Olli H Tuovinen

List of Publications by Year in descending order

161 papers	5,467 citations	76322 40 h-index	102480 66 g-index
163 all docs	163 docs citations	163 times ranked	4808 citing authors

#	Article	IF	Citations
1	Acid Bioleaching of Copper from Smelter Dust at Incremental Temperatures. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 233-242.	5.0	4
2	Bioleaching of Low-Grade Ni-Sulfide Samples with a Mesophilic Consortium of Iron- and Sulfur-Oxidizing Acidophiles. Geomicrobiology Journal, 2022, 39, 233-241.	2.0	2
3	Different responses of bacteria and fungi to environmental variables and corresponding community assembly in Sb-contaminated soil. Environmental Pollution, 2022, 298, 118812.	7.5	23
4	Bacterial Movement in Subsurface Soil during Winter Irrigation of Reclaimed Wastewater. Sustainability, 2021, 13, 9594.	3.2	1
5	Pathobionts: mechanisms of survival, expansion, and interaction with host with a focus on Clostridioides difficile. Gut Microbes, 2021, 13, 1979882.	9.8	26
6	Mechanism of microbial dissolution and oxidation of antimony in stibnite under ambient conditions. Journal of Hazardous Materials, 2020, 385, 121561.	12.4	52
7	Effect of Sodium Chloride Concentration on Removal of Chemical Oxygen Demand and Ammonia from Turkey Processing Wastewater in Sand Bioreactors. Applied Engineering in Agriculture, 2020, 36, 33-37.	0.7	3
8	Acid and ferric sulfate bioleaching of uranium ores: A review #. Journal of Cleaner Production, 2020, 264, 121586.	9.3	60
9	Effect of the type and concentration of cellulose and temperature on metabolite formation by a fermentative thermophilic consortium. International Journal of Hydrogen Energy, 2019, 44, 17248-17259.	7.1	5
10	Isolation, characterization, and genome insights into an anaerobic sulfidogenic Tissierella bacterium from Cu-bearing coins. Anaerobe, 2019, 56, 66-77.	2.1	11
11	Isolation, Characterization, and Metal Response of Novel, Acid-Tolerant Penicillium spp. from Extremely Metal-Rich Waters at a Mining Site in Transbaikal (Siberia, Russia). Microbial Ecology, 2018, 76, 911-924.	2.8	18
12	Formation and characterization of ternary (Na, NH4, H3O)-jarosites produced from Acidithiobacillus ferrooxidans cultures. Applied Geochemistry, 2018, 91, 14-22.	3.0	17
13	Can Sulfate Be the First Dominant Aqueous Sulfur Species Formed in the Oxidation of Pyrite by Acidithiobacillus ferrooxidans?. Frontiers in Microbiology, 2018, 9, 3134.	3.5	16
14	Decolorization of Reactive Black 5 and Reactive Blue 4 Dyes in Microbial Fuel Cells. Applied Biochemistry and Biotechnology, 2018, 186, 1017-1033.	2.9	13
15	Treatment of Meat-processing Wastewater with a Full-scale, Low-cost Sand/Gravel Bioreactor System. Applied Engineering in Agriculture, 2018, 34, 403-410.	0.7	4
16	Microbial attenuation of atrazine in agricultural soils: Biometer assays, bacterial taxonomic diversity, and catabolic genes. Chemosphere, 2017, 176, 352-360.	8.2	28
17	Selection for novel, acid-tolerant Desulfovibrio spp. from a closed Transbaikal mine site in a temporal pH-gradient bioreactor. Antonie Van Leeuwenhoek, 2017, 110, 1669-1679.	1.7	6
18	Characterization and performance of anodic mixed culture biofilms in submersed microbial fuel cells. Bioelectrochemistry, 2017, 113, 79-84.	4.6	38

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19	Biomineralization of atrazine and analysis of 16S rRNA and catabolic genes of atrazine degraders in a former pesticide mixing site and a machinery washing area. Journal of Soils and Sediments, 2016, 16, 2263-2274.	3.0	10
20	Synthesis of argentojarosite with simulated bioleaching solutions produced by Acidithiobacillus ferrooxidans. Materials Science and Engineering C, 2016, 66, 164-169.	7.3	7
