

Erin K Field

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

807
citations

687363
13
h-index

839539
18
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19
all docs

19
docs citations

19
times ranked

1321
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Orange leads to black: evaluating the efficacy of co-culturing iron-oxidizing and sulfate-reducing bacteria to discern ecological relationships. <i>Environmental Microbiology Reports</i> , 2021, 13, 317-324. | 2.4 | 0 |
| 2 | Introducing a core steel microbiome and community functional analysis associated with microbially influenced corrosion. <i>FEMS Microbiology Ecology</i> , 2020, 97, . | 2.7 | 8 |
| 3 | A Shallow Water Ferrous-Hulled Shipwreck Reveals a Distinct Microbial Community. <i>Frontiers in Microbiology</i> , 2020, 11, 1897. | 3.5 | 11 |
| 4 | Iron Flocs and the Three Domains: Microbial Interactions in Freshwater Iron Mats. <i>MBio</i> , 2020, 11, . | 4.1 | 5 |
| 5 | The effects of temperature on <i>Bosmina longirostris</i> susceptibility to microcystin-LR acute toxicity. <i>PLoS ONE</i> , 2019, 14, e0219342. | 2.5 | 3 |
| 6 | 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. | 3.0 | 29 |
| 7 | 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, . | 3.1 | 11 |
| 8 | Carbon-dependent chromate toxicity mechanism in an environmental <i>Arthrobacter</i> isolate. <i>Journal of Hazardous Materials</i> , 2018, 355, 162-169. | 12.4 | 20 |
| 9 | Genomic exploration of individual giant ocean viruses. <i>ISME Journal</i> , 2017, 11, 1736-1745. | 9.8 | 40 |
| 10 | Novel Pelagic Iron-Oxidizing Zetaproteobacteria from the Chesapeake Bay Oxidic-Anoxic Transition Zone. <i>Frontiers in Microbiology</i> , 2017, 8, 1280. | 3.5 | 72 |
| 11 | Single cell genomics indicates horizontal gene transfer and viral infections in a deep subsurface Firmicutes population. <i>Frontiers in Microbiology</i> , 2015, 6, 349. | 3.5 | 61 |
| 12 | Nanoarchaeota, Their Sulfolobales Host, and Nanoarchaeota Virus Distribution across Yellowstone National Park Hot Springs. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7860-7868. | 3.1 | 63 |
| 13 | Genomic insights into the uncultivated marine <i>Zetaproteobacteria</i> at Loihi Seamount. <i>ISME Journal</i> , 2015, 9, 857-870. | 9.8 | 69 |
| 14 | Genomic and Metabolic Diversity of Marine Group I Thaumarchaeota in the Mesopelagic of Two Subtropical Gyres. <i>PLoS ONE</i> , 2014, 9, e95380. | 2.5 | 95 |
| 15 | 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. | 3.0 | 44 |
| 16 | Comparative genomics of freshwater Fe-oxidizing bacteria: implications for physiology, ecology, and systematics. <i>Frontiers in Microbiology</i> , 2013, 4, 254. | 3.5 | 188 |
| 17 | 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. | 3.0 | 18 |
| 18 | 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. | 4.3 | 31 |

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|----|---|-----|-----------|
| 19 | Application of Molecular Techniques To Elucidate the Influence of Cellulosic Waste on the Bacterial Community Structure at a Simulated Low-Level-Radioactive-Waste Site. Applied and Environmental Microbiology, 2010, 76, 3106-3115. | 3.1 | 39 |