Danielle Fortin

List of Publications by Year
in descending order

27 papers	1,710 citations	430874 18 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	2074 citing authors

#	Article	IF	Citations
1	A comparison of Fe(III) reduction rates between fresh and aged biogenic iron oxides (BIOS) by Shewanella putrefaciens CN32. Chemical Geology, 2016, 439, 1-12.	3.3	12
2	Rates of Fe(II)-Oxidation and Solubility of Bacteriogenic Iron Oxides. Geomicrobiology Journal, 2016, 33, 237-242.	2.0	10
3	Microscale Characterization and Trace Element Distribution in Bacteriogenic Ferromanganese Coatings on Sand Grains from an Intertidal Zone of the East China Sea. PLoS ONE, 2015, 10, e0119080.	2.5	7
4	Insights into the Global Microbial Community Structure Associated with Iron Oxyhydroxide Minerals Deposited in the Aerobic Biogeosphere. Geomicrobiology Journal, 2012, 29, 587-610.	2.0	27
5	Seasonal Changes In Mineralogy, Geochemistry and Microbial Community of Bacteriogenic Iron Oxides (BIOS) Deposited in a Circumneutral Wetland. Geomicrobiology Journal, 2012, 29, 161-172.	2.0	27
6	Regulation of Fe3+-oxide Formation Among Fe2+-oxidizing Bacteria. Geomicrobiology Journal, 2012, 29, 537-543.	2.0	10
7	Microbial and geochemical features suggest iron redox cycling within bacteriogenic iron oxide-rich sediments. Chemical Geology, 2011, 281, 41-51.	3.3	67
8	Biogeochemical factors influencing net mercury methylation in contaminated freshwater sediments from the St. Lawrence River in Cornwall, Ontario, Canada. Science of the Total Environment, 2011, 409, 968-978.	8.0	91
9	Characterization of Fe-S minerals influenced by buried ancient woods in the intertidal zone, East China Sea. Science Bulletin, 2009, 54, 1931-1940.	9.0	4
10	Sorption of Strontium onto Bacteriogenic Iron Oxides. Environmental Science & Technology, 2009, 43, 1008-1014.	10.0	79
11	Strontium desorption from bacteriogenic iron oxides (BIOS) subjected to microbial Fe(III) reduction. Chemical Geology, 2009, 262, 217-228.	3.3	19
12	Effect of Growth Phase and Metabolic Activity on the Adhesion ofEscherichia coliK-12 AB264 to Quartz and Lepidocrocite. Geomicrobiology Journal, 2007, 24, 179-187.	2.0	1
13	A rare earth element signature of bacteria in natural waters?. Chemical Geology, 2007, 244, 569-583.	3.3	92
14	Hydrothermal nontronite formation at Eolo Seamount (Aeolian volcanic arc, Tyrrhenian Sea). Chemical Geology, 2007, 245, 103-119.	3.3	64
15	Formation and occurrence of biogenic iron-rich minerals. Earth-Science Reviews, 2005, 72, 1-19.	9.1	289
16	Adsorption of rare earth elements onto bacterial cell walls and its implication for REE sorption onto natural microbial mats. Chemical Geology, 2005, 219, 53-67.	3.3	211
17	GEOCHEMISTRY: Enhanced: What Biogenic Minerals Tell Us. Science, 2004, 303, 1618-1619.	12.6	44
18	Indicators of Microbial Sulfate Reduction in Acidic Sulfide-Rich Mine Tailings. Geomicrobiology Journal, 2004, 21, 457-467.	2.0	41

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19	Adsorption and precipitation of iron from seawater on a marine bacteriophage (PWH3A-P1). Marine Chemistry, 2004, 91, 101-115.	2.3	62
20	Development of Iron-Phosphate Biofilms on Pyritic Mine Waste Rock Surfaces Previously Treated with Natural Phosphate Rocks. Geomicrobiology Journal, 2004, 21, 313-323.	2.0	19
21	Characterization of Iron-Oxides Formed by Oxidation of Ferrous Ions in the Presence of Various Bacterial Species and Inorganic Ligands. Geomicrobiology Journal, 2004, 21, 99-112.	2.0	74
22	Adsorption of ferrous ions onto Bacillus subtilis cells. Chemical Geology, 2004, 212, 209-228.	3.3	51
23	Hg(II) Adsorption by Bacteria:Â A Surface Complexation Model and Its Application to Shallow Acidic Lakes and Wetlands in Kejimkujik National Park, Nova Scotia, Canada. Environmental Science & Technology, 2002, 36, 1546-1553.	10.0	69
24	The effect of growth phase on proton and metal adsorption by Bacillus subtilis. Geochimica Et Cosmochimica Acta, 2001, 65, 1025-1035.	3.9	135
25	Effect of the presence of bacterial surfaces during the synthesis of Fe oxides by oxidation of ferrous ions. European Journal of Mineralogy, 2001, 13, 705-714.	1.3	53
26	Formation of Fe-silicates and Fe-oxides on bacterial surfaces in samples collected near hydrothermal vents on the Southern Explorer Ridge in the Northeast Pacific Ocean. American Mineralogist, 1998, 83, 1399-1408.	1.9	136
27	Formation of Fe-silicates and Fe-oxides on bacterial surfaces in samples collected near hydrothermal vents on the Southern Explorer Ridge in the Northeast Pacific Ocean. American Mineralogist, 1998, 83, 1399-1408.	1.9	14