

# Christine A Romano

## List of Publications by Year in descending order

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16  
papers

629  
citations

759233

12  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

904  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Exceptionally Selective Lead(II)-Regulatory Protein from <i>Ralstonia Metallidurans</i> : Development of a Fluorescent Lead(II) Probe. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2715-2719.	13.8	148
2	Arsenite Oxidase Also Functions as an Antimonite Oxidase. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1959-1965.	3.1	71
3	Biogenic manganese oxide nanoparticle formation by a multimeric multicopper oxidase Mnx. <i>Nature Communications</i> , 2017, 8, 746.	12.8	65
4	Biogenic and Synthetic MnO <sub>2</sub> Nanoparticles: Size and Growth Probed with Absorption and Raman Spectroscopies and Dynamic Light Scattering. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4185-4197.	10.0	63
5	Mn(II) Oxidation by the Multicopper Oxidase Complex Mnx: A Coordinated Two-Stage Mn(II)/(III) and Mn(III)/(IV) Mechanism. <i>Journal of the American Chemical Society</i> , 2017, 139, 11381-11391.	13.7	58
6	Mutants of the Base Excision Repair Glycosylase, Endonuclease III: DNA Charge Transport as a First Step in Lesion Detection. <i>Biochemistry</i> , 2011, 50, 6133-6145.	2.5	45
7	Comparative Genomic Analysis of Phylogenetically Closely Related <i>Hydrogenobaculum</i> sp. Isolates from Yellowstone National Park. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2932-2943.	3.1	39
8	Mn(II) Oxidation by the Multicopper Oxidase Complex Mnx: A Binuclear Activation Mechanism. <i>Journal of the American Chemical Society</i> , 2017, 139, 11369-11380.	13.7	39
9	Surface Induced Dissociation Coupled with High Resolution Mass Spectrometry Unveils Heterogeneity of a 211 kDa Multicopper Oxidase Protein Complex. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 723-733.	2.8	19
10	Mn(II) Binding and Subsequent Oxidation by the Multicopper Oxidase MnxG Investigated by Electron Paramagnetic Resonance Spectroscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 10563-10575.	13.7	17
11	Copper Binding Sites in the Manganese-Oxidizing Mnx Protein Complex Investigated by Electron Paramagnetic Resonance Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 8868-8877.	13.7	14
12	Biogenic Manganese Oxide Mineralization is Enhanced by an Oxidative Priming Mechanism for the Multicopper Oxidase, MnxEFG. <i>Chemistry - A European Journal</i> , 2017, 23, 1346-1352.	3.3	12
13	Tunable Biogenic Manganese Oxides. <i>Chemistry - A European Journal</i> , 2017, 23, 13482-13492.	3.3	8
14	Metallo-inhibition of Mnx, a bacterial manganese multicopper oxidase complex. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111547.	3.5	3
15	Probing Electron Transfer in the Manganese Oxide-Forming MnxEFG Protein Complex using Fourier Transformed AC Voltammetry: Understanding the Oxidative Priming Effect. <i>ChemElectroChem</i> , 2018, 5, 872-876.	3.4	2
16	Factors related to women's decisions to smoke during their pregnancies. <i>West Virginia Medical Journal</i> , 2005, 101, 244-7.	0.1	0