21	Chemical and bacterial leaching of metals from a smelter slag in acid solutions. Hydrometallurgy, 2016, 159, 46-53.	4.3	47
22	Silver-catalyzed bioleaching of copper, molybdenum and rhenium from a chalcopyriteâ€“molybdenite concentrate. International Biodeterioration and Biodegradation, 2015, 104, 194-200.	3.9	39
23	Molecular analysis of atrazine-degrading bacteria and catabolic genes in the water column and sediment of a created wetland in an agricultural/urban watershed. Ecological Engineering, 2015, 83, 405-412.	3.6	21
24	Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples. Biomass and Bioenergy, 2015, 75, 11-22.	5.7	3
25	Kinetics of aerobic and anaerobic biomineralization of atrazine in surface and subsurface agricultural soils in Ohio. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 718-726.	1.5	3
26	Mineralization of atrazine in the river water intake and sediments of a constructed flow-through wetland. Ecological Engineering, 2014, 72, 35-39.	3.6	22
27	Synthesis and properties of ternary (K, NH4, H3O)-jarosites precipitated from Acidithiobacillus ferrooxidans cultures in simulated bioleaching solutions. Materials Science and Engineering C, 2014, 44, 391-399.	7.3	31
28	Mesophilic and thermophilic bioleaching of copper from a chalcopyrite-containing molybdenite concentrate. International Journal of Mineral Processing, 2014, 128, 25-32.	2.6	39
29	Effect of Na-chloride on the bioleaching of a chalcopyrite concentrate in shake flasks and stirred tank bioreactors. Hydrometallurgy, 2013, 138, 1-13.	4.3	54
30	Inhibition of bacterial oxidation of ferrous iron by lead nitrate in sulfate-rich systems. Journal of Hazardous Materials, 2013, 244-245, 718-725.	12.4	6
31	Characterization of precipitates formed by H2S-producing, Cu-resistant Firmicute isolates of Tissierella from human gut and Desulfosporosinus from mine waste. Antonie Van Leeuwenhoek, 2013, 103, 1221-1234.	1.7	35
32	Anaerobic conversion of microalgal biomass to sustainable energy carriers â€“ A review. Bioresource Technology, 2013, 135, 222-231.	9.6	115
33	Solid-phase controls on lead partitioning in laboratory bioleaching solutions. Hydrometallurgy, 2013, 136, 27-30.	4.3	2
34	Suppression of methanogenesis in cellulose-fed microbial fuel cells in relation to performance, metabolite formation, and microbial population. Bioresource Technology, 2013, 129, 281-288.	9.6	77
35	Impact of Increased Surface Area Cathodes Using Nanostructures in Microbial Fuel Cells for Electricity Production. , 2012, , .		0
36	Production of Electricity and Butanol from Microalgal Biomass in Microbial Fuel Cells. Bioenergy Research, 2012, 5, 481-491.	3.9	57

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37	Growth of Dunaliella tertiolecta and associated bacteria in photobioreactors. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1357-1365.	3.0	19
38	Dissolution of non-sulfide phases during the chemical and bacterial leaching of a sulfidic black schist. Hydrometallurgy, 2012, 117-118, 32-35.	4.3	9
39	Hydrogen and volatile fatty acid production during fermentation of cellulosic substrates by a thermophilic consortium at 50 and 60Â°C. Bioresource Technology, 2012, 104, 424-431.	9.6	27
40	Growth of Chlorella vulgaris and associated bacteria in photobioreactors. Microbial Biotechnology, 2012, 5, 69-78.	4.2	77
41	Growth of Chlorella vulgaris and associated bacteria in photobioreactors. Microbial Biotechnology, 2012, 5, 449-449.	4.2	2
42	Chemical and bacterial leaching of metals from black schist sulfide minerals in shake flasks. International Journal of Mineral Processing, 2012, 110-111, 25-29.	2.6	15
