

# Claire M Weekley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6040175/publications.pdf>

Version: 2024-02-01

15  
papers

1,135  
citations

623734

14  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Which form is that? The importance of selenium speciation and metabolism in the prevention and treatment of disease. <i>Chemical Society Reviews</i> , 2013, 42, 8870.	38.1	478
2	Distinct cellular fates for KP1019 and NAMI-A determined by X-ray fluorescence imaging of single cells. <i>Metallomics</i> , 2012, 4, 1051.	2.4	92
3	Metabolism of Selenite in Human Lung Cancer Cells: X-Ray Absorption and Fluorescence Studies. <i>Journal of the American Chemical Society</i> , 2011, 133, 18272-18279.	13.7	73
4	Inhibition of Copper Transport Induces Apoptosis in Triple-Negative Breast Cancer Cells and Suppresses Tumor Angiogenesis. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 873-885.	4.1	69
5	Developing drugs targeting transition metal homeostasis. <i>Current Opinion in Chemical Biology</i> , 2017, 37, 26-32.	6.1	68
6	Selenium Metabolism in Cancer Cells: The Combined Application of XAS and XFM Techniques to the Problem of Selenium Speciation in Biological Systems. <i>Nutrients</i> , 2013, 5, 1734-1756.	4.1	60
7	Potent Inhibition of Thioredoxin Reductase by the Rh Derivatives of Anticancer $M(\text{arene}/\text{Cp}^*)(\text{NHC})\text{Cl}_2$ Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 3281-3289.	4.0	53
8	Uptake, Distribution, and Speciation of Selenoamino Acids by Human Cancer Cells: X-ray Absorption and Fluorescence Methods. <i>Biochemistry</i> , 2011, 50, 1641-1650.	2.5	50
9	Selenium Inhibits Renal Oxidation and Inflammation But Not Acute Kidney Injury in an Animal Model of Rhabdomyolysis. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 756-769.	5.4	42
10	Cellular Fates of Manganese(II) Pentaazamacrocyclic Superoxide Dismutase (SOD) Mimetics: Fluorescently Labeled MnSOD Mimetics, X-ray Absorption Spectroscopy, and X-ray Fluorescence Microscopy Studies. <i>Inorganic Chemistry</i> , 2017, 56, 6076-6093.	4.0	41
11	Selenite-mediated production of superoxide radical anions in A549 cancer cells is accompanied by a selective increase in SOD1 concentration, enhanced apoptosis and Se-Cu bonding. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 813-828.	2.6	36
12	XAS and XFM studies of selenium and copper speciation and distribution in the kidneys of selenite-supplemented rats. <i>Metallomics</i> , 2014, 6, 1602-1615.	2.4	30
13	Methylselenocysteine Treatment Leads to Diselenide Formation in Human Cancer Cells: Evidence from X-ray Absorption Spectroscopy Studies. <i>Biochemistry</i> , 2012, 51, 736-738.	2.5	25
14	XAS studies of Se speciation in selenite-fed rats. <i>Metallomics</i> , 2014, 6, 2193-2203.	2.4	16
15	X-ray Microscopy and Spectroscopy Combine to Probe Selenium Biology.. <i>Microscopy and Microanalysis</i> , 2019, 25, 1068-1069.	0.4	0