

Bartosz Setner

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

504
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional peptides derived from an egg yolk protein hydrolysate: isolation and characterization. <i>Amino Acids</i> , 2015, 47, 369-380.	2.7	132
2	Electrocatalytic water oxidation by Cu ^{II} complexes with branched peptides. <i>Chemical Communications</i> , 2015, 51, 6322-6324.	4.1	72
3	Egg-yolk protein by-product as a source of ACE-inhibitory peptides obtained with using unconventional proteinase from Asian pumpkin (<i>Cucurbita ficifolia</i>). <i>Journal of Proteomics</i> , 2014, 110, 107-116.	2.4	48
4	An attractive way of egg white protein by-product use for producing of novel anti-hypertensive peptides. <i>Food Chemistry</i> , 2014, 151, 500-505.	8.2	32
5	Peptides Labeled with Pyridinium Salts for Sensitive Detection and Sequencing by Electrospray Tandem Mass Spectrometry. <i>Scientific Reports</i> , 2016, 6, 37720.	3.3	32
6	Peptides derivatized with bicyclic quaternary ammonium ionization tags. Sequencing via tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 995-1001.	1.6	21
7	Branched peptide with three histidines for the promotion of Cu ^{II} binding in a wide pH range – complementary potentiometric, spectroscopic and electrochemical studies. <i>RSC Advances</i> , 2015, 5, 56922-56931.	3.6	17
8	Self-assembled, nanostructured coatings for water oxidation by alternating deposition of Cu-branched peptide electrocatalysts and polyelectrolytes. <i>Chemical Science</i> , 2016, 7, 5249-5259.	7.4	17
9	Lossen Rearrangement of p-Toluenesulfonates of N-Oximides in Basic Condition, Theoretical Study, and Molecular Docking. <i>Frontiers in Chemistry</i> , 2021, 9, 662533.	3.6	16
10	The unusual hydrogen-deuterium exchange of α -carbon protons in N-substituted glycine-containing peptides. <i>Journal of Mass Spectrometry</i> , 2014, 49, 43-49.	1.6	15
11	The Cu ²⁺ Binding Properties of Branched Peptides Based on α -2,3-Diaminopropionic Acid. <i>Inorganic Chemistry</i> , 2014, 53, 7951-7959.	4.0	15
12	A novel branched TAT47 α 57 peptide for selective Ni ²⁺ introduction into the human fibrosarcoma cell nucleus. <i>Metallomics</i> , 2015, 7, 1155-1162.	2.4	14
13	The 5-azoniaspiro[4.4]nonyl group for improved MS peptide analysis: A novel non-fragmenting ionization tag for mass spectrometric sensitive sequencing of peptides. <i>Analytica Chimica Acta</i> , 2017, 986, 71-81.	5.4	10
14	Synthesis, biological activity and resistance to proteolytic digestion of a new cyclic dermorphin/deltorphan analogues. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 457-467.	5.5	9
15	Armed by Asp ⁺ C-terminal carboxylate in a Dap-branched peptide and consequences in the binding of Cu ^{II} and electrocatalytic water oxidation. <i>RSC Advances</i> , 2017, 7, 24657-24666.	3.6	9
16	New ionization tags based on the structure of the 5-azoniaspiro[4.4]nonyl tag for a sensitive peptide sequencing by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1311-1321.	3.7	9
17	Quaternary ammonium isobaric tag for a relative and absolute quantification of peptides. <i>Journal of Mass Spectrometry</i> , 2018, 53, 115-123.	1.6	8
18	Complexation of chiral amines by resorcin[4]arene sulfonic acids in polar media – circular dichroism and diffusion studies of chirality transfer and solvent dependence. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1913-1924.	2.2	8

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19	Electrocatalytic water oxidation influenced by the ratio between Cu ²⁺ and a multiply branched peptide ligand. <i>Catalysis Communications</i> , 2019, 122, 5-9.	3.3	7
20	The unexpected racemization and hydrogen-deuterium exchange of the hydrogen at the α -carbon of proline analogs containing the 5-azoniaspiro[4.4]nonyl-group. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 825-831.	2.8	6
21	Cyclic OmpC peptidic epitope conjugated to tetanus toxoid as a potential vaccine candidate against shigellosis. <i>Vaccine</i> , 2018, 36, 4641-4649.	3.8	6
22	SOD-Like Activity of Copper(II) Containing Metallopeptides Branched By 2,3-Diaminopropionic Acid: What the N-Termini Elevate, the C-Terminus Ruins. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 711-717.	1.9	1
23	Analysis for Trace Amounts of Analytes by Electrospray Mass Spectrometry. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2016, 9, 345.	0.1	0