

Microbial Iron Acquisition: Marine and Terrestrial Siderophores

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis of [4-(2-Hydroxyphenyl)thiazol-2-yl]methanones as Potential Bioisosteres of Salicylidene Acylhydrazides. <i>Molecules</i> , 2010, 15, 6019-6034.	1.7	4
2	Towards a unifying, systems biology understanding of large-scale cellular death and destruction caused by poorly liganded iron: Parkinson's, Huntington's, Alzheimer's, prions, bactericides, chemical toxicology and others as examples. <i>Archives of Toxicology</i> , 2010, 84, 825-889.	1.9	330
5	Adhesive Vesicles through Adaptive Response of a Biobased Surfactant. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9509-9512.	7.2	32
6	Microbial Siderophores. <i>Progress in the Chemistry of Organic Natural Products</i> , 2010, 92, 1-75.	0.8	22
7	Characterization of a Hemophore-like Protein from <i>Porphyromonas gingivalis</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 40028-40038.	1.6	49
8	Chemistry and biology of siderophores. <i>Natural Product Reports</i> , 2010, 27, 637.	5.2	1,330
9	Siderophore-promoted dissolution of cobalt from hydroxide minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2915-2925.	1.6	28
10	Kinetic and Inhibition Studies of Dihydroxybenzoate-AMP Ligase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 2010, 49, 3648-3657.	1.2	34
11	Biochemical and Structural Characterization of Bisubstrate Inhibitors of BasE, the Self-Standing Nonribosomal Peptide Synthetase Adenylate-Forming Enzyme of Acinetobactin Synthesis. <i>Biochemistry</i> , 2010, 49, 9292-9305.	1.2	52
12	Evidence for ligand hydrolysis and Fe(III) reduction in the dissolution of goethite by desferrioxamine-B. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6706-6720.	1.6	28
13	Production of Metabolites as Bacterial Responses to the Marine Environment. <i>Marine Drugs</i> , 2010, 8, 705-727.	2.2	158
14	Discovery of novel antibacterials. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 145-154.	2.5	28
15	Structural Characterization and High-Throughput Screening of Inhibitors of PvdQ, an NTN Hydrolase Involved in Pyoverdine Synthesis. <i>ACS Chemical Biology</i> , 2011, 6, 1277-1286.	1.6	83
16	Pericyclic Reactions Catalyzed by Chorismate-Utilizing Enzymes. <i>Biochemistry</i> , 2011, 50, 7476-7483.	1.2	29
17	Natural and Synthetic Small Boron-Containing Molecules as Potential Inhibitors of Bacterial and Fungal Quorum Sensing. <i>Chemical Reviews</i> , 2011, 111, 209-237.	23.0	173
18	Muscarine, imidazole, oxazole, and thiazole alkaloids. <i>Natural Product Reports</i> , 2011, 28, 1143.	5.2	272
19	Structure and Biosynthesis of Amychelins, an Unusual Mixed-Ligand Siderophore from <i>Amycolatopsis</i> sp. AA4. <i>Journal of the American Chemical Society</i> , 2011, 133, 11434-11437.	6.6	103
20	Complexes Formed in Solution Between Vanadium(IV)/(V) and the Cyclic Dihydroxamic Acid Putrebactin or Linear Suberodihydroxamic Acid. <i>Inorganic Chemistry</i> , 2011, 50, 5978-5989.	1.9	19

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22	Radionuclide Geomicrobiology of the Deep Biosphere. <i>Geomicrobiology Journal</i> , 2011, 28, 540-561.	1.0	31
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25	The role of reduction in iron uptake processes in a unicellular, planktonic cyanobacterium. <i>Environmental Microbiology</i> , 2011, 13, 2990-2999.	1.8	105
26	Mechanistic and structural studies of the N-hydroxylating flavoprotein monooxygenases. <i>Bioorganic Chemistry</i> , 2011, 39, 171-177.	2.0	46
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30	<i>Bacillus</i> spp. of Human Origin: A Potential Siderophoregenic Probiotic Bacteria. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 386-400.	1.4	24
31	Metallosurfactants of bioinorganic interest: Coordination-induced self assembly. <i>Coordination Chemistry Reviews</i> , 2011, 255, 678-687.	9.5	66
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40	Magnetotactic bacteria, magnetosomes and their application. <i>Microbiological Research</i> , 2012, 167, 507-519.	2.5	176
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83	Synthesis and antibacterial activity of conjugates between norfloxacin and analogues of the siderophore vanchrobactin. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 295-302.	1.4	36
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