Claire M Weekley

List of Publications by Year
in descending order

15	1,135	623574	1058333
papers	citations	14 h-index	14 g-index

17	17	17	1917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potent Inhibition of Thioredoxin Reductase by the Rh Derivatives of Anticancer M(arene/Cp*)(NHC)Cl₂Complexes. Inorganic Chemistry, 2020, 59, 3281-3289.	1.9	53
2	X-ray Microscopy and Spectroscopy Combine to Probe Selenium Biology.. Microscopy and Microanalysis, 2019, 25, 1068-1069.	0.2	0
3	Inhibition of Copper Transport Induces Apoptosis in Triple-Negative Breast Cancer Cells and Suppresses Tumor Angiogenesis. Molecular Cancer Therapeutics, 2019, 18, 873-885.	1.9	69
4	Cellular Fates of Manganese(II) Pentaazamacrocyclic Superoxide Dismutase (SOD) Mimetics: Fluorescently Labeled MnSOD Mimetics, X-ray Absorption Spectroscopy, and X-ray Fluorescence Microscopy Studies. Inorganic Chemistry, 2017, 56, 6076-6093.	1.9	41
5	Developing drugs targeting transition metal homeostasis. Current Opinion in Chemical Biology, 2017, 37, 26-32.	2.8	68
6	Selenite-mediated production of superoxide radical anions in A549 cancer cells is accompanied by a selective increase in SOD1 concentration, enhanced apoptosis and Seâ€“Cu bonding. Journal of Biological Inorganic Chemistry, 2014, 19, 813-828.	1.1	36
7	XAS studies of Se speciation in selenite-fed rats. Metallomics, 2014, 6, 2193-2203.	1.0	16
8	XAS and XFM studies of selenium and copper speciation and distribution in the kidneys of selenite-supplemented rats. Metallomics, 2014, 6, 1602-1615.	1.0	30
9	Selenium Inhibits Renal Oxidation and Inflammation But Not Acute Kidney Injury in an Animal Model of Rhabdomyolysis. Antioxidants and Redox Signaling, 2013, 18, 756-769.	2.5	42
10	Which form is that? The importance of selenium speciation and metabolism in the prevention and treatment of disease. Chemical Society Reviews, 2013, 42, 8870.	18.7	478
11	Selenium Metabolism in Cancer Cells: The Combined Application of XAS and XFM Techniques to the Problem of Selenium Speciation in Biological Systems. Nutrients, 2013, 5, 1734-1756.	1.7	60
12	Methylselenocysteine Treatment Leads to Diselenide Formation in Human Cancer Cells: Evidence from X-ray Absorption Spectroscopy Studies. Biochemistry, 2012, 51, 736-738.	1.2	25
13	Distinct cellular fates for KP1019 and NAMI-A determined by X-ray fluorescence imaging of single cells. Metallomics, 2012, 4, 1051.	1.0	92
14	Uptake, Distribution, and Speciation of Selenoamino Acids by Human Cancer Cells: X-ray Absorption and Fluorescence Methods. Biochemistry, 2011, 50, 1641-1650.	1.2	50
15	Metabolism of Selenite in Human Lung Cancer Cells: X-Ray Absorption and Fluorescence Studies. Journal of the American Chemical Society, 2011, 133, 18272-18279.	6.6	73