

Karyn L Wilde

List of Publications by Year in descending order

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16
papers

461
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1163117

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docs citations

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times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of pH on the Uptake and Toxicity of Copper and Zinc in a Tropical Freshwater Alga (<i>Chlorella</i> sp.). <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 174-185.	4.1	143
2	Toward a Biotic Ligand Model for Freshwater Green Algae: Surface-Bound and Internal Copper Are Better Predictors of Toxicity than Free Cu ²⁺ -Ion Activity When pH Is Varied. <i>Environmental Science & Technology</i> , 2005, 39, 2067-2072.	10.0	88
3	A Comparison of Copper Speciation Measurements with the Toxic Responses of Three Sensitive Freshwater Organisms. <i>Environmental Chemistry</i> , 2005, 2, 320.	1.5	51
4	Robust High-Yield Methodologies for ² H and ² H/ ¹⁵ N/ ¹³ C Labeling of Proteins for Structural Investigations Using Neutron Scattering and NMR. <i>Methods in Enzymology</i> , 2015, 565, 3-25.	1.0	42
5	Solid-State NMR Spectroscopy of Functional Amyloid from a Fungal Hydrophobin: A Well-Ordered β -Sheet Core Amidst Structural Heterogeneity. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12621-12625.	13.8	35
6	Demonstration of the use of <i>Scenedesmus</i> and <i>Carteria</i> biomass to drive bacterial sulfate reduction by <i>Desulfovibrio alcoholovorans</i> isolated from an artificial wetland. <i>Hydrometallurgy</i> , 2003, 71, 227-234.	4.3	25
7	Membrane permeabilization is mediated by distinct epitopes in mouse and human orthologs of the necroptosis effector, MLKL. <i>Cell Death and Differentiation</i> , 2022, 29, 1804-1815.	11.2	22
8	Seasonal changes of redox potential and microbial activity in two agricultural soils of tropical Australia: some implications for soil-to-plant transfer of radionuclides. <i>Journal of Environmental Radioactivity</i> , 2004, 76, 265-272.	1.7	11
9	High yield expression and efficient purification of deuterated human protein galectin-2. <i>Food and Bioproducts Processing</i> , 2012, 90, 563-572.	3.6	8
10	Production and use of deuterated polyhydroxyoctanoate in structural studies of PHO inclusions. <i>Journal of Biotechnology</i> , 2007, 132, 303-305.	3.8	7
11	NMR fragment screening reveals a novel small molecule binding site near the catalytic surface of the disulfide dithiol oxidoreductase enzyme DsbA from <i>Burkholderia pseudomallei</i> . <i>Journal of Biomolecular NMR</i> , 2020, 74, 595-611.	2.8	7
12	In vivo deuteration strategies for neutron scattering analysis of bacterial polyhydroxyoctanoate. <i>European Biophysics Journal</i> , 2008, 37, 711-715.	2.2	6
13	Structure and Characterisation of a Key Epitope in the Conserved C-Terminal Domain of the Malaria Vaccine Candidate MSP2. <i>Journal of Molecular Biology</i> , 2017, 429, 836-846.	4.2	6
14	Transient antibody-antigen interactions mediate the strain-specific recognition of a conserved malaria epitope. <i>Communications Biology</i> , 2018, 1, 58.	4.4	6
15	Identification and characterization of two drug-like fragments that bind to the same cryptic binding pocket of <i>Burkholderia pseudomallei</i> DsbA. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 75-90.	2.3	2
16	The electronic structure of S-layer proteins from <i>Lactobacillus brevis</i> . <i>Optoelectronic and Microelectronic Materials and Devices (COMMAD), Conference on</i> , 2008, , .	0.0	0