

Melanie J Beazley

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,045
citations

567281

15
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel foam supported porous copper oxide catalysts with noble metal-like activity for aqueous phase reactions. <i>Catalysis Science and Technology</i> , 2022, 12, 3804-3816.	4.1	7
2	pH-mediated synthesis of monodisperse gold nanorods with quantitative yield and molecular level insight. <i>Nano Research</i> , 2021, 14, 1167-1174.	10.4	15
3	Stereospecific Ring-Opening Metathesis Polymerization of Norbornene Catalyzed by Iron Complexes. <i>Angewandte Chemie</i> , 2021, 133, 2970-2974.	2.0	8
4	Stereospecific Ring-Opening Metathesis Polymerization of Norbornene Catalyzed by Iron Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2934-2938.	13.8	27
5	A preliminary survey of anthropogenic gadolinium in water and sediment of a constructed wetland. <i>Journal of Environmental Management</i> , 2020, 255, 109897.	7.8	15
6	Impacts of dibenzopyrenes on bacterial community isolated from Gulf of Mexico sediment. <i>MicrobiologyOpen</i> , 2020, 9, e1039.	3.0	3
7	Fabrication and characterization of biodegradable oxygen-releasing micromaterials for treatment of hypoxic environmental waters. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103979.	6.7	3
8	N-acetyl Cysteine Coated Gallium Particles Demonstrate High Potency against <i>Pseudomonas aeruginosa</i> PAO1. <i>Pathogens</i> , 2019, 8, 120.	2.8	7
9	A Broader-scope Analysis of the Catalytic Reduction of Nitrophenols and Azo Dyes with Noble Metal Nanoparticles. <i>ChemCatChem</i> , 2019, 11, 2590-2595.	3.7	32
10	A bifunctional catalyst for efficient dehydrogenation and electro-oxidation of hydrazine. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18050-18056.	10.3	20
11	Biomining of U(VI) phosphate promoted by microbially-mediated phytate hydrolysis in contaminated soils. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 197, 27-42.	3.9	26
12	Phosphate-Mediated Remediation of Metals and Radionuclides. <i>Advances in Ecology</i> , 2014, 2014, 1-14.	0.5	19
13	Microbial Community Responses to Organophosphate Substrate Additions in Contaminated Subsurface Sediments. <i>PLoS ONE</i> , 2014, 9, e100383.	2.5	28
14	Enhancing the biodegradation of oil in sandy sediments with choline: A naturally methylated nitrogen compound. <i>Environmental Pollution</i> , 2013, 182, 53-62.	7.5	8
15	Intrinsic rates of petroleum hydrocarbon biodegradation in Gulf of Mexico intertidal sandy sediments and its enhancement by organic substrates. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 537-544.	12.4	37
16	The role of anaerobic respiration in the immobilization of uranium through biomining of phosphate minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 106, 344-363.	3.9	57
17	Microbial Community Analysis of a Coastal Salt Marsh Affected by the Deepwater Horizon Oil Spill. <i>PLoS ONE</i> , 2012, 7, e41305.	2.5	146
18	Long-term solid-phase fate of co-precipitated U(VI)-Fe(III) following biological iron reduction by <i>Thermoanaerobacter</i> . <i>American Mineralogist</i> , 2012, 97, 1641-1652.	1.9	15

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19	The effect of pH and natural microbial phosphatase activity on the speciation of uranium in subsurface soils. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5648-5663.	3.9	64
20	Nonreductive Biomineralization of Uranium(VI) Phosphate Via Microbial Phosphatase Activity in Anaerobic Conditions. <i>Geomicrobiology Journal</i> , 2009, 26, 431-441.	2.0	89
21	Aerobic uranium (VI) bioprecipitation by metal-resistant bacteria isolated from radionuclide- and metal-contaminated subsurface soils. <i>Environmental Microbiology</i> , 2008, 10, 1097-1097.	3.8	2
22	Organic matter in deepwater sediments of the Northern Gulf of Mexico and its relationship to the distribution of benthic organisms. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2563-2571.	1.4	45
23	Uranium Biomineralization as a Result of Bacterial Phosphatase Activity: Insights from Bacterial Isolates from a Contaminated Subsurface. <i>Environmental Science & Technology</i> , 2007, 41, 5701-5707.	10.0	176
24	Aerobic uranium (VI) bioprecipitation by metal-resistant bacteria isolated from radionuclide- and metal-contaminated subsurface soils. <i>Environmental Microbiology</i> , 2007, 9, 3122-3133.	3.8	156
25	Natural Abundances of Carbon Isotopes (¹⁴ C, ¹³ C) in Lichens and Calcium Oxalate Pruina: Implications for Archaeological and Paleoenvironmental Studies. <i>Radiocarbon</i> , 2002, 44, 675-683.	1.8	38