

Olli H Tuovinen

List of Publications by Year in descending order

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161
papers

5,467
citations

87401

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116156

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163
all docs

163
docs citations

163
times ranked

5385
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid Bioleaching of Copper from Smelter Dust at Incremental Temperatures. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2022, 43, 233-242.	2.6	4
2	Bioleaching of Low-Grade Ni-Sulfide Samples with a Mesophilic Consortium of Iron- and Sulfur-Oxidizing Acidophiles. <i>Geomicrobiology Journal</i> , 2022, 39, 233-241.	1.0	2
3	Different responses of bacteria and fungi to environmental variables and corresponding community assembly in Sb-contaminated soil. <i>Environmental Pollution</i> , 2022, 298, 118812.	3.7	23
4	Bacterial Movement in Subsurface Soil during Winter Irrigation of Reclaimed Wastewater. <i>Sustainability</i> , 2021, 13, 9594.	1.6	1
5	Pathobionts: mechanisms of survival, expansion, and interaction with host with a focus on <i>Clostridioides difficile</i> . <i>Gut Microbes</i> , 2021, 13, 1979882.	4.3	26
6	Mechanism of microbial dissolution and oxidation of antimony in stibnite under ambient conditions. <i>Journal of Hazardous Materials</i> , 2020, 385, 121561.	6.5	52
7	Effect of Sodium Chloride Concentration on Removal of Chemical Oxygen Demand and Ammonia from Turkey Processing Wastewater in Sand Bioreactors. <i>Applied Engineering in Agriculture</i> , 2020, 36, 33-37.	0.3	3
8	Acid and ferric sulfate bioleaching of uranium ores: A review #. <i>Journal of Cleaner Production</i> , 2020, 264, 121586.	4.6	60
9	Effect of the type and concentration of cellulose and temperature on metabolite formation by a fermentative thermophilic consortium. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 17248-17259.	3.8	5
10	Isolation, characterization, and genome insights into an anaerobic sulfidogenic <i>Tissierella</i> bacterium from Cu-bearing coins. <i>Anaerobe</i> , 2019, 56, 66-77.	1.0	11
11	Isolation, Characterization, and Metal Response of Novel, Acid-Tolerant <i>Penicillium</i> spp. from Extremely Metal-Rich Waters at a Mining Site in Transbaikal (Siberia, Russia). <i>Microbial Ecology</i> , 2018, 76, 911-924.	1.4	18
12	Formation and characterization of ternary (Na, NH ₄ , H ₃ O)-jarosites produced from <i>Acidithiobacillus ferrooxidans</i> cultures. <i>Applied Geochemistry</i> , 2018, 91, 14-22.	1.4	17
13	Can Sulfate Be the First Dominant Aqueous Sulfur Species Formed in the Oxidation of Pyrite by <i>Acidithiobacillus ferrooxidans</i> ?. <i>Frontiers in Microbiology</i> , 2018, 9, 3134.	1.5	16
14	Decolorization of Reactive Black 5 and Reactive Blue 4 Dyes in Microbial Fuel Cells. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 1017-1033.	1.4	13
15	Treatment of Meat-processing Wastewater with a Full-scale, Low-cost Sand/Gravel Bioreactor System. <i>Applied Engineering in Agriculture</i> , 2018, 34, 403-410.	0.3	4
16	Microbial attenuation of atrazine in agricultural soils: Biometer assays, bacterial taxonomic diversity, and catabolic genes. <i>Chemosphere</i> , 2017, 176, 352-360.	4.2	28
17	Selection for novel, acid-tolerant <i>Desulfovibrio</i> spp. from a closed Transbaikal mine site in a temporal pH-gradient bioreactor. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1669-1679.	0.7	6
18	Characterization and performance of anodic mixed culture biofilms in submersed microbial fuel cells. <i>Bioelectrochemistry</i> , 2017, 113, 79-84.	2.4	38

