

Fikret Kargi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

151
papers

6,397
citations

46
h-index

73
g-index

151
ext. papers

6,805
ext. citations

5.7
avg, IF

6.26
L-index

#	Paper	IF	Citations
151	Valorization of Cheese Whey by Electrohydrolysis for Hydrogen Gas Production and COD Removal. <i>Waste and Biomass Valorization</i> , 2013 , 4, 517-528	3.2	5
150	Improved hydrogen gas production in electrohydrolysis of vinegar fermentation wastewater by scrap aluminum and salt addition. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 4389-4396	6.7	7
149	Hydrogen gas production from vinegar fermentation wastewater by electro-hydrolysis: Effects of initial COD content. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 2701-2708	6.7	5
148	Electrohydrolysis of Vinegar Fermentation Wastewater for Hydrogen Gas Production Using Different Types of Electrodes. <i>Journal of Environmental Engineering, ASCE</i> , 2013 , 139, 881-886	2	2
147	Bio-hydrogen production from cheese whey powder (CWP) solution: Comparison of thermophilic and mesophilic dark fermentations. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 8338-8342	6.7	54
146	Simultaneous hydrogen gas formation and COD removal from cheese whey wastewater by electrohydrolysis. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 11656-11665	6.7	17
145	Electro-hydrolysis of cheese whey solution for hydrogen gas production and chemical oxygen demand (COD) removal using photo-voltaic cells (PVC). <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 15841-15849	6.7	2
144	Effect of initial bacteria concentration on hydrogen gas production from cheese whey powder solution by thermophilic dark fermentation. <i>Biotechnology Progress</i> , 2012 , 28, 931-6	2.8	8
143	Hydrogen gas production from cheese whey powder (CWP) solution by thermophilic dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 2260-2266	6.7	60
142	Effects of Reagent Concentrations on Advanced Oxidation of Amoxicillin by Photo-Fenton Treatment. <i>Journal of Environmental Engineering, ASCE</i> , 2011 , 137, 472-480	2	4
141	Hydrogen gas production from acid hydrolyzed wheat starch by combined dark and photo-fermentation with periodic feeding. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 10683-10689	6.7	20
140	Bio-hydrogen production from acid hydrolyzed waste ground wheat by dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 12803-12809	6.7	43
139	Effects of operating parameters on acid hydrolysis of ground wheat starch: Maximization of the sugar yield by statistical experiment design. <i>Starch/Staerke</i> , 2011 , 63, 311-318	2.3	10
138	Thermophilic dark fermentation of acid hydrolyzed waste ground wheat for hydrogen gas production. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 2111-2117	6.7	23
137	Hydrogen gas production from waste anaerobic sludge by electrohydrolysis: Effects of applied DC voltage. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 2049-2056	6.7	29
136	Comparison of different electrodes in hydrogen gas production from electrohydrolysis of wastewater organics using photovoltaic cells (PVC)?. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 3450-3456	6.7	26
135	Hydrogen gas production from olive mill wastewater by electrohydrolysis with simultaneous COD removal. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 3457-3464	6.7	26