43	A SOLID PHASE EXTRACTION TECHNIQUE FOR HPLC ANALYSIS OF SHORT CHAIN FATTY ACID FLUXES DURING MICROBIAL DEGRADATION OF PLANT POLYMERS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1546-1555.	1.0	2
44	Biogenic hydrogen and methane production from Chlorella vulgaris and Dunaliella tertiolecta biomass. Biotechnology for Biofuels, 2011, 4, 34.	6.2	158
45	Weathering of Biotite inAcidithiobacillus ferrooxidansCultures. Geomicrobiology Journal, 2011, 28, 130-134.	2.0	14
46	Bioleaching and recovery of metals from final slag waste of the copper smelting industry. Minerals Engineering, 2011, 24, 1113-1121.	4.3	73
47	Thermophilic, anaerobic co-digestion of microalgal biomass and cellulose for H2 production. Biodegradation, 2011, 22, 805-814.	3.0	65
48	Effect of external resistance on bacterial diversity and metabolism in cellulose-fed microbial fuel cells. Bioresource Technology, 2011, 102, 278-283.	9.6	161
49	Weathering of phlogopite in simulated bioleaching solutions. International Journal of Mineral Processing, 2011, 98, 30-34.	2.6	18
50	A thermophilic microbial fuel cell design. Journal of Power Sources, 2011, 196, 3757-3760.	7.8	28
51	A Potential Sanitary Sewer Overflow Treatment Technology: Fixedâ€Media Bioreactors. Water Environment Research, 2011, 83, 714-721.	2.7	4
52	Predictive modelling of Fe(III) precipitation in iron removal process for bioleaching circuits. Bioprocess and Biosystems Engineering, 2010, 33, 449-456.	3.4	8
53	Formation of Fe-sulfides in cultures of sulfate-reducing bacteria. Journal of Hazardous Materials, 2010, 175, 1062-1067.	12.4	76
54	Biooxidation and precipitation for iron and sulfate removal from heap bioleaching effluent streams. Hydrometallurgy, 2010, 101, 7-14.	4.3	45

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55	Altered mineralogy associated with stirred tank bioreactor leaching of a black schist ore. Hydrometallurgy, 2010, 100, 181-184.	4.3	13
56	Characterization of jarosites produced by chemical synthesis over a temperature gradient from 2 to 40Â°C. International Journal of Mineral Processing, 2010, 94, 121-128.	2.6	31
57	Pretreatment of turkey fat-containing wastewater in coarse sand and gravel/coarse sand bioreactors. Bioresource Technology, 2010, 101, 1106-1110.	9.6	10
58	Attenuation of pollutants in sanitary sewer overflow: Comparative evaluation of treatment with fixed media bioreactors. Bioresource Technology, 2010, 101, 1781-1786.	9.6	4
59	In-situ enrichment and analysis of atrazine-degrading microbial communities using atrazine-containing porous beads. Soil Biology and Biochemistry, 2009, 41, 1331-1334.	8.8	16
60	Oxidation of elemental sulfur, tetrathionate and ferrous iron by the psychrotolerant Acidithiobacillus strain SS3. Research in Microbiology, 2009, 160, 767-774.	2.1	40
61	Extracellular enzyme activities and nutrient availability during artificial groundwater recharge. Water Research, 2009, 43, 405-416.	11.3	22
62	Biogenic Synthesis and Reduction of Fe(III)-hydroxysulfates. Geomicrobiology Journal, 2009, 26, 275-280.	2.0	27
63	Cathodic limitations in microbial fuel cells: An overview. Journal of Power Sources, 2008, 180, 683-694.	7.8	626
64	Bioleaching of a pyritic sludge from the AznalcÃ³llar (Spain) mine spillage at ambient and elevated temperatures. Hydrometallurgy, 2008, 93, 76-79.	4.3	13
65	Monovalent cation concentrations determine the types of Fe(III) hydroxysulfate precipitates formed in bioleach solutions. Hydrometallurgy, 2008, 94, 29-33.	4.3	73
66	Bacterial phylogenetic diversity in a constructed wetland system treating acid coal mine drainage. Soil Biology and Biochemistry, 2008, 40, 312-321.	8.8	24