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19	Biominalization of atrazine and analysis of 16S rRNA and catabolic genes of atrazine degraders in a former pesticide mixing site and a machinery washing area. <i>Journal of Soils and Sediments</i> , 2016, 16, 2263-2274.	1.5	10
20	Synthesis of argentojarosite with simulated bioleaching solutions produced by <i>Acidithiobacillus ferrooxidans</i> . <i>Materials Science and Engineering C</i> , 2016, 66, 164-169.	3.8	7
21	Chemical and bacterial leaching of metals from a smelter slag in acid solutions. <i>Hydrometallurgy</i> , 2016, 159, 46-53.	1.8	47
22	Silver-catalyzed bioleaching of copper, molybdenum and rhenium from a chalcopyrite "molybdenite concentrate. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 194-200.	1.9	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. <i>Ecological Engineering</i> , 2015, 83, 405-412.	1.6	21
24	Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples. <i>Biomass and Bioenergy</i> , 2015, 75, 11-22.	2.9	3
25	Kinetics of aerobic and anaerobic biominalization of atrazine in surface and subsurface agricultural soils in Ohio. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 718-726.	0.7	3
26	Mineralization of atrazine in the river water intake and sediments of a constructed flow-through wetland. <i>Ecological Engineering</i> , 2014, 72, 35-39.	1.6	22
27	Synthesis and properties of ternary (K, NH ₄ , H ₃ O)-jarosites precipitated from <i>Acidithiobacillus ferrooxidans</i> cultures in simulated bioleaching solutions. <i>Materials Science and Engineering C</i> , 2014, 44, 391-399.	3.8	31
28	Mesophilic and thermophilic bioleaching of copper from a chalcopyrite-containing molybdenite concentrate. <i>International Journal of Mineral Processing</i> , 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. <i>Hydrometallurgy</i> , 2013, 138, 1-13.	1.8	54
30	Inhibition of bacterial oxidation of ferrous iron by lead nitrate in sulfate-rich systems. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 718-725.	6.5	6
31	Characterization of precipitates formed by H ₂ S-producing, Cu-resistant Firmicute isolates of <i>Tissierella</i> from human gut and <i>Desulfosporosinus</i> from mine waste. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 1221-1234.	0.7	35
32	Anaerobic conversion of microalgal biomass to sustainable energy carriers " A review. <i>Bioresource Technology</i> , 2013, 135, 222-231.	4.8	115
33	Solid-phase controls on lead partitioning in laboratory bioleaching solutions. <i>Hydrometallurgy</i> , 2013, 136, 27-30.	1.8	2
34	Suppression of methanogenesis in cellulose-fed microbial fuel cells in relation to performance, metabolite formation, and microbial population. <i>Bioresource Technology</i> , 2013, 129, 281-288.	4.8	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. <i>Bioenergy Research</i> , 2012, 5, 481-491.	2.2	57

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37	Growth of <i>Dunaliella tertiolecta</i> and associated bacteria in photobioreactors. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1357-1365.	1.4	19
38	Dissolution of non-sulfide phases during the chemical and bacterial leaching of a sulfidic black schist. Hydrometallurgy, 2012, 117-118, 32-35.	1.8	9
39	Hydrogen and volatile fatty acid production during fermentation of cellulosic substrates by a thermophilic consortium at 50 and 60°C. Bioresource Technology, 2012, 104, 424-431.	4.8	27
40	Growth of <i>Chlorella vulgaris</i> and associated bacteria in photobioreactors. Microbial Biotechnology, 2012, 5, 69-78.	2.0	77
41	Growth of <i>Chlorella vulgaris</i> and associated bacteria in photobioreactors. Microbial Biotechnology, 2012, 5, 449-449.	2.0	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.	0.5	2
44	Biogenic hydrogen and methane production from <i>Chlorella vulgaris</i> and <i>Dunaliella tertiolecta</i> biomass. Biotechnology for Biofuels, 2011, 4, 34.	6.2	158
45	Weathering of Biotite in <i>Acidithiobacillus ferrooxidans</i> Cultures. Geomicrobiology Journal, 2011, 28, 130-134.	1.0	14
46	Bioleaching and recovery of metals from final slag waste of the copper smelting industry. Minerals Engineering, 2011, 24, 1113-1121.	1.8	73
47	Thermophilic, anaerobic co-digestion of microalgal biomass and cellulose for H ₂ production. Biodegradation, 2011, 22, 805-814.	1.5	65
48	Effect of external resistance on bacterial diversity and metabolism in cellulose-fed microbial fuel cells. Bioresource Technology, 2011, 102, 278-283.	4.8	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.	4.0	28
51	A Potential Sanitary Sewer Overflow Treatment Technology: Fixed-Media Bioreactors. Water Environment Research, 2011, 83, 714-721.	1.3	4
52	Predictive modelling of Fe(III) precipitation in iron removal process for bioleaching circuits. Bioprocess and Biosystems Engineering, 2010, 33, 449-456.	1.7	8
53	Formation of Fe-sulfides in cultures of sulfate-reducing bacteria. Journal of Hazardous Materials, 2010, 175, 1062-1067.	6.5	76
54	Biooxidation and precipitation for iron and sulfate removal from heap bioleaching effluent streams. Hydrometallurgy, 2010, 101, 7-14.	1.8	45