134	Photo-fermentative hydrogen gas production from dark fermentation effluent of acid hydrolyzed wheat starch with periodic feeding. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 4348-4353	6.7	18
133	Dark fermentative bio-hydrogen production from waste wheat starch using co-culture with periodic feeding: Effects of substrate loading rate. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 7089-7093	6.7	26
132	Bio-hydrogen production by different operational modes of dark and photo-fermentation: An overview. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 7443-7459	6.7	270
131	Electrohydrolysis of landfill leachate organics for hydrogen gas production and COD removal. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 8252-8260	6.7	24
130	Bio-hydrogen production by photo-fermentation of dark fermentation effluent with intermittent feeding and effluent removal. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 6674-6680	6.7	68
129	Comparison of different mixed cultures for bio-hydrogen production from ground wheat starch by combined dark and light fermentation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010 , 37, 341-7	4.2	33
128	Advanced oxidation of amoxicillin by Fenton's reagent treatment. <i>Journal of Hazardous Materials</i> , 2010 , 179, 622-7	12.8	102
127	Effects of starch loading rate on performance of combined fed-batch fermentation of ground wheat for bio-hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 1106-1111	6.7	23
126	Effects of light source, intensity and lighting regime on bio-hydrogen production from ground wheat starch by combined dark and photo-fermentations. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 1604-1612	6.7	63
125	Photo-fermentative hydrogen gas production from dark fermentation effluent of ground wheat solution: Effects of light source and light intensity. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 1595-1603	6.7	52
124	Bio-hydrogen production from ground wheat starch by continuous combined fermentation using annular-hybrid bioreactor. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 6170-6178	6.7	58
123	Dark fermentation of acid hydrolyzed ground wheat starch for bio-hydrogen production by periodic feeding and effluent removal. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 9630-9636	6.7	12
122	Hydrogen gas production from electrohydrolysis of industrial wastewater organics by using photovoltaic cells (PVC)?. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 12761-12766	6.7	30
121	Comparison of bio-hydrogen production from hydrolyzed wheat starch by mesophilic and thermophilic dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 13214-13218	6.7	56
120	Effects of dark/light bacteria ratio on bio-hydrogen production by combined fed-batch fermentation of ground wheat starch. <i>Biomass and Bioenergy</i> , 2010 , 34, 869-874	5.3	24
119	COD, para-chlorophenol and toxicity removal from synthetic wastewater using rotating tubes biofilm reactor (RTBR). <i>Bioresource Technology</i> , 2010 , 101, 9020-4	11	14
118	Response Surface Analysis of Photo-Fenton Oxidation of Simazine. <i>Water Environment Research</i> , 2009 , 81, 735-742	2.8	6
117	Degradation and Mineralization of Simazine in Aqueous Solution by Ozone/Hydrogen Peroxide Advanced Oxidation. <i>Journal of Environmental Engineering, ASCE</i> , 2009 , 135, 1357-1364	2	12

116	Fermentation of cheese whey powder solution to ethanol in a packed-column bioreactor: effects of feed sugar concentration. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 106-111	3.5	17
115	High power generation with simultaneous COD removal using a circulating column microbial fuel cell. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 961-965	3.5	13
114	Biological treatment of 2,4,6-trichlorophenol (TCP) containing wastewater in a hybrid bioreactor system with effluent recycle. <i>Journal of Environmental Management</i> , 2009 , 90, 692-8	7.9	23
113	Removal of Cu(II) ions by biosorption onto powdered waste sludge (PWS) prior to biological treatment in an activated sludge unit: a statistical design approach. <i>Bioresource Technology</i> , 2009 , 100, 2348-54	11	10
112	Hydrogen gas production by electrohydrolysis of volatile fatty acid (VFA) containing dark fermentation effluent. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 262-269	6.7	47
111	Microbial culture selection for bio-hydrogen production from waste ground wheat by dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 2195-2200	6.7	63
110	Dark fermentation of ground wheat starch for bio-hydrogen production by fed-batch operation. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 2940-2946	6.7	45
109	Bio-hydrogen production from acid hydrolyzed wheat starch by photo-fermentation using different <i>Rhodobacter</i> sp. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 2201-2207	6.7	118
108	Hydrogen production by combined dark and light fermentation of ground wheat solution. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 4305-4311	6.7	49
107	Effects of the substrate and cell concentration on bio-hydrogen production from ground wheat by combined dark and photo-fermentation. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 6181-6188	6.7	72
106	Effects of sludge pre-treatment method on bio-hydrogen production by dark fermentation of waste ground wheat. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 8543-8548	6.7	56
105	A statistical experiment design approach for advanced oxidation of Direct Red azo-dye by photo-Fenton treatment. <i>Journal of Hazardous Materials</i> , 2009 , 162, 230-6	12.8	125
104	Advanced oxidation and mineralization of simazine using Fenton's reagent. <i>Journal of Hazardous Materials</i> , 2009 , 168, 688-94	12.8	41
103	2,4-Dichlorophenol (DCP) containing wastewater treatment using a hybrid-loop bioreactor. <i>Bioresource Technology</i> , 2009 , 100, 1459-62	11	15
102	Generalized rate equation for single-substrate enzyme catalyzed reactions. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 157-9	3.4	11
101	Biological Treatment of Cu(II) Containing Synthetic Wastewater in an Activated Sludge Unit: Copper(II) Ion Toxicity. <i>Environmental Engineering Science</i> , 2008 , 25, 1159-1166	2	3
100	Advanced Oxidation of Diuron by Photo-Fenton Treatment as a Function of Operating Parameters. <i>Journal of Environmental Engineering, ASCE</i> , 2008 , 134, 1006-1013	2	17
99	Advanced Oxidation of Direct Red (DR 28) by Fenton Treatment. <i>Environmental Engineering Science</i> , 2008 , 25, 1455-1462	2	21

