

# AnÄ±l Yakar

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

492  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of various filtration media on wastewater treatment and bioelectric production in up-flow constructed wetland combined with microbial fuel cell (UCW-MFC). <i>Ecological Engineering</i> , 2018, 117, 120-132.	3.6	100
2	Effect of vegetation type on treatment performance and bioelectric production of constructed wetland modules combined with microbial fuel cell (CW-MFC) treating synthetic wastewater. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8777-8792.	5.3	75
3	Assessment of <i>Lemna gibba</i> L. (duckweed) as a potential ecological indicator for contaminated aquatic ecosystem by boron mine effluent. <i>Ecological Indicators</i> , 2013, 29, 538-548.	6.3	66
4	The phytoremediation ability of a polyculture constructed wetland to treat boron from mine effluent. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 132-141.	12.4	53
5	A hybrid constructed wetland combined with microbial fuel cell for boron (B) removal and bioelectric production. <i>Ecological Engineering</i> , 2017, 102, 411-421.	3.6	49
6	Role of plants and vegetation structure on boron (B) removal process in constructed wetlands. <i>Ecological Engineering</i> , 2016, 88, 143-152.	3.6	35
7	Constructed Wetlands as Green Tools for Management of Boron Mine Wastewater. <i>International Journal of Phytoremediation</i> , 2014, 16, 537-553.	3.1	27
8	Bioaccumulation and toxicity assessment of irrigation water contaminated with boron (B) using duckweed ( <i>Lemna gibba</i> L.) in a batch reactor system. <i>Journal of Hazardous Materials</i> , 2017, 324, 151-159.	12.4	23
9	Phyto-management of boron mine effluent using native macrophytes in mono-culture and poly-culture constructed wetlands. <i>Ecological Engineering</i> , 2016, 94, 65-74.	3.6	18
10	Engineered wetland reactors with different media types to treat drinking water contaminated by boron (B). <i>Journal of Cleaner Production</i> , 2017, 168, 823-832.	9.3	16
11	Cost-effectiveness of boron (B) removal from irrigation water: an economic water treatment model (EWTM) for farmers to prevent boron toxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18777-18789.	5.3	8
12	Novel chitosan based smart cathode electrocatalysts for high power generation in plant based-sediment microbial fuel cells. <i>Carbohydrate Polymers</i> , 2020, 239, 116235.	10.2	7
13	Evaluation of an innovative approach based on prototype engineered wetland to control and manage boron (B) mine effluent pollution. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19302-19316.	5.3	6
14	Boron (B) removal and bioelectricity captured from irrigation water using engineered duckweed-microbial fuel cell: effect of plant species and vegetation structure. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31522-31536.	5.3	6
15	Boron removal with microcosm constructed wetlands (MCWs) with <i>Carex divisa</i> for treating contaminated river water. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	3