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55	Altered mineralogy associated with stirred tank bioreactor leaching of a black schist ore. Hydrometallurgy, 2010, 100, 181-184.	1.8	13
56	Characterization of jarosites produced by chemical synthesis over a temperature gradient from 2 to 40°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.	4.8	10
58	Attenuation of pollutants in sanitary sewer overflow: Comparative evaluation of treatment with fixed media bioreactors. Bioresource Technology, 2010, 101, 1781-1786.	4.8	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.	4.2	16
60	Oxidation of elemental sulfur, tetrathionate and ferrous iron by the psychrotolerant Acidithiobacillus strain SS3. Research in Microbiology, 2009, 160, 767-774.	1.0	40
61	Extracellular enzyme activities and nutrient availability during artificial groundwater recharge. Water Research, 2009, 43, 405-416.	5.3	22
62	Biogenic Synthesis and Reduction of Fe(III)-hydroxysulfates. Geomicrobiology Journal, 2009, 26, 275-280.	1.0	27
63	Cathodic limitations in microbial fuel cells: An overview. Journal of Power Sources, 2008, 180, 683-694.	4.0	626
64	Bioleaching of a pyritic sludge from the Aznalc��llar (Spain) mine spillage at ambient and elevated temperatures. Hydrometallurgy, 2008, 93, 76-79.	1.8	13
65	Monovalent cation concentrations determine the types of Fe(III) hydroxysulfate precipitates formed in bioleach solutions. Hydrometallurgy, 2008, 94, 29-33.	1.8	73
66	Bacterial phylogenetic diversity in a constructed wetland system treating acid coal mine drainage. Soil Biology and Biochemistry, 2008, 40, 312-321.	4.2	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.	2.9	12
69	Precipitation of Cu-Sulfides by Copper-Tolerant <i>Desulfovibrio</i> Isolates. Geomicrobiology Journal, 2008, 25, 219-227.	1.0	26
70	Formation of Ni- and Zn-Sulfides in Cultures of Sulfate-Reducing Bacteria. Geomicrobiology Journal, 2007, 24, 609-614.	1.0	31
71	Synthesis and properties of ammoniojarosites prepared with iron-oxidizing acidophilic microorganisms at 22-65°C. Geochimica Et Cosmochimica Acta, 2007, 71, 155-164.	1.6	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.	1.7	213
75	Bacterial oxidation of ferrous iron at low temperatures. Biotechnology and Bioengineering, 2007, 97, 1470-1478.	1.7	56
76	Treatment of turkey processing wastewater with sand filtration. Bioresource Technology, 2007, 98, 1460-1466.	4.8	36
77	Oxidation of marcasite and pyrite by iron-oxidizing bacteria and archaea. Hydrometallurgy, 2007, 88, 127-131.	1.8	23
78	Oxidation of isochemical FeS ₂ (marcasite) pyrite by Acidithiobacillus thiooxidans and Acidithiobacillus ferrooxidans. Minerals Engineering, 2007, 20, 98-101.	1.8	17
79	Screening of Human Enteric Microorganisms for Potential Biotransformation of Polycyclic Aromatic Hydrocarbons. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 533-536.	1.3	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.	1.0	16
81	Assessment of the Microbial Community in a Constructed Wetland that Receives Acid Coal Mine Drainage. Microbial Ecology, 2006, 51, 83-89.	1.4	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.	3.8	109
83	Formation of Covellite (CuS) Under Biological Sulfate-Reducing Conditions. Geomicrobiology Journal, 2006, 23, 613-619.	1.0	42
84	Bioleaching of sulfidic tailing samples with a novel, vacuum-positive pressure driven bioreactor. Biotechnology and Bioengineering, 2005, 92, 559-567.	1.7	19
85	Ring-cleaving cyanuric acid amidohydrolase activity in the atrazine-mineralizing <i>Ralstonia basilensis</i> M91-3. Biocatalysis and Biotransformation, 2005, 23, 387-396.	1.1	8
86	Sulfate Reduction Potential in Sediments in the Norilsk Mining Area, Northern Siberia. Geomicrobiology Journal, 2005, 22, 11-25.	1.0	38
87	Weathering of phlogopite by <i>Bacillus cereus</i> and <i>Acidithiobacillus ferrooxidans</i> . Canadian Journal of Microbiology, 2004, 50, 213-219.	0.8	9
88	Copper resistance in <i>Desulfovibrio</i> strain R2. Antonie Van Leeuwenhoek, 2003, 83, 99-106.	0.7	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.	3.7	26