98	COD, 2,4,6-trichlorophenol (TCP) and toxicity removal from synthetic wastewater in a rotating perforated-tubes biofilm reactor. <i>Journal of Hazardous Materials</i> , 2008 , 159, 306-12	12.8	14
97	Biological treatment of 2,4-dichlorophenol containing synthetic wastewater using a rotating brush biofilm reactor. <i>Bioresource Technology</i> , 2008 , 99, 2319-25	11	14
96	Biodegradation kinetics of 2,4,6-trichlorophenol by <i>Rhodococcus rhodochrous</i> in batch culture. <i>Enzyme and Microbial Technology</i> , 2008 , 43, 43-47	3.8	19
95	Ethanol production from cheese whey powder solution in a packed column bioreactor at different hydraulic residence times. <i>Biochemical Engineering Journal</i> , 2008 , 42, 180-185	4.2	57
94	Optimization of media composition for hydrogen gas production from hydrolyzed wheat starch by dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2008 , 33, 4083-4090	6.7	64
93	Light fermentation of dark fermentation effluent for bio-hydrogen production by different <i>Rhodobacter</i> species at different initial volatile fatty acid (VFA) concentrations. <i>International Journal of Hydrogen Energy</i> , 2008 , 33, 7405-7412	6.7	88
92	Kinetics of Zinc(II) Ion Biosorption onto Powdered Waste Sludge (PWS) at Different Operating Conditions. <i>Environmental Engineering Science</i> , 2007 , 24, 687-695	2	3
91	Biosorption of copper(II) ions onto powdered waste sludge in a completely mixed fed-batch reactor: estimation of design parameters. <i>Bioresource Technology</i> , 2007 , 98, 1155-62	11	26
90	Kinetics of batch ethanol fermentation of cheese-whey powder (CWP) solution as function of substrate and yeast concentrations. <i>Bioresource Technology</i> , 2007 , 98, 2978-84	11	70
89	Copper(II) ion toxicity in activated sludge processes as function of operating parameters. <i>Enzyme and Microbial Technology</i> , 2007 , 40, 1228-1233	3.8	29
88	Ethanol fermentation of cheese whey powder solution by repeated fed-batch operation. <i>Enzyme and Microbial Technology</i> , 2007 , 41, 169-174	3.8	47
87	Performance of a rotating brush biofilm reactor treating 2,4,6-trichlorophenol (TCP) containing synthetic wastewater. <i>Enzyme and Microbial Technology</i> , 2007 , 41, 466-473	3.8	2
86	Effects of feed sugar concentration on continuous ethanol fermentation of cheese whey powder solution (CWP). <i>Enzyme and Microbial Technology</i> , 2007 , 41, 876-880	3.8	55
85	Effects of operating parameters on kinetics of copper(II) ion biosorption onto pre-treated powdered waste sludge (PWS). <i>Enzyme and Microbial Technology</i> , 2007 , 42, 76-82	3.8	23
84	Determination of model parameters for zinc (II) ion biosorption onto powdered waste sludge (PWS) in a fed-batch system. <i>Journal of Environmental Management</i> , 2007 , 85, 883-90	7.9	13
83	Mathematical modelling of 4-chlorophenol inhibition on COD and 4-chlorophenol removals in an activated sludge unit. <i>Journal of Hazardous Materials</i> , 2007 , 143, 233-9	12.8	6
82	Performance of a hybrid-loop bioreactor system in biological treatment of 2,4,6-tri-chlorophenol containing synthetic wastewater: effects of hydraulic residence time. <i>Journal of Hazardous Materials</i> , 2007 , 144, 86-92	12.8	17
81	Mathematical modeling of copper(II) ion inhibition on COD removal in an activated sludge unit. <i>Journal of Hazardous Materials</i> , 2007 , 146, 372-7	12.8	21

