

Aleksandra Hecel

List of Publications by Year in descending order

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18
papers

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1040056

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354
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific Zn(II)-binding site in the C-terminus of Aspf2, a zincophore from <i>Aspergillus fumigatus</i> . <i>Metallomics</i> , 2022, 14, .	2.4	5
2	Metal specificity of the Ni(II) and Zn(II) binding sites of the N-terminal and G-domain of <i>E. coli</i> HypB. <i>Dalton Transactions</i> , 2021, 50, 12635-12647.	3.3	1
3	Novel Perspective on Alzheimer's Disease Treatment: Rosmarinic Acid Molecular Interplay with Copper(II) and Amyloid β . <i>Life</i> , 2020, 10, 118.	2.4	16
4	Zn(II) – The Overlooked 'Miner's Grise of Chloroquine's Fight against COVID-19?. <i>Pharmaceuticals</i> , 2020, 13, 228.	3.8	21
5	Metal Complexes of Two Specific Regions of ZnuA, a Periplasmic Zinc(II) Transporter from <i>Escherichia coli</i> . <i>Inorganic Chemistry</i> , 2020, 59, 1947-1958.	4.0	9
6	Zinc Binding Sites Conserved in Short Neuropeptides Containing a Diphenylalanine Motif. <i>Inorganic Chemistry</i> , 2020, 59, 925-929.	4.0	6
7	Ag ⁺ Complexes as Potential Therapeutic Agents in Medicine and Pharmacy. <i>Current Medicinal Chemistry</i> , 2019, 26, 624-647.	2.4	23
8	Copper(II)-Induced Restructuring of ZnuD, a Zinc(II) Transporter from <i>Neisseria meningitidis</i> . <i>Inorganic Chemistry</i> , 2019, 58, 5932-5942.	4.0	6
9	Structural analysis of copper(I) interaction with amyloid β peptide. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 31-38.	3.5	25
10	How copper ions and membrane environment influence the structure of the human and chicken tandem repeats domain?. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 143-153.	3.5	5
11	Histidine tracts in human transcription factors: insight into metal ion coordination ability. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 81-90.	2.6	24
12	Impact of histidine spacing on modified polyhistidine tag – Metal ion interactions. <i>Inorganica Chimica Acta</i> , 2018, 472, 119-126.	2.4	21
13	Poly-Xaa Sequences in Proteins - Biological Role and Interactions with Metal Ions: Chemical and Medical Aspects. <i>Current Medicinal Chemistry</i> , 2018, 25, 22-48.	2.4	4
14	The effect of a membrane-mimicking environment on the interactions of Cu ²⁺ with an amyloidogenic fragment of chicken prion protein. <i>Dalton Transactions</i> , 2017, 46, 7758-7769.	3.3	6
15	Influence of membrane environments and copper ions on the structural features of amyloidogenic proteins correlated to neurodegeneration. <i>Coordination Chemistry Reviews</i> , 2016, 327-328, 8-19.	18.8	8
16	HENRYK – An endless source of metal coordination surprises. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 258-265.	3.5	3
17	Specific binding modes of Cu(I) and Ag(I) with neurotoxic domain of the human prion protein. <i>Journal of Inorganic Biochemistry</i> , 2016, 155, 26-35.	3.5	16
18	Impact of SDS surfactant on the interactions of Cu ²⁺ ions with the amyloidogenic region of human prion protein. <i>Dalton Transactions</i> , 2015, 44, 13125-13132.	3.3	12