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91	Ralstonia basilensis M91-3, a denitrifying soil bacterium capable of using triazines as nitrogen sources. Canadian Journal of Microbiology, 2002, 48, 1089-1098.	0.8	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.	4.2	23
93	Atrazine mineralization potential in two wetlands. Water Research, 2002, 36, 4785-4794.	5.3	49
94	Growth of sulfate-reducing bacteria with solid-phase electron acceptors. Applied Microbiology and Biotechnology, 2002, 58, 482-486.	1.7	50
95	PCR amplification of 16S rDNA sequences in Fe-rich sediment of coal refuse drainage. Biotechnology Letters, 2002, 24, 1049-1053.	1.1	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.	4.2	11
97	Dissolution and structural alteration of phlogopite mediated by proton attack and bacterial oxidation of ferrous iron. Hydrometallurgy, 2001, 59, 301-309.	1.8	35
98	Dissolution of uraninite in acid solutions. Journal of Chemical Technology and Biotechnology, 1998, 73, 259-263.	1.6	12
99	Effect of inoculation on the biodegradation of butterfat-detergent mixtures in fixed-film sand columns. Bioresource Technology, 1998, 64, 27-32.	4.8	15
100	Biodegradation of the Acetanilide Herbicides Alachlor, Metolachlor, and Propachlor. Critical Reviews in Microbiology, 1998, 24, 1-22.	2.7	116
101	Biologically enhanced dissolution of a pyrite-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.	1.0	34
105	Atrazine Mineralization in Laboratory-Aged Soil Microcosms Inoculated with s-triazine-Degrading Bacteria. Journal of Environmental Quality, 1997, 26, 206-214.	1.0	60
106	Variation in Atrazine Mineralization Rates in Relation to Agricultural Management Practice. Journal of Environmental Quality, 1997, 26, 647-657.	1.0	61
107	Phylogenetic and narG Analysis of a Hyphomicrobium Isolate. Current Microbiology, 1997, 35, 244-248.	1.0	3
108	Biodegradation of atrazine in surface soils and subsurface sediments collected from an agricultural research farm. Biodegradation, 1996, 7, 137-149.	1.5	64

