

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	Essentials and Perspectives of Computational Modelling Assistance for CNS-oriented Nanoparticle-based Drug Delivery Systems. <i>Current Medicinal Chemistry</i> , 2019, 25, 5894-5913.	2.4	5
2	New Insights into the Reaction Paths of 4-Carboxybenzophenone Triplet with Oligopeptides Containing N- and C-Terminal Methionine Residues. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5247-5258.	2.6	12
3	Formation of a Three-Electron Sulfur-Sulfur Bond as a Probe for Interaction between Side Chains of Methionine Residues. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9732-9744.	2.6	10
4	Oxidative Degradation of Thiaproline Derivatives in Aqueous Solutions Induced by $\cdot\text{OH}$ Radicals. <i>Israel Journal of Chemistry</i> , 2014, 54, 321-332.	2.3	7
5	The Role of pH in the Mechanism of $\cdot\text{OH}$ Radical Induced Oxidation of Nicotine. <i>Israel Journal of Chemistry</i> , 2014, 54, 302-315.	2.3	14
6	Intramolecular H-atom transfer reactions in rigid peptides – Correlated solvent and structural effects. <i>Canadian Journal of Chemistry</i> , 2011, 89, 266-279.	1.1	4
7	The Analysis of Hyperfine Shifts of Mono-Ligand High-Spin Cobalt(II) Pyrazolylborate Complexes. <i>Applied Magnetic Resonance</i> , 2010, 38, 321-335.	1.2	1
8	Efficient $\dot{\text{S}}$ -(Alkylthio)alkyl-Type Radical Formation in $\cdot\text{OH}$ -Induced Oxidation of $\dot{\text{S}}$ -(Methylthio)acetamide. <i>Journal of Physical Chemistry A</i> , 2010, 114, 105-116.	2.5	11
9	Factor analysis of transient spectra. Free radicals in cyclic dipeptides containing methionine. <i>Research on Chemical Intermediates</i> , 2009, 35, 431-442.	2.7	5
10	Head-to-Tail Interactions in Tyrosine/Benzophenone Dyads in the Ground and the Excited State: NMR and Laser Flash Photolysis Studies. <i>Chemistry - A European Journal</i> , 2008, 14, 7913-7929.	3.3	13
11	Stabilization of Sulfide Radical Cations through Complexation with the Peptide Bond: Mechanisms Relevant to Oxidation of Proteins Containing Multiple Methionine Residues. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9608-9620.	2.6	67
12	Sulfur Radical Cation ⁺ Peptide Bond Complex in the One-Electron Oxidation of S-Methylglutathione. <i>Journal of the American Chemical Society</i> , 2007, 129, 9236-9245.	13.7	59
13	Conformational Influence on the Type of Stabilization of Sulfur Radical Cations in Cyclic Peptides. <i>ChemPhysChem</i> , 2007, 8, 2202-2210.	2.1	27
14	Application of nicotine enantiomers, derivatives and analogues in therapy of neurodegenerative disorders. <i>European Journal of Pharmacology</i> , 2007, 563, 18-39.	3.5	66
15	Mutation of the Phe20 Residue in Alzheimer's Amyloid β -Peptide Might Decrease Its Toxicity Due to Disruption of the Met35 ⁺ Cupric Site Electron Transfer Pathway. <i>Chemical Research in Toxicology</i> , 2004, 17, 325-329.	3.3	18
16	Free Radical Reactions of Methionine in Peptides: Mechanisms Relevant to β -Amyloid Oxidation and Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2003, 125, 13700-13713.	13.7	180
17	Computational Characterization of Sulfur-Oxygen Three-Electron-Bonded Radicals in Methionine and Methionine-Containing Peptides: Important Intermediates in One-Electron Oxidation Processes. <i>Journal of Physical Chemistry A</i> , 2003, 107, 7032-7042.	2.5	36
18	Computational Characterization of Sulfur-Oxygen-Bonded Sulfuranyl Radicals Derived from Alkyl- and (Carboxyalkyl)thiopropionic Acids: Evidence for $\dot{\text{S}}$ *-Type Radicals. <i>Journal of Organic Chemistry</i> , 2002, 67, 1526-1535.	3.2	17

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19	Redox Properties of Met35in Neurotoxic Î²-Amyloid Peptide. A Molecular Modeling Study. <i>Chemical Research in Toxicology</i> , 2002, 15, 408-418.	3.3	62
20	Conformational Flexibility Controls Proton Transfer between the Methionine Hydroxy Sulfuranyl Radical and the N-Terminal Amino Group in Thrâˆ“(X)nâˆ“Met Peptides. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1250-1259.	2.6	31
21	Intramolecular Sulfurâˆ“Oxygen Bond Formation in Radical Cations of N-Acetylmethionine Amide. <i>Journal of the American Chemical Society</i> , 2000, 122, 10224-10225.	13.7	61
22	Oxidation of (Carboxyalkyl)thiopropionic Acid Derivatives by Hydroxyl Radicals. Mechanisms and Kinetics of Competitive Inter- and Intramolecular Formation of Îšf- and Îšf*-type Sulfuranyl Radicals. <i>Journal of Physical Chemistry A</i> , 1998, 102, 10512-10521.	2.5	37
23	Mechanism of the hydroxyl radical-induced decarboxylation of 2-(alkylthio)ethanoic acid derivatives. <i>The Journal of Physical Chemistry</i> , 1993, 97, 13677-13684.	2.9	40