

Tunc Catal

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.

40 papers	983 citations	15 h-index	31 g-index
42 ext. papers	1,077 ext. citations	4.5 avg, IF	4.48 L-index

#	Paper	IF	Citations
40	Decolorization mechanisms of reactive yellow 145 and ponceau S in microbial fuel cells during simultaneous electricity production. <i>Main Group Chemistry</i> , 2022 , 1-13	0.6	
39	Enhanced hydrogen production by mevastatin in microbial electrolysis cells. <i>International Journal of Energy Research</i> , 2021 , 45, 13990-13998	4.5	
38	Removal of psychoactive pharmaceuticals from wastewaters using microbial electrolysis cells producing hydrogen. <i>Water Science and Technology</i> , 2021 , 84, 931-940	2.2	1
37	Effects of Mevastatin on Electricity Generation in Microbial Fuel Cells. <i>Polish Journal of Environmental Studies</i> , 2021 , 30, 5407-5412	2.3	2
36	Hydrogen production in single-chamber microbial electrolysis cells using Ponceau S dye. <i>3 Biotech</i> , 2021 , 11, 27	2.8	2
35	Bioelectricity generation using human neuronal-like cells in single chamber biofuel cells. <i>Journal of Cleaner Production</i> , 2020 , 271, 122505	10.3	4
34	Sensitive detection of iron (II) sulfate with a novel reagent using spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 240, 118631	4.4	2
33	Hydrogen Production by Algae 2020 , 425-445		
32	Dataset on Catala's reagent: Sensitive detection of iron (II) sulfate using spectrophotometry. <i>Data in Brief</i> , 2020 , 32, 106149	1.2	
31	Synthesis of Novel Schiff Base Cobalt (II) and Iron (III) Complexes as Cathode Catalysts for Microbial Fuel Cell Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 1110-1120	3.2	8
30	The effects of vitamins and selenium mixture against brain tissue induced by d-galactosamine. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22347	3.4	1
29	Efficacy of microbial fuel cells for sensing of cocaine metabolites in urine-based wastewater. <i>Journal of Power Sources</i> , 2019 , 414, 1-7	8.9	23
28	Removal of a cannabis metabolite from human urine in microbial fuel cells generating electricity. <i>Bioresource Technology Reports</i> , 2019 , 5, 121-126	4.1	14
27	A clean technology to convert sucrose and lignocellulose in microbial electrochemical cells into electricity and hydrogen. <i>Bioresource Technology Reports</i> , 2019 , 5, 331-334	4.1	17
26	Resin extract obtained from Cilician fir (<i>Abies Cilicica</i>) inhibits glucose dependent inflammation in vitro. <i>Journal of Experimental Therapeutics and Oncology</i> , 2019 , 13, 23-31	0.8	
25	The influence of selenium on expression levels of the gene in. <i>3 Biotech</i> , 2018 , 8, 189	2.8	6
24	Monitoring of neomycin sulfate antibiotic in microbial fuel cells. <i>Bioresource Technology</i> , 2018 , 268, 116-120		28

23	A combined treatment using ethylmethane sulfonate and ultraviolet light to compare amylase production by three <i>Bacillus</i> sp. isolates. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 815-822	2.4	3
22	Chemical and molecular characterization of metabolites from <i>Flavobacterium</i> sp. <i>PLoS ONE</i> , 2018 , 13, e0205817	3.7	14
21	Hydrogen production profiles using furans in microbial electrolysis cells. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 115	4.4	10
20	Apoptotic Effect of on Human Lymphoma U937 Cells. <i>Pharmacognosy Magazine</i> , 2017 , 13, S628-S632	0.8	7
19	Expression of Egfl7 and miRNA-126-5p in Symptomatic Carotid Artery Disease. <i>Genetic Testing and Molecular Biomarkers</i> , 2016 , 20, 125-9	1.6	4
18	Comparison of various carbohydrates for hydrogen production in microbial electrolysis cells. <i>Biotechnology and Biotechnological Equipment</i> , 2016 , 30, 75-80	1.6	15
17	Suppression of methanogenesis for hydrogen production in single-chamber microbial electrolysis cells using various antibiotics. <i>Bioresource Technology</i> , 2015 , 187, 77-83	11	68
16	Olive mill wastewater treatment in single-chamber air-cathode microbial fuel cells. <i>World Journal of Microbiology and Biotechnology</i> , 2014 , 30, 1177-85	4.4	29
15	Efficacy of single-chamber microbial fuel cells for removal of cadmium and zinc with simultaneous electricity production. <i>Water Research</i> , 2014 , 51, 228-33	12.5	166
14	Study of azo dye decolorization and determination of cathode microorganism profile in air-cathode microbial fuel cells. <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 2167-75	2.6	28
13	Utilization of mixed monosaccharides for power generation in microbial fuel cells. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 570-574	3.5	9
12	Electricity generation in single-chamber microbial fuel cells using a carbon source sampled from anaerobic reactors utilizing grass silage. <i>Bioresource Technology</i> , 2011 , 102, 404-10	11	27
11	Generation of electricity in microbial fuel cells at sub-ambient temperatures. <i>Journal of Power Sources</i> , 2011 , 196, 2676-2681	8.9	29
10	Protective effects of antioxidant combination against D-galactosamine-induced kidney injury in rats. <i>Cell Biochemistry and Function</i> , 2010 , 28, 107-13	4.2	4
9	Removal of selenite from wastewater using microbial fuel cells. <i>Biotechnology Letters</i> , 2009 , 31, 1211-6	3	90
8	Enhanced Production of Manganese-Peroxidase by the White-Rot Fungus <i>Bjerkandera Adusta</i> using Media Engineering. <i>Biotechnology and Biotechnological Equipment</i> , 2008 , 22, 844-848	1.6	8
7	Combination of selenium and three naturally occurring antioxidants administration protects D-galactosamine-induced liver injury in rats. <i>Biological Trace Element Research</i> , 2008 , 122, 127-36	4.5	15
6	Selenium induces manganese-dependent peroxidase production by the white-rot fungus <i>Bjerkandera adusta</i> (Willdenow) P. Karsten. <i>Biological Trace Element Research</i> , 2008 , 123, 211-7	4.5	15

5	Electricity production from twelve monosaccharides using microbial fuel cells. <i>Journal of Power Sources</i> , 2008 , 175, 196-200	8.9	196
4	Effects of furan derivatives and phenolic compounds on electricity generation in microbial fuel cells. <i>Journal of Power Sources</i> , 2008 , 180, 162-166	8.9	54
3	Electricity generation from polyalcohols in single-chamber microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2008 , 24, 855-60	11.8	83
2	Effects of Psychoactive Pharmaceuticals in Wastewater on Electricity Generation in Microbial Fuel Cells. <i>Clean - Soil, Air, Water</i> , 2100027	1.6	
1	Evaluation of Acetyl- and Butyrylcholinesterase Enzyme Inhibitory Activities and Cytotoxic Activities of Anthraquinone Derivatives. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 729-740	9.5	40