

Ola M Gomaa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Trichoderma viride bioactive peptaibol induces apoptosis in Aspergillus niger infecting tilapia in fish farms. Aquaculture, 2022, 547, 737474.	1.7	5
2	Bioremoval of PVP-coated silver nanoparticles using Aspergillus niger: the role of exopolysaccharides. Environmental Science and Pollution Research, 2022, 29, 31501-31510.	2.7	4
3	Bio-electrochemical frameworks governing microbial fuel cell performance: technical bottlenecks and proposed solutions. RSC Advances, 2022, 12, 5749-5764.	1.7	25
4	Electron transfer in Gram-positive bacteria: enhancement strategies for bioelectrochemical applications. World Journal of Microbiology and Biotechnology, 2022, 38, 83.	1.7	8
5	Promoting bacteria-anode interfacial electron transfer by palladium nano-complex in double chamber microbial fuel cell. Environmental Technology (United Kingdom), 2021, 42, 148-159.	1.2	6
6	Characterization of a biosurfactant producing electroactive Bacillus sp. for enhanced Microbial Fuel Cell dye decolourisation. Enzyme and Microbial Technology, 2021, 147, 109767.	1.6	14
7	Nitrate modulation of Bacillus sp. biofilm components: a proposed model for sustainable bioremediation. Biotechnology Letters, 2021, 43, 2185-2197.	1.1	9
8	Modification of bacterial cell membrane to accelerate decolorization of textile wastewater effluent using microbial fuel cells: role of gamma radiation. Journal of Radiation Research and Applied Sciences, 2020, 13, 373-382.	0.7	3
9	Efficacy of Gamma-irradiated Macroporous Microbial Biomat for Lead Removal: A Proposed Application to Aquacultures. Integrated Environmental Assessment and Management, 2020, 16, 508-516.	1.6	1
10	Impact of Climate Change on Plant-Associated Fungi. Springer Water, 2020, , 83-96.	0.2	5
11	In focus: microbial fuel cells, some considerations. Journal of Chemical Technology and Biotechnology, 2019, 94, 2069-2069.	1.6	0
12	Biocatalytic electrode improvement strategies in microbial fuel cell systems. Journal of Chemical Technology and Biotechnology, 2019, 94, 2081-2091.	1.6	25
13	Probing the mechanism of simultaneous bioenergy production and biodegradation process of Congo red in microbial fuel cells. Journal of Chemical Technology and Biotechnology, 2019, 94, 2092-2097.	1.6	14
14	Bacterial-mediated biodegradation of pentachlorophenol via electron shuttling. Environmental Technology (United Kingdom), 2019, 40, 2416-2424.	1.2	6
15	Biocompatible Water Soluble Polyacrylic Acid Coated CdSe/Cu Quantum Dot Conjugates for Biomolecule Detection. Journal of Fluorescence, 2018, 28, 41-49.	1.3	7
16	The role of riboflavin in decolourisation of Congo red and bioelectricity production using Shewanella oneidensis-MR1 under MFC and non-MFC conditions. World Journal of Microbiology and Biotechnology, 2017, 33, 56.	1.7	21
17	RNA Seq analysis of the role of calcium chloride stress and electron transport in mitochondria for malachite green decolorization by Aspergillus niger. Fungal Genetics and Biology, 2017, 105, 1-7.	0.9	8
18	Enhanced dephenolization using sequential biological and photocatalytic treatment. Polymer Bulletin, 2016, 73, 3271-3286.	1.7	2

#	ARTICLE	IF	CITATIONS
19	Mycoremediation with mycotoxin producers: a critical perspective. Applied Microbiology and Biotechnology, 2016, 100, 17-29.	1.7	20
20	Penicillium purpurogenum cultures under ethanol-induced stress and its correlation with fungal adhesion and biodegrading ability. Environmental Technology (United Kingdom), 2016, 37, 2580-2589.	1.2	0
21	Neutral red as a mediator for the enhancement of electricity production using a domestic wastewater double chamber microbial fuel cell. Annals of Microbiology, 2016, 66, 695-702.	1.1	16
22	Copper induction and differential expression of laccase in Aspergillus flavus. Brazilian Journal of Microbiology, 2015, 46, 285-292.	0.8	27
23	Optimization of double chamber microbial fuel cell for domestic wastewater treatment and electricity production. Journal of Fuel Chemistry and Technology, 2015, 43, 1092-1099.	0.9	24
24	Removal of silver nanoparticles using live and heat shock Aspergillus niger cultures. World Journal of Microbiology and Biotechnology, 2014, 30, 1747-1754.	1.7	5
25	Quantitative acoustic contrast tomography reveals unique multiscale physical fluctuations during aflatoxin synthesis in Aspergillus parasiticus. Fungal Genetics and Biology, 2014, 73, 61-68.	0.9	8
26	A Possible Role of Aspergillus niger Mitochondrial Cytochrome c in Malachite Green Reduction Under Calcium Chloride Stress