

Hannah U Holtkamp

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

564
citations

623734
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h-index

752698
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22
all docs

22
docs citations

22
times ranked

859
citing authors

#	ARTICLE	IF	CITATIONS
1	The combination of Raman Spectroscopy and Mass Spectrometry to investigate cutaneous metallosis. British Journal of Dermatology, 2021, , .	1.5	2
2	Metallomic study on the metabolism of RAPTA-C and cisplatin in cell culture medium and its impact on cell accumulation. Metallomics, 2018, 10, 455-462.	2.4	21
3	13. ANTITUMOR METALLODRUGS THAT TARGET PROTEINS. , 2018, 18, 351-386.		13
4	13. Antitumor Metallodrugs that Target Proteins. , 2018, 18, 351-386.		7
5	Analysis of ruthenium anticancer agents by MEEKCâ€“UV and MEEKCâ€“ICPâ€“MS: Impact of structural motifs on lipophilicity and biological activity. Electrophoresis, 2018, 39, 1201-1207.	2.4	15
6	Quinoline- <i>para</i> -quinones and metals: coordination-assisted formation of quinoline- <i>ortho</i> -quinones. Chemical Communications, 2018, 54, 992-995.	4.1	13
7	Making organoruthenium complexes of 8-hydroxyquinolines more hydrophilic: impact of a novel <i>l</i> -phenylalanine-derived arene ligand on the biological activity. Dalton Transactions, 2018, 47, 2192-2201.	3.3	31
8	Advanced metallomics methods in anticancer metallodrug mode of action studies. TrAC - Trends in Analytical Chemistry, 2018, 104, 110-117.	11.4	19
9	From Catalysis to Cancer: Toward Structureâ€“Activity Relationships for Benimidazol-2-ylidene-Derived <i>N</i> -Heterocyclic-Carbene Complexes as Anticancer Agents. Inorganic Chemistry, 2018, 57, 14427-14434.	4.0	54
10	Hyphenation of capillary electrophoresis to inductively coupled plasma mass spectrometry with a modified coaxial sheath-flow interface. Journal of Chromatography A, 2018, 1561, 76-82.	3.7	7
11	A Bioactive <i>l</i> -Phenylalanine-Derived Arene in Multitargeted Organoruthenium Compounds: Impact on the Antiproliferative Activity and Mode of Action. Inorganic Chemistry, 2018, 57, 8521-8529.	4.0	26
12	(Pyridin-2-yl)-NHC Organoruthenium Complexes: Antiproliferative Properties and Reactivity toward Biomolecules. Organometallics, 2018, 37, 1575-1584.	2.3	35
13	Cobalt complexes as internal standards for capillary zone electrophoresisâ€“mass spectrometry studies in biological inorganic chemistry. Journal of Biological Inorganic Chemistry, 2017, 22, 789-798.	2.6	4
14	Characterizing activation mechanisms and binding preferences of ruthenium metallo-prodrugs by a competitive binding assay. Journal of Inorganic Biochemistry, 2017, 177, 322-327.	3.5	35
15	DNA or protein? Capillary zone electrophoresisâ€“mass spectrometry rapidly elucidates metallodrug binding selectivity. Chemical Communications, 2017, 53, 8002-8005.	4.1	26
16	Ru ^{II} (<i>l</i> - ⁶ - <i>p</i> -cymene) Complexes of Bioactive 1,2â€“Benzothiazines: Protein Binding vs. Antitumor Activity. European Journal of Inorganic Chemistry, 2016, 2016, 1376-1382.	2.0	26
17	Electrophoretic separation techniques and their hyphenation to mass spectrometry in biological inorganic chemistry. Electrophoresis, 2016, 37, 959-972.	2.4	23
18	Organoruthenium and Osmium Anticancer Complexes Bearing a Maleimide Functional Group: Reactivity to Cysteine, Stability, and Cytotoxicity. ChemPlusChem, 2015, 80, 231-236.	2.8	31

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19	Capillary electrophoresis in metallodrug development. Drug Discovery Today: Technologies, 2015, 16, 16-22.	4.0	9
20	Impact of the Halogen Substitution Pattern on the Biological Activity of Organoruthenium 8-Hydroxyquinoline Anticancer Agents. Organometallics, 2015, 34, 5658-5668.	2.3	133
21	Arsenateâ€Ferrihydrite Systems from Minutes to Months: A Macroscopic and IR Spectroscopic Study of an Elusive Equilibrium. Environmental Science & Technology, 2014, 48, 2759-2765.	10.0	31