

Erin K Field

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

807
citations

686830

13
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics of freshwater Fe-oxidizing bacteria: implications for physiology, ecology, and systematics. <i>Frontiers in Microbiology</i> , 2013, 4, 254.	1.5	188
2	Genomic and Metabolic Diversity of Marine Group I Thaumarchaeota in the Mesopelagic of Two Subtropical Gyres. <i>PLoS ONE</i> , 2014, 9, e95380.	1.1	95
3	Novel Pelagic Iron-Oxidizing Zetaproteobacteria from the Chesapeake Bay Oxic-Anoxic Transition Zone. <i>Frontiers in Microbiology</i> , 2017, 8, 1280.	1.5	72
4	Genomic insights into the uncultivated marine Zetaproteobacteria at Loihi Seamount. <i>ISME Journal</i> , 2015, 9, 857-870.	4.4	69
5	Nanoarchaeota, Their Sulfolobales Host, and Nanoarchaeota Virus Distribution across Yellowstone National Park Hot Springs. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7860-7868.	1.4	63
6	Single cell genomics indicates horizontal gene transfer and viral infections in a deep subsurface Firmicutes population. <i>Frontiers in Microbiology</i> , 2015, 6, 349.	1.5	61
7	Hexavalent chromium reduction by <i>Cellulomonas</i> sp. strain ES6: the influence of carbon source, iron minerals, and electron shuttling compounds. <i>Biodegradation</i> , 2013, 24, 437-450.	1.5	44
8	Genomic exploration of individual giant ocean viruses. <i>ISME Journal</i> , 2017, 11, 1736-1745.	4.4	40
9	Application of Molecular Techniques To Elucidate the Influence of Cellulosic Waste on the Bacterial Community Structure at a Simulated Low-Level-Radioactive-Waste Site. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3106-3115.	1.4	39
10	UO speciation determines uranium toxicity and bioaccumulation in an environmental <i>Pseudomonas</i> sp. isolate. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 763-769.	2.2	31
11	Hydrologic Shifts Create Complex Transient Distributions of Particulate Organic Carbon and Biogeochemical Responses in Beach Aquifers. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3024-3038.	1.3	29
12	Carbon-dependent chromate toxicity mechanism in an environmental <i>Arthrobacter</i> isolate. <i>Journal of Hazardous Materials</i> , 2018, 355, 162-169.	6.5	20
13	Influence of carbon sources and electron shuttles on ferric iron reduction by <i>Cellulomonas</i> sp. strain ES6. <i>Biodegradation</i> , 2011, 22, 983-995.	1.5	18
14	Environmental Evidence for and Genomic Insight into the Preference of Iron-Oxidizing Bacteria for More-Corrosion-Resistant Stainless Steel at Higher Salinities. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	11
15	A Shallow Water Ferrous-Hulled Shipwreck Reveals a Distinct Microbial Community. <i>Frontiers in Microbiology</i> , 2020, 11, 1897.	1.5	11
16	Introducing a core steel microbiome and community functional analysis associated with microbially influenced corrosion. <i>FEMS Microbiology Ecology</i> , 2020, 97, .	1.3	8
17	Iron Flocs and the Three Domains: Microbial Interactions in Freshwater Iron Mats. <i>MBio</i> , 2020, 11, .	1.8	5
18	The effects of temperature on <i>Bosmina longirostris</i> susceptibility to microcystin-LR acute toxicity. <i>PLoS ONE</i> , 2019, 14, e0219342.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Orange leads to black: evaluating the efficacy of co-culturing iron-oxidizing and sulfate-reducing bacteria to discern ecological relationships. Environmental Microbiology Reports, 2021, 13, 317-324.	1.0	0