67	Biological Iron Oxidation and Sulfate Reduction in the Treatment of Acid Mine Drainage at Low Temperatures. , 2008, , 429-454.		11
68	Phenanthrene release from natural organic matter surrogates under simulated human gastrointestinal conditions. Ecotoxicology and Environmental Safety, 2008, 69, 525-530.	6.0	12
69	Precipitation of Cu-Sulfides by Copper-TolerantDesulfovibrioIsolates. Geomicrobiology Journal, 2008, 25, 219-227.	2.0	26
70	Formation of Ni- and Zn-Sulfides in Cultures of Sulfate-Reducing Bacteria. Geomicrobiology Journal, 2007, 24, 609-614.	2.0	31
71	Synthesis and properties of ammoniojarosites prepared with iron-oxidizing acidophilic microorganisms at 22â€“65Â°C. Geochimica Et Cosmochimica Acta, 2007, 71, 155-164.	3.9	47
72	Pretreatment of Turkey Fat in Wastewater in Sand Bioreactors. , 2007, , .		0

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73	Treatment of Turkey Processing Wastewater with Sand and Sand-Textile Bioreactors. , 2007, , .		0
74	Electricity generation from cellulose by rumen microorganisms in microbial fuel cells. Biotechnology and Bioengineering, 2007, 97, 1398-1407.	3.3	213
75	Bacterial oxidation of ferrous iron at low temperatures. Biotechnology and Bioengineering, 2007, 97, 1470-1478.	3.3	56
76	Treatment of turkey processing wastewater with sand filtration. Bioresource Technology, 2007, 98, 1460-1466.	9.6	36
77	Oxidation of marcasite and pyrite by iron-oxidizing bacteria and archaea. Hydrometallurgy, 2007, 88, 127-131.	4.3	23
78	Oxidation of isochemical FeS2 (marcasiteâ€“pyrite) by Acidithiobacillus thiooxidans and Acidithiobacillus ferrooxidans. Minerals Engineering, 2007, 20, 98-101.	4.3	17
79	Screening of Human Enteric Microorganisms for Potential Biotransformation of Polycyclic Aromatic Hydrocarbons. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 533-536.	2.7	1
80	Microbial Populations Identified by Fluorescence In Situ Hybridization in a Constructed Wetland Treating Acid Coal Mine Drainage. Journal of Environmental Quality, 2006, 35, 1329-1337.	2.0	16
81	Assessment of the Microbial Community in a Constructed Wetland that Receives Acid Coal Mine Drainage. Microbial Ecology, 2006, 51, 83-89.	2.8	53
82	Formation of schwertmannite and its transformation to jarosite in the presence of acidophilic iron-oxidizing microorganisms. Materials Science and Engineering C, 2006, 26, 588-592.	7.3	109
83	Formation of Covellite (CuS) Under Biological Sulfate-Reducing Conditions. Geomicrobiology Journal, 2006, 23, 613-619.	2.0	42
84	Bioleaching of sulfidic tailing samples with a novel, vacuum-positive pressure driven bioreactor. Biotechnology and Bioengineering, 2005, 92, 559-567.	3.3	19
85	Ring-cleaving cyanuric acid amidohydrolase activity in the atrazine-mineralizingRalstonia basilensisM91-3. Biocatalysis and Biotransformation, 2005, 23, 387-396.	2.0	8
86	Sulfate Reduction Potential in Sediments in the Norilsk Mining Area, Northern Siberia. Geomicrobiology Journal, 2005, 22, 11-25.	2.0	38
87	Weathering of phlogopite by Bacillus cereus and Acidithiobacillus ferrooxidans. Canadian Journal of Microbiology, 2004, 50, 213-219.	1.7	9
88	Copper resistance in Desulfovibrio strain R2. Antonie Van Leeuwenhoek, 2003, 83, 99-106.	1.7	26
89	Microbial Degradation of Atrazine in Soils, Sediments, and Surface Water. ACS Symposium Series, 2003, , 129-139.	0.5	6
90	Mineralization of phenanthrene and fluoranthene in yardwaste compost. Environmental Pollution, 2003, 124, 81-91.	7.5	26

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91	Ralstonia basilensisM91-3, a denitrifying soil bacterium capable of usings-triazines as nitrogen sources. Canadian Journal of Microbiology, 2002, 48, 1089-1098.	1.7	32