80	Elimination of Cu(II) toxicity by powdered waste sludge (PWS) addition to an activated sludge unit treating Cu(II) containing synthetic wastewater. <i>Journal of Hazardous Materials</i> , 2007 , 148, 274-80	12.8	20
79	Continuous ethanol fermentation of cheese whey powder solution: effects of hydraulic residence time. <i>Bioprocess and Biosystems Engineering</i> , 2007 , 30, 79-86	3.7	21
78	Para-chlorophenol containing synthetic wastewater treatment in an activated sludge unit: effects of hydraulic residence time. <i>Journal of Environmental Management</i> , 2007 , 84, 20-6	7.9	25
77	Cu(II) Ion Recovery by Biosorption onto Powdered Waste Sludge (PWS) in a Fed-Batch Reactor: Particle Size Effects. <i>Separation Science and Technology</i> , 2007 , 42, 285-298	2.5	2
76	2,4,6 Tri-Chlorophenol Containing Wastewater Treatment Using a Hybrid-Loop Bioreactor System. <i>Journal of Environmental Engineering, ASCE</i> , 2007 , 133, 340-345	2	4
75	Optimal biofilm thickness for fluidised-bed biofilm reactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 32, 744-748		16
74	Effects of operating parameters on advanced oxidation of diuron by the Fenton's reagent: a statistical design approach. <i>Chemosphere</i> , 2007 , 69, 485-92	8.4	58
73	Zinc (II) ion recovery by biosorption onto powdered waste sludge (PWS): effects of operating conditions. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 1661-1668	3.5	16
72	Performance of an Activated Sludge Unit Treating Para-Chlorophenol-Containing Wastewater as Function of Sludge Age. <i>Environmental Engineering Science</i> , 2006 , 23, 705-711	2	1
71	Kinetic Modeling and Parameter Estimation for an Activated Sludge Unit Treating 2,4 Dichlorophenol Containing Synthetic Wastewater. <i>Environmental Engineering Science</i> , 2006 , 23, 263-271 ²		4
70	Impacts of COD and DCP loading rates on biological treatment of 2,4-dichlorophenol (DCP) containing wastewater in a perforated tubes biofilm reactor. <i>Chemosphere</i> , 2006 , 64, 1609-17	8.4	9
69	Hydraulic residence time effects on performance of an activated sludge unit treating wastewater containing dichlorophenol. <i>Water Environment Research</i> , 2006 , 78, 686-90	2.8	4
68	Kinetic modeling and parameter estimation in biological treatment of 2,4-dichlorophenol containing wastewater using rotating perforated tubes biofilm reactor. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 860-866	3.8	9
67	Effect of sludge age on performance of an activated sludge unit treating 2,4 dichlorophenol-containing synthetic wastewater. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 60-64	3.8	17
66	Bio-hydrogen production from waste materials. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 569-582	3.8	1141
65	Biosorption of zinc(II) ions onto powdered waste sludge (PWS): Kinetics and isotherms. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 705-710	3.8	53
64	Utilization of cheese whey powder (CWP) for ethanol fermentations: Effects of operating parameters. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 711-718	3.8	72
63	Removal of copper(II) ions from aqueous medium by biosorption onto powdered waste sludge. <i>Process Biochemistry</i> , 2006 , 41, 1047-1054	4.8	62

