

Fikret Kargi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10420789/fikret-kargi-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Bio-hydrogen production from waste materials. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 569-582	3.8	1141
150	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
149	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
148	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
147	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
146	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
145	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
144	Advanced oxidation of amoxicillin by Fenton's reagent treatment. <i>Journal of Hazardous Materials</i> , 2010 , 179, 622-7	12.8	102
143	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
142	Simultaneous biodegradation and adsorption of textile dyestuff in an activated sludge unit. <i>Process Biochemistry</i> , 2002 , 37, 973-981	4.8	95
141	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
140	Biosorption performance of powdered activated sludge for removal of different dyestuffs. <i>Enzyme and Microbial Technology</i> , 2004 , 35, 267-271	3.8	76
139	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
138	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
137	Kinetics of sequential nitrification and denitrification processes. <i>Enzyme and Microbial Technology</i> , 2000 , 27, 37-42	3.8	71
136	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
135	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

134	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
133	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
132	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
131	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
130	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
129	Adsorbent supplemented biological treatment of pre-treated landfill leachate by fed-batch operation. <i>Bioresource Technology</i> , 2004 , 94, 285-91	11	61
128	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
127	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
126	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
125	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
124	Solid-state fermentation of sweet sorghum to ethanol. <i>Biotechnology and Bioengineering</i> , 1985 , 27, 34-40	4.9	57
123	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
122	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
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	Microbiological coal desulphurization. <i>Enzyme and Microbial Technology</i> , 1982 , 4, 13-19	3.8	56
119	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
118	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
117	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

116	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
115	Microbial oxidation of dibenzothiophene by the thermophilic organism <i>Sulfolobus acidocaldarius</i> . <i>Biotechnology and Bioengineering</i> , 1984 , 26, 687-90	4.9	53
114	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
113	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
112	Salt inhibition kinetics in nitrification of synthetic saline wastewater. <i>Enzyme and Microbial Technology</i> , 2001 , 28, 661-665	3.8	52
111	Decolorization of textile dyestuffs by a mixed bacterial consortium. <i>Biotechnology Letters</i> , 2000 , 22, 1179-1181	5.2	
110	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
109	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
108	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
107	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
106	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
105	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
104	Removal of organic sulphur from bituminous coal. <i>Fuel</i> , 1986 , 65, 397-399	7.1	45
103	Effect of carbon source on biological nutrient removal in a sequencing batch reactor. <i>Bioresource Technology</i> , 2003 , 89, 89-93	11	44
102	Plant Cell Bioreactors: Present Status and Future Trends. <i>Biotechnology Progress</i> , 1987 , 3, 1-8	2.8	44
101	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
100	Advanced oxidation and mineralization of simazine using Fenton's reagent. <i>Journal of Hazardous Materials</i> , 2009 , 168, 688-94	12.8	41
99	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

98	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
97	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
96	Biological Treatment of Saline Wastewater by Fed-Batch Operation. <i>Journal of Chemical Technology and Biotechnology</i> , 1997 , 69, 167-172	3.5	34
95	Phenol inhibition of biological nutrient removal in a four-step sequencing batch reactor. <i>Process Biochemistry</i> , 2004 , 39, 2123-2128	4.8	34
94	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
93	Enhanced biological treatment of saline wastewater by using halophilic bacteria. <i>Biotechnology Letters</i> , 2002 , 24, 1569-1572	3	32
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	Salt Inhibition Effects in Biological Treatment of Saline Wastewater in RBC. <i>Journal of Environmental Engineering, ASCE</i> , 1999 , 125, 966-971	2	29
84	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
83	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
82	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
81	A dynamic mathematical model for microbial removal of pyritic sulfur from coal. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 604-12	4.9	27

80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	Effects of operating parameters on performances of nitrification and denitrification processes. <i>Bioprocess and Biosystems Engineering</i> , 2000 , 23, 75-80	3.7	23
68	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
67	Advanced Oxidation of Direct Red (DR 28) by Fenton Treatment. <i>Environmental Engineering Science</i> , 2008 , 25, 1455-1462	2	21
66	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
65	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
64	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
63	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

62	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
61	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
60	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
59	Improved Nutrient Removal from Saline Wastewater in an SBR by <i>Halobacter</i> Supplemented Activated Sludge. <i>Environmental Engineering Science</i> , 2005 , 22, 170-176	2	18
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	Optimal biofilm thickness for fluidised-bed biofilm reactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 32, 744-748		16
49	Microbial methods for desulfurization of coal. <i>Trends in Biotechnology</i> , 1986 , 4, 293-297	15.1	16
48	2,4-Dichlorophenol (DCP) containing wastewater treatment using a hybrid-loop bioreactor. <i>Bioresource Technology</i> , 2009 , 100, 1459-62	11	15
47	Empirical models for biological treatment of saline wastewater in rotating biodisc contactor. <i>Process Biochemistry</i> , 2002 , 38, 399-403	4.8	15
46	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
45	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

44	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
43	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
42	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
41	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
40	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
39	Alkaloid formation by <i>Catharanthus roseus</i> cells in a packed column biofilm reactor. <i>Biotechnology Letters</i> , 1988 , 10, 181-186	3	13
38	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
37	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
36	Generalized rate equation for single-substrate enzyme catalyzed reactions. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 157-9	3.4	11
35	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
34	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
33	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
32	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
31	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
30	Rotating-Perforated-Tubes Biofilm Reactor for High-Strength Wastewater Treatment. <i>Journal of Environmental Engineering, ASCE</i> , 2001 , 127, 959-963	2	10
29	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
28	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
27	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

26	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
25	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
24	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
23	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
22	Kinetic parameter estimation in microbial desulfurization of coal. <i>Biotechnology and Bioengineering</i> , 1987 , 30, 1063-6	4.9	7
21	Response Surface Analysis of Photo-Fenton Oxidation of Simazine. <i>Water Environment Research</i> , 2009 , 81, 735-742	2.8	6
20	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
19	Performance of rotating perforated tubes biofilm reactor in biological wastewater treatment. <i>Enzyme and Microbial Technology</i> , 2003 , 32, 464-471	3.8	6
18	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
17	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
16	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
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	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
13	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
12	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
11	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
10	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
9	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

8	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
7	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
6	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
5	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
4	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
3	Improved biological treatment of nitrogen-deficient wastewater by incorporation of N ₂ -fixing bacteria. <i>Biotechnology Letters</i> , 2002 , 24, 1281-1284	3	2
2	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
1	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