92	Analysis of atrazine-degrading microbial communities in soils using most-probable-number enumeration, DNA hybridization, and inhibitors. Soil Biology and Biochemistry, 2002, 34, 1449-1459.	8.8	23
93	Atrazine mineralization potential in two wetlands. Water Research, 2002, 36, 4785-4794.	11.3	49
94	Growth of sulfate-reducing bacteria with solid-phase electron acceptors. Applied Microbiology and Biotechnology, 2002, 58, 482-486.	3.6	50
95	PCR amplification of 16S rDNA sequences in Fe-rich sediment of coal refuse drainage. Biotechnology Letters, 2002, 24, 1049-1053.	2.2	5
96	Effect of cyanuric acid amendment on atrazine mineralization in surface soils and detection of the s-triazine ring-cleavage gene trzD. Soil Biology and Biochemistry, 2001, 33, 1539-1545.	8.8	11
97	Dissolution and structural alteration of phlogopite mediated by proton attack and bacterial oxidation of ferrous iron. Hydrometallurgy, 2001, 59, 301-309.	4.3	35
98	Dissolution of uraninite in acid solutions. Journal of Chemical Technology and Biotechnology, 1998, 73, 259-263.	3.2	12
99	Effect of inoculation on the biodegradation of butterfat-detergent mixtures in fixed-film sand columns. Bioresource Technology, 1998, 64, 27-32.	9.6	15
100	Biodegradation of the Acetanilide Herbicides Alachlor, Metolachlor, and Propachlor. Critical Reviews in Microbiology, 1998, 24, 1-22.	6.1	116
101	Biologically enhanced dissolution of a pyriteâ€rich black shale concentrate. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1997, 32, 2683-2695.	0.1	5
102	Biogeochemical transformations of Fe and Mn in oxic groundwater and well water environments. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1997, 32, 407-426.	0.1	14
103	Acid dissolution of uranophane and carnotite. Journal of Environmental Science and Health Part A: Environmental Science and Engineering, 1997, 32, 1827-1835.	0.1	1
104	Anaerobic Transformation of Alachlor, Propachlor, and Metolachlor with Sulfide. Journal of Environmental Quality, 1997, 26, 488-494.	2.0	34
105	Atrazine Mineralization in Laboratoryâ€Aged Soil Microcosms Inoculated with sâ€Triazineâ€Degrading Bacteria. Journal of Environmental Quality, 1997, 26, 206-214.	2.0	60
106	Variation in Atrazine Mineralization Rates in Relation to Agricultural Management Practice. Journal of Environmental Quality, 1997, 26, 647-657.	2.0	61
107	Phylogenetic and narG Analysis of a Hyphomicrobium Isolate. Current Microbiology, 1997, 35, 244-248.	2.2	3
108	Biodegradation of atrazine in surface soils and subsurface sediments collected from an agricultural research farm. Biodegradation, 1996, 7, 137-149.	3.0	64

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109	ATP Measurement in Compost. Compost Science and Utilization, 1996, 4, 6-17.	1.2	23
110	Characterization of a Bench-Scale System for Studying the Biodegradation of Organic Solid Wastes. Biotechnology Progress, 1995, 11, 443-451.	2.6	35
111	Bacterial leaching of complex sulfide ore samples in bench-scale column reactors. Hydrometallurgy, 1995, 37, 1-21.	4.3	84
112	Oxidation of galena by Thiobacillus ferrooxidans and Thiobacillus thiooxidans. Canadian Journal of Microbiology, 1995, 41, 508-514.	1.7	39
113	Determination of Dicamba by Reverse-Phase HPLC. Journal of Liquid Chromatography and Related Technologies, 1994, 17, 2667-2674.	1.0	6
114	Microbiological treatment of fertilizer solid waste material containing phenoxyalkanoic herbicides 2,4-D and MCPP. Journal of Chemical Technology and Biotechnology, 1994, 61, 299-305.	3.2	3
115	Nutrient Effect on the Biological Leaching of a Black-Schist Ore. Applied and Environmental Microbiology, 1994, 60, 1287-1291.	3.1	21