62	Utilization of powdered waste sludge (PWS) for removal of textile dyestuffs from wastewater by adsorption. <i>Journal of Environmental Management</i> , 2006 , 81, 307-14	7.9	28
61	COD, para-chlorophenol and toxicity removal from para-chlorophenol containing synthetic wastewater in an activated sludge unit. <i>Journal of Hazardous Materials</i> , 2006 , 132, 226-31	12.8	18
60	Biological treatment of para-chlorophenol containing synthetic wastewater using rotating brush biofilm reactor. <i>Journal of Hazardous Materials</i> , 2006 , 135, 365-71	12.8	13
59	Batch kinetics and isotherms for biosorption of copper(II) ions onto pre-treated powdered waste sludge (PWS). <i>Journal of Hazardous Materials</i> , 2006 , 138, 479-84	12.8	30
58	Improved Nutrient Removal from Saline Wastewater in an SBR by Halobacter Supplemented Activated Sludge. <i>Environmental Engineering Science</i> , 2005 , 22, 170-176	2	18
57	Removal of 2,4-dichlorophenol and toxicity from synthetic wastewater in a rotating perforated tube biofilm reactor. <i>Process Biochemistry</i> , 2005 , 40, 2105-2111	4.8	65
56	Comparison of adsorption performances of powdered activated sludge and powdered activated carbon for removal of turquoise blue dyestuff. <i>Process Biochemistry</i> , 2005 , 40, 2539-2544	4.8	29
55	Kinetics of 2,4-dichlorophenol degradation by <i>Pseudomonas putida</i> CP1 in batch culture. <i>International Biodeterioration and Biodegradation</i> , 2005 , 55, 25-28	4.8	29
54	para-Chlorophenol inhibition on COD, nitrogen and phosphate removal from synthetic wastewater in a sequencing batch reactor. <i>Bioresource Technology</i> , 2005 , 96, 1696-702	11	13
53	Phosphate uptake and release rates with different carbon sources in biological nutrient removal using a SBR. <i>Journal of Environmental Management</i> , 2005 , 76, 71-5	7.9	31
52	Biological treatment of synthetic wastewater containing 2,4 dichlorophenol (DCP) in an activated sludge unit. <i>Journal of Environmental Management</i> , 2005 , 76, 191-6	7.9	22
51	Biological Nutrient Removal from Synthetic Wastewater Containing 2,4 Dichlorophenol in a Sequencing Batch Reactor. <i>Environmental Engineering Science</i> , 2004 , 21, 569-574	2	1
50	Nutrient Removal in a Three-Step Sequencing Batch Reactor with Different Carbon Sources. <i>Water, Air, and Soil Pollution</i> , 2004 , 156, 71-82	2.6	8
49	Phenol inhibition of biological nutrient removal in a four-step sequencing batch reactor. <i>Process Biochemistry</i> , 2004 , 39, 2123-2128	4.8	34
48	Batch biological treatment of nitrogen deficient synthetic wastewater using <i>Azotobacter</i> supplemented activated sludge. <i>Bioresource Technology</i> , 2004 , 94, 113-7	11	27
47	Adsorbent supplemented biological treatment of pre-treated landfill leachate by fed-batch operation. <i>Bioresource Technology</i> , 2004 , 94, 285-91	11	61
46	Biological nutrient removal from pre-treated landfill leachate in a sequencing batch reactor. <i>Journal of Environmental Management</i> , 2004 , 71, 9-14	7.9	135
45	Salt inhibition on biological nutrient removal from saline wastewater in a sequencing batch reactor. <i>Enzyme and Microbial Technology</i> , 2004 , 34, 313-318	3.8	178