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109	ATP Measurement in Compost. <i>Compost Science and Utilization</i> , 1996, 4, 6-17.	1.2	23
110	Characterization of a Bench-Scale System for Studying the Biodegradation of Organic Solid Wastes. <i>Biotechnology Progress</i> , 1995, 11, 443-451.	1.3	35
111	Bacterial leaching of complex sulfide ore samples in bench-scale column reactors. <i>Hydrometallurgy</i> , 1995, 37, 1-21.	1.8	84
112	Oxidation of galena by <i>Thiobacillus ferrooxidans</i> and <i>Thiobacillus thiooxidans</i> . <i>Canadian Journal of Microbiology</i> , 1995, 41, 508-514.	0.8	39
113	Determination of Dicamba by Reverse-Phase HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994, 17, 2667-2674.	0.9	6
114	Microbiological treatment of fertilizer solid waste material containing phenoxyalkanoic herbicides 2,4-D and MCPP. <i>Journal of Chemical Technology and Biotechnology</i> , 1994, 61, 299-305.	1.6	3
115	Nutrient Effect on the Biological Leaching of a Black-Schist Ore. <i>Applied and Environmental Microbiology</i> , 1994, 60, 1287-1291.	1.4	21
116	Oxidative Dissolution of Arsenopyrite by Mesophilic and Moderately Thermophilic Acidophiles. <i>Applied and Environmental Microbiology</i> , 1994, 60, 3268-3274.	1.4	71
117	Maximum Temperature Limits for Acidophilic, Mesophilic Bacteria in Biological Leaching Systems. <i>Applied and Environmental Microbiology</i> , 1994, 60, 3444-3446.	1.4	20
118	Microbiological Analysis of Iron-Related Biofouling in Water Wells and a Flow-Cell Apparatus for Field and Laboratory Investigations. <i>Ground Water</i> , 1993, 31, 982-988.	0.7	8
119	Solid-Phase Alteration and Iron Transformation in Column Bioleaching of a Complex Sulfide Ore. <i>ACS Symposium Series</i> , 1993, , 79-89.	0.5	10
120	Alteration of Mica and Feldspar Associated with the Microbiological Oxidation of Pyrrhotite and Pyrite. <i>ACS Symposium Series</i> , 1993, , 90-105.	0.5	13
121	Bacterial Oxidation of Refractory Sulfide Ores for Gold Recovery. <i>Critical Reviews in Biotechnology</i> , 1992, 12, 133-155.	5.1	68
122	Alterations in surfaces and textures of minerals during the bacterial leaching of a complex sulfide ore. <i>Geomicrobiology Journal</i> , 1992, 10, 207-217.	1.0	8
123	Bacterial Oxidation of Sulfide Minerals in Column Leaching Experiments at Suboptimal Temperatures. <i>Applied and Environmental Microbiology</i> , 1992, 58, 600-606.	1.4	59
124	Simultaneous degradation of the herbicides 2,4-dichlorophenoxyacetic acid and 2-(2-methyl-4-chlorophenoxy)propionic acid by mixed bacterial cultures. <i>Current Microbiology</i> , 1991, 23, 65-69.	1.0	8
125	Temperature Effects on Bacterial Leaching of Sulfide Minerals in Shake Flask Experiments. <i>Applied and Environmental Microbiology</i> , 1991, 57, 138-145.	1.4	39
126	Catalytic effects of silver in the microbiological leaching of finely ground chalcopyrite-containing ore materials in shake flasks. <i>Hydrometallurgy</i> , 1990, 24, 219-236.	1.8	57

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127	Kinetics of Sulfur Oxidation at Suboptimal Temperatures. <i>Applied and Environmental Microbiology</i> , 1990, 56, 560-562.	1.4	34
128	Scanning electron microscopic examination of <i>Thiobacillus ferrooxidans</i> on different support matrix materials in packed bed and fluidized bed bioreactors. <i>Applied Microbiology and Biotechnology</i> , 1989, 31-31, 505-511.	1.7	30
129	Influence of metals on oxygen uptake, carbon dioxide fixation, and cytochrome reduction in <i>Nitrobacter Agilis</i> . <i>Toxicity Assessment</i> , 1989, 4, 185-198.	0.6	3
130	Influence of sulfoxyanions on oxygen uptake, carbon dioxide fixation, and cytochrome reduction in <i>Nitrobacter Agilis</i> . <i>Toxicity Assessment</i> , 1989, 4, 199-207.	0.6	0
131	Microbiological Oxidation of Ferrous Iron at Low Temperatures. <i>Applied and Environmental Microbiology</i> , 1989, 55, 312-316.	1.4	82
132	Fast Kinetics of Fe ²⁺ Oxidation in Packed-Bed Reactors. <i>Applied and Environmental Microbiology</i> , 1988, 54, 3092-3100.	1.4	71
133	Characterization of Jarosite Formed upon Bacterial Oxidation of Ferrous Sulfate in a Packed-Bed Reactor. <i>Applied and Environmental Microbiology</i> , 1988, 54, 3101-3106.	1.4	80
134	Iron Pyrite Oxidation by <i>Thiobacillus Ferrooxidans</i> : Sulfur Intermediates, Soluble End Products, and Changes in Biomass. <i>Coal Preparation</i> , 1987, 5, 39-55.	0.5	14
135	Effect of organic compounds on the microbiological leaching of a complex sulphide ore material. <i>MIRCEN Journal of Applied Microbiology and Biotechnology</i> , 1987, 3, 429-436.	0.3	12
136	An ultraviolet spectrophotometric method for the determination of pyrite and ferrous ion oxidation by <i>Thiobacillus ferrooxidans</i> . <i>Applied Microbiology and Biotechnology</i> , 1986, 24, 338.	1.7	15
137	Microbiological leaching of sulfide minerals with different percolation regimes. <i>Applied Microbiology and Biotechnology</i> , 1986, 24, 144-148.	1.7	6
138	Microbiological leaching of sulfide minerals with different percolation regimes. <i>Applied Microbiology and Biotechnology</i> , 1986, 24, 144-148.	1.7	1
139	<i>Legionella pneumophila</i> in a metropolitan water distribution system. <i>Environmental Technology Letters</i> , 1985, 6, 429-438.	0.4	7
140	Silver toxicity to ferrous iron and pyrite oxidation and its alleviation by yeast extract in cultures of <i>Thiobacillus ferrooxidans</i> . <i>Biotechnology Letters</i> , 1985, 7, 389-394.	1.1	18
141	Chlorine demand and trihalomethane formation by tubercles from cast iron water mains. <i>Environmental Technology Letters</i> , 1984, 5, 97-108.	0.4	14
142	Ferrous ion oxidation by <i>Thiobacillus ferrooxidans</i> immobilized in calcium alginate. <i>Applied Microbiology and Biotechnology</i> , 1984, 20, 94.	1.7	25
143	Accumulation and cellular distribution of uranium in <i>Thiobacillus ferrooxidans</i> . <i>Archives of Microbiology</i> , 1983, 135, 250-253.	1.0	47
144	A novel method for the isolation of bacterial quinones and its application to appraise the ubiquinone composition of <i>Thiobacillus ferrooxidans</i> . <i>Archives of Microbiology</i> , 1983, 135, 77-80.	1.0	12

