Aleksandra Hecel

List of Publications by Year
in descending order

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18 papers	216 citations	1040056 9 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	354 citing authors

#	Article	IF	Citations
1	Structural analysis of copper(I) interaction with amyloid Î² peptide. Journal of Inorganic Biochemistry, 2019, 195, 31-38.	3.5	25
2	Histidine tracts in human transcription factors: insight into metal ion coordination ability. Journal of Biological Inorganic Chemistry, 2018, 23, 81-90.	2.6	24
3	Ag+ Complexes as Potential Therapeutic Agents in Medicine and Pharmacy. Current Medicinal Chemistry, 2019, 26, 624-647.	2.4	23
4	Impact of histidine spacing on modified polyhistidine tag â€“ Metal ion interactions. Inorganica Chimica Acta, 2018, 472, 119-126.	2.4	21
5	Zinc(II)â€"The Overlooked Ã‰minence Grise of Chloroquineâ€™s Fight against COVID-19?. Pharmaceuticals, 2020, 13, 228.	3.8	21
6	Specific binding modes of Cu(I) and Ag(I) with neurotoxic domain of the human prion protein. Journal of Inorganic Biochemistry, 2016, 155, 26-35.	3.5	16
7	Novel Perspective on Alzheimerâ€™s Disease Treatment: Rosmarinic Acid Molecular Interplay with Copper(II) and Amyloid Î². Life, 2020, 10, 118.	2.4	16
8	Impact of SDS surfactant on the interactions of Cu²⁺ions with the amyloidogenic region of human prion protein. Dalton Transactions, 2015, 44, 13125-13132.	3.3	12
9	Metal Complexes of Two Specific Regions of ZnuA, a Periplasmic Zinc(II) Transporter from Escherichia coli. Inorganic Chemistry, 2020, 59, 1947-1958.	4.0	9
10	Influence of membrane environments and copper ions on the structural features of amyloidogenic proteins correlated to neurodegeneration. Coordination Chemistry Reviews, 2016, 327-328, 8-19.	18.8	8
11	The effect of a membrane-mimicking environment on the interactions of Cu²⁺with an amyloidogenic fragment of chicken prion protein. Dalton Transactions, 2017, 46, 7758-7769.	3.3	6
12	Copper(II)-Induced Restructuring of ZnuD, a Zinc(II) Transporter from Neisseria meningitidis. Inorganic Chemistry, 2019, 58, 5932-5942.	4.0	6
13	Zinc Binding Sites Conserved in Short Neuropeptides Containing a Diphenylalanine Motif. Inorganic Chemistry, 2020, 59, 925-929.	4.0	6
14	How copper ions and membrane environment influence the structure of the human and chicken tandem repeats domain?. Journal of Inorganic Biochemistry, 2019, 191, 143-153.	3.5	5
15	Specific Zn(II)-binding site in the C-terminus of Aspf2, a zincophore from Aspergillus fumigatus. Metallomics, 2022, 14, .	2.4	5
16	Poly-Xaa Sequences in Proteins - Biological Role and Interactions with Metal Ions: Chemical and Medical Aspects. Current Medicinal Chemistry, 2018, 25, 22-48.	2.4	4
17	HENRYK â€" An endless source of metal coordination surprises. Journal of Inorganic Biochemistry, 2016, 163, 258-265.	3.5	3
18	Metal specificity of the Ni(<scp>ii</scp>) and Zn(<scp>ii</scp>) binding sites of the N-terminal and G-domain of E. coli HypB. Dalton Transactions, 2021, 50, 12635-12647.	3.3	1