44	Hydraulic residence time effects in biological nutrient removal using five-step sequencing batch reactor. <i>Enzyme and Microbial Technology</i> , 2004 , 35, 167-172	3.8	10
43	Biosorption performance of powdered activated sludge for removal of different dyestuffs. <i>Enzyme and Microbial Technology</i> , 2004 , 35, 267-271	3.8	76
42	Toxicity and batch biodegradation kinetics of 2,4 dichlorophenol by pure <i>Pseudomonas putida</i> culture. <i>Enzyme and Microbial Technology</i> , 2004 , 35, 424-428	3.8	37
41	Powdered activated carbon added biological treatment of pre-treated landfill leachate in a fed-batch reactor. <i>Biotechnology Letters</i> , 2003 , 25, 695-9	3	18
40	Biological nutrient removal in sequencing batch reactor with different number of steps. <i>Clean Technologies and Environmental Policy</i> , 2003 , 6, 61-65	4.3	4
39	Performance of rotating perforated tubes biofilm reactor in biological wastewater treatment. <i>Enzyme and Microbial Technology</i> , 2003 , 32, 464-471	3.8	6
38	Aerobic biological treatment of pre-treated landfill leachate by fed-batch operation. <i>Enzyme and Microbial Technology</i> , 2003 , 33, 588-595	3.8	37
37	Nutrient removal performance of a five-step sequencing batch reactor as a function of wastewater composition. <i>Process Biochemistry</i> , 2003 , 38, 1039-1045	4.8	37
36	Nutrient loading rate effects on nutrient removal in a five-step sequencing batch reactor. <i>Process Biochemistry</i> , 2003 , 39, 507-512	4.8	10
35	Effect of carbon source on biological nutrient removal in a sequencing batch reactor. <i>Bioresource Technology</i> , 2003 , 89, 89-93	11	44
34	Simultaneous biodegradation and adsorption of textile dyestuff in an activated sludge unit. <i>Process Biochemistry</i> , 2002 , 37, 973-981	4.8	95
33	Comparison of performances of rotating perforated tubes and rotating biodiscs biofilm reactors for wastewater treatment. <i>Process Biochemistry</i> , 2002 , 37, 1201-1206	4.8	11
32	Empirical models for biological treatment of saline wastewater in rotating biodisc contactor. <i>Process Biochemistry</i> , 2002 , 38, 399-403	4.8	15
31	Biological decolorization of textile dyestuff containing wastewater by <i>Coriolus versicolor</i> in a rotating biological contactor. <i>Enzyme and Microbial Technology</i> , 2002 , 30, 195-199	3.8	102
30	Nutrient removal performance of a sequencing batch reactor as a function of the sludge age. <i>Enzyme and Microbial Technology</i> , 2002 , 31, 842-847	3.8	55
29	Wastewater Treatment Performance of Rotating Perforated Tubes Biofilm Reactor with Liquid Phase Aeration. <i>Water, Air, and Soil Pollution</i> , 2002 , 138, 375-386	2.6	8
28	Improved biological treatment of nitrogen-deficient wastewater by incorporation of N ₂ -fixing bacteria. <i>Biotechnology Letters</i> , 2002 , 24, 1281-1284	3	2
27	Enhanced biological treatment of saline wastewater by using halophilic bacteria. <i>Biotechnology Letters</i> , 2002 , 24, 1569-1572	3	32

