Transfer between the Methionine Hydroxy Sulfuranyl Radical and the N-Terminal Amino Group in Thrâ^'(X)nâ^'Met Peptides. Journal of Physical Chemistry B, 2001, 105, 1250-1259.	2.6	31
11	Conformational Influence on the Type of Stabilization of Sulfur Radical Cations in Cyclic Peptides. ChemPhysChem, 2007, 8, 2202-2210.	2.1	27
12	Mutation of the Phe20 Residue in Alzheimer's Amyloid Î²-Peptide Might Decrease Its Toxicity Due to Disruption of the Met35â^'Cupric Site Electron Transfer Pathway. Chemical Research in Toxicology, 2004, 17, 325-329.	3.3	18
13	Computational Characterization of Sulfurâ^'Oxygen-Bonded Sulfuranyl Radicals Derived from Alkyl- and (Carboxyalkyl)thiopropionic Acids:Â Evidence for Ïƒ*-Type Radicals. Journal of Organic Chemistry, 2002, 67, 1526-1535.	3.2	17
14	The Role of pH in the Mechanism of [.]OH Radical Induced Oxidation of Nicotine. Israel Journal of Chemistry, 2014, 54, 302-315.	2.3	14
15	Headâ€toâ€Tail Interactions in Tyrosine/Benzophenone Dyads in the Ground and the Excited State: NMR and Laser Flash Photolysis Studies. Chemistry - A European Journal, 2008, 14, 7913-7929.	3.3	13
16	New Insights into the Reaction Paths of 4-Carboxybenzophenone Triplet with Oligopeptides Containing N- and C-Terminal Methionine Residues. Journal of Physical Chemistry B, 2017, 121, 5247-5258.	2.6	12
17	Efficient Î±-(Alkylthio)alkyl-Type Radical Formation in ^{â€¢}OH-Induced Oxidation of Î±-(Methylthio)acetamide. Journal of Physical Chemistry A, 2010, 114, 105-116.	2.5	11
18	Formation of a Three-Electron Sulfurâ€“Sulfur Bond as a Probe for Interaction between Side Chains of Methionine Residues. Journal of Physical Chemistry B, 2016, 120, 9732-9744.	2.6	10

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19	Oxidative Degradation of Thiaproline Derivatives in Aqueous Solutions Induced by ^{â€¢}OH Radicals. Israel Journal of Chemistry, 2014, 54, 321-332.	2.3	7
20	Factor analysis of transient spectra. Free radicals in cyclic dipeptides containing methionine. Research on Chemical Intermediates, 2009, 35, 431-442.	2.7	5
21	Essentials and Perspectives of Computational Modelling Assistance for CNS-oriented Nanoparticle-based Drug Delivery Systems. Current Medicinal Chemistry, 2019, 25, 5894-5913.	2.4	5
22	Intramolecular H-atom transfer reactions in rigid peptides â€" Correlated solvent and structural effects. Canadian Journal of Chemistry, 2011, 89, 266-279.	1.1	4
23	The Analysis of Hyperfine Shifts of Mono-Ligand High-Spin Cobalt(II) Pyrazolylborate Complexes. Applied Magnetic Resonance, 2010, 38, 321-335.	1.2	1