116	Oxidative Dissolution of Arsenopyrite by Mesophilic and Moderately Thermophilic Acidophiles. Applied and Environmental Microbiology, 1994, 60, 3268-3274.	3.1	71
117	Maximum Temperature Limits for Acidophilic, Mesophilic Bacteria in Biological Leaching Systems. Applied and Environmental Microbiology, 1994, 60, 3444-3446.	3.1	20
118	Microbiological Analysis of Iron-Related Biofouling in Water Wells and a Flow-Cell Apparatus for Field and Laboratory Investigations. Ground Water, 1993, 31, 982-988.	1.3	8
119	Solid-Phase Alteration and Iron Transformation in Column Bioleaching of a Complex Sulfide Ore. ACS Symposium Series, 1993, , 79-89.	0.5	10
120	Alteration of Mica and Feldspar Associated with the Microbiological Oxidation of Pyrrhotite and Pyrite. ACS Symposium Series, 1993, , 90-105.	0.5	13
121	Bacterial Oxidation of Refractory Sulfide Ores for Gold Recovery. Critical Reviews in Biotechnology, 1992, 12, 133-155.	9.0	68
122	Alterations in surfaces and textures of minerals during the bacterial leaching of a complex sulfide ore. Geomicrobiology Journal, 1992, 10, 207-217.	2.0	8
123	Bacterial Oxidation of Sulfide Minerals in Column Leaching Experiments at Suboptimal Temperatures. Applied and Environmental Microbiology, 1992, 58, 600-606.	3.1	59
124	Simultaneous degradation of the herbicides 2,4-dichlorophenoxyacetic acid and 2-(2-methyl-4-chlorophenoxy)propionic acid by mixed bacterial cultures. Current Microbiology, 1991, 23, 65-69.	2.2	8
125	Temperature Effects on Bacterial Leaching of Sulfide Minerals in Shake Flask Experiments. Applied and Environmental Microbiology, 1991, 57, 138-145.	3.1	39
126	Catalytic effects of silver in the microbiological leaching of finely ground chalcopyrite-containing ore materials in shake flasks. Hydrometallurgy, 1990, 24, 219-236.	4.3	57

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127	Kinetics of Sulfur Oxidation at Suboptimal Temperatures. Applied and Environmental Microbiology, 1990, 56, 560-562.	3.1	34
128	Scanning electron microscopic examination of Thiobacillus ferrooxidans on different support matrix materials in packed bed and fluidized bed bioreactors. Applied Microbiology and Biotechnology, 1989, 31-31, 505-511.	3.6	30
129	Influence of metals on oxygen uptake, carbon dioxide fixation, and cytochrome reduction inNitrobacter Agilis. Toxicity Assessment, 1989, 4, 185-198.	0.6	3
130	Influence of sulfooxyanions on oxygen uptake, carbon dioxide fixation, and cytochrome reduction inNitrobacter Agilis. Toxicity Assessment, 1989, 4, 199-207.	0.6	0
131	Microbiological Oxidation of Ferrous Iron at Low Temperatures. Applied and Environmental Microbiology, 1989, 55, 312-316.	3.1	82
132	Fast Kinetics of Fe ²⁺ Oxidation in Packed-Bed Reactors. Applied and Environmental Microbiology, 1988, 54, 3092-3100.	3.1	71
133	Characterization of Jarosite Formed upon Bacterial Oxidation of Ferrous Sulfate in a Packed-Bed Reactor. Applied and Environmental Microbiology, 1988, 54, 3101-3106.	3.1	80
134	Iron Pyrite Oxidation by Thiobacillus Ferrooxidans: Sulfur Intermediates, Soluble End Products, and Changes in Biomassâ€. Coal Preparation, 1987, 5, 39-55.	0.5	14
135	Effect of organic compounds on the microbiological leaching of a complex sulphide ore material. MIRCEN Journal of Applied Microbiology and Biotechnology, 1987, 3, 429-436.	0.3	12
136	An ultraviolet spectrophotometric method for the determination of pyrite and ferrous ion oxidation by Thiobacillus ferrooxidans. Applied Microbiology and Biotechnology, 1986, 24, 338.	3.6	15
137	Microbiological leaching of sulfide minerals with different percolation regimes. Applied Microbiology and Biotechnology, 1986, 24, 144-148.	3.6	6