26	Salt inhibition kinetics in nitrification of synthetic saline wastewater. <i>Enzyme and Microbial Technology</i> , 2001 , 28, 661-665	3.8	52
25	Rotating-Perforated-Tubes Biofilm Reactor for High-Strength Wastewater Treatment. <i>Journal of Environmental Engineering, ASCE</i> , 2001 , 127, 959-963	2	10
24	Kinetics of sequential nitrification and denitrification processes. <i>Enzyme and Microbial Technology</i> , 2000 , 27, 37-42	3.8	71
23	Decolorization of textile dyestuffs by a mixed bacterial consortium. <i>Biotechnology Letters</i> , 2000 , 22, 1179-1181	5.2	
22	Effects of operating parameters on performances of nitrification and denitrification processes. <i>Bioprocess and Biosystems Engineering</i> , 2000 , 23, 75-80	3.7	23
21	Salt Inhibition Effects in Biological Treatment of Saline Wastewater in RBC. <i>Journal of Environmental Engineering, ASCE</i> , 1999 , 125, 966-971	2	29
20	Saline Wastewater Treatment By Halophile-Supplemented Activated Sludge Culture in an Aerated Rotating Biodisc Contactor. <i>Enzyme and Microbial Technology</i> , 1998 , 22, 427-433	3.8	48
19	Biological Treatment of Saline Wastewater by Fed-Batch Operation. <i>Journal of Chemical Technology and Biotechnology</i> , 1997 , 69, 167-172	3.5	34
18	Effect of particle number density on wastewater treatment performance of a fluidized-bed bioreactor. <i>Enzyme and Microbial Technology</i> , 1996 , 19, 140-144	3.8	9
17	Effect of salt concentration on biological treatment of saline wastewater by fed-batch operation. <i>Enzyme and Microbial Technology</i> , 1996 , 19, 529-537	3.8	114
16	Rational design of metal mesh particles for biological fluidized bed reactors. <i>Journal of Chemical Technology and Biotechnology</i> , 1994 , 59, 201-204	3.5	6
15	Mathematical model for microbial oxidation of pure lead sulfide by <i>Thiobacillus ferrooxidans</i> . <i>Biotechnology and Bioengineering</i> , 1989 , 34, 487-95	4.9	5
14	Alkaloid formation by <i>Catharanthus roseus</i> cells in a packed column biofilm reactor. <i>Biotechnology Letters</i> , 1988 , 10, 181-186	3	13
13	Biological oxidation of thianthrene, thioxanthene and dibenzothiophene by the thermophilic organism <i>Sulfolobus acidocaldarius</i> . <i>Biotechnology Letters</i> , 1987 , 9, 478-482	3	19
12	Kinetic parameter estimation in microbial desulfurization of coal. <i>Biotechnology and Bioengineering</i> , 1987 , 30, 1063-6	4.9	7
11	Plant Cell Bioreactors: Present Status and Future Trends. <i>Biotechnology Progress</i> , 1987 , 3, 1-8	2.8	44
10	Removal of organic sulphur from bituminous coal. <i>Fuel</i> , 1986 , 65, 397-399	7.1	45
9	Microbial methods for desulfurization of coal. <i>Trends in Biotechnology</i> , 1986 , 4, 293-297	15.1	16

8	Solid-state fermentation of sweet sorghum to ethanol. <i>Biotechnology and Bioengineering</i> , 1985 , 27, 34-40.	4.9	57
7	Biological removal of pyritic sulfur from coal by the thermophilic organism <i>Sulfolobus acidocaldarius</i> . <i>Biotechnology and Bioengineering</i> , 1985 , 27, 41-9	4.9	57
6	Solid-state fermentation of sweet sorghum to ethanol in a rotary-drum fermentor. <i>Biotechnology and Bioengineering</i> , 1985 , 27, 1122-5	4.9	53
5	A dynamic mathematical model for microbial removal of pyritic sulfur from coal. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 604-12	4.9	27
4	Microbial oxidation of dibenzothiophene by the thermophilic organism <i>Sulfolobus acidocaldarius</i> . <i>Biotechnology and Bioengineering</i> , 1984 , 26, 687-90	4.9	53
3	Enhancement of microbial removal of pyritic sulfur from coal using concentrated cell suspension of <i>T. ferrooxidans</i> and an external carbon dioxide supply. <i>Biotechnology and Bioengineering</i> , 1982 , 24, 749-52.	4.9	28
2	Microbiological coal desulphurization. <i>Enzyme and Microbial Technology</i> , 1982 , 4, 13-19	3.8	56
1	Removal of Sulfur Compounds from Coal by the Thermophilic Organism <i>Sulfolobus acidocaldarius</i> . <i>Applied and Environmental Microbiology</i> , 1982 , 44, 878-83	4.8	50