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145	Uranium resistance of <i>Thiobacillus ferrooxidans</i> . <i>European Journal of Applied Microbiology and Biotechnology</i> , 1983, 18, 392-395.	1.3	25
146	Sorption of <i>Thiobacillus ferrooxidans</i> to particulate material. <i>Biotechnology and Bioengineering</i> , 1983, 25, 1163-1168.	1.7	53
147	Effects of chemical and physical treatments on the stability of halogenated organic compounds in water. <i>Environmental Technology Letters</i> , 1983, 4, 469-474.	0.4	0
148	Solubilization and speciation of iron during pyrite oxidation by <i>Thiobacillus ferrooxidans</i> . <i>Geomicrobiology Journal</i> , 1983, 3, 95-120.	1.0	19
149	Uranous ion oxidation and carbon dioxide fixation by <i>Thiobacillus ferrooxidans</i> . <i>Archives of Microbiology</i> , 1982, 133, 28-32.	1.0	92
150	Kinetics of uranous ion and ferrous iron oxidation by <i>Thiobacillus ferrooxidans</i> . <i>Archives of Microbiology</i> , 1982, 133, 33-37.	1.0	52
151	Flagella and Pili of Iron-Oxidizing <i>Thiobacilli</i> Isolated from a Uranium Mine in Northern Ontario, Canada. <i>Applied and Environmental Microbiology</i> , 1982, 43, 1196-1200.	1.4	36
152	Inhibitory effects of particulate materials in growing cultures of <i>Thiobacillus ferrooxidans</i> . <i>Biotechnology and Bioengineering</i> , 1981, 23, 2761-2769.	1.7	24
153	Differentiation of acidophilic <i>thiobacilli</i> by cell density in renografin gradients. <i>Current Microbiology</i> , 1981, 6, 81-84.	1.0	3
154	Oxygen uptake coupled with uranous sulfate oxidation by <i>thiobacillus ferrooxidans</i> and <i>T. Acidophilus</i> . <i>Geomicrobiology Journal</i> , 1981, 2, 275-291.	1.0	32
155	Ferrous iron oxidation by <i>thiobacillus ferrooxidans</i> : Inhibition by finely ground particles. <i>Geomicrobiology Journal</i> , 1980, 2, 1-12.	1.0	29
156	Inorganic pyrophosphatase activity in sewage samples. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1979, 14, 259-265.	0.1	2
157	Jarosite in cultures of iron-oxidizing <i>thiobacilli</i> . <i>Geomicrobiology Journal</i> , 1979, 1, 205-210.	1.0	21
158	Nitrogen Requirement of Iron-Oxidizing <i>Thiobacilli</i> for Acidic Ferric Sulfate Regeneration. <i>Applied and Environmental Microbiology</i> , 1979, 37, 954-958.	1.4	18
159	Stability of adenosine 5'-triphosphate standards for the luciferin-luciferase bioluminescence assay. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1978, 13, 387-390.	0.1	0
160	Thermodynamic Modelling of Iron Solubility in Sulphide Mineral Leaching. <i>Advanced Materials Research</i> , 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. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5