138	Microbiological leaching of sulfide minerals with different percolation regimes. Applied Microbiology and Biotechnology, 1986, 24, 144-148.	3.6	1
139	Legioneilla pneumophila in a metropolitan water distribution system. Environmental Technology Letters, 1985, 6, 429-438.	0.4	7
140	Silver toxicity to ferrous iron and pyrite oxidation and its alleviation by yeast extract in cultures ofThiobacillus ferrooxidans. Biotechnology Letters, 1985, 7, 389-394.	2.2	18
141	Chlorine demand and trihalomethane formation by tubercles from cast iron water mains. Environmental Technology Letters, 1984, 5, 97-108.	0.4	14
142	Ferrous ion oxidation by Thiobacillus ferrooxidans immobilized in calcium alginate. Applied Microbiology and Biotechnology, 1984, 20, 94.	3.6	25
143	Accumulation and cellular distribution of uranium in Thiobacillus ferrooxidans. Archives of Microbiology, 1983, 135, 250-253.	2.2	47
144	A novel method for the isolation of bacterial quinones and its application to appraise the ubiquinone composition of Thiobacillus ferrooxidans. Archives of Microbiology, 1983, 135, 77-80.	2.2	12

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145	Uranium resistance of Thiobacillus ferrooxidans. European Journal of Applied Microbiology and Biotechnology, 1983, 18, 392-395.	1.3	25
146	Sorption ofThiobacillus ferrooxidans to particulate material. Biotechnology and Bioengineering, 1983, 25, 1163-1168.	3.3	53
147	Effects of chemical and physical treatments on the stability of halogenated organic compounds in water. Environmental Technology Letters, 1983, 4, 469-474.	0.4	0
148	Solubilization and speciation of iron during pyrite oxidation byThiobacillus ferrooxidans. Geomicrobiology Journal, 1983, 3, 95-120.	2.0	19
149	Uranous ion oxidation and carbon dioxide fixation byThiobacillus ferrooxidans. Archives of Microbiology, 1982, 133, 28-32.	2.2	92
150	Kinetics of uranous ion and ferrous iron oxidation byThiobacillus ferrooxidans. Archives of Microbiology, 1982, 133, 33-37.	2.2	52
151	Flagella and Pili of Iron-Oxidizing Thiobacilli Isolated from a Uranium Mine in Northern Ontario, Canada. Applied and Environmental Microbiology, 1982, 43, 1196-1200.	3.1	36
152	Inhibitory effects of particulate materials in growing cultures ofThiobacillus ferrooxidans. Biotechnology and Bioengineering, 1981, 23, 2761-2769.	3.3	24
153	Differentiation of acidophilic thiobacilli by cell density in renografin gradients. Current Microbiology, 1981, 6, 81-84.	2.2	3
154	Oxygen uptake coupled with uranous sulfate oxidation bythiobacillus ferrooxidansandT. Acidophilus. Geomicrobiology Journal, 1981, 2, 275-291.	2.0	32
155	Ferrous iron oxidation bythiobacillus ferrooxidans:Inhibition by finely ground particles. Geomicrobiology Journal, 1980, 2, 1-12.	2.0	29
156	Inorganic pyrophosphatase activity in sewage samples. Journal of Environmental Science and Health Part A, Environmental Science and Engineering, 1979, 14, 259-265.	0.1	2
157	Jarosite in cultures of ironâ€oxidizing thiobacilli. Geomicrobiology Journal, 1979, 1, 205-210.	2.0	21
158	Nitrogen Requirement of Iron-Oxidizing Thiobacilli for Acidic Ferric Sulfate Regeneration. Applied and Environmental Microbiology, 1979, 37, 954-958.	3.1	18
159	Stability of adenosine 5'â€triphosphate standards for the luciferinâ€luciferase bioluminescence assay. Journal of Environmental Science and Health Part A, Environmental Science and Engineering, 1978, 13, 387-390.	0.1	0
160	Thermodynamic Modelling of Iron Solubility in Sulphide Mineral Leaching. Advanced Materials Research, 0, 71-73, 441-444.	0.3	3
161	The Characterization of Microbiome and Interactions on Weathered Rocks in a Subsurface Karst Cave, Central China. Frontiers in Microbiology, 0, 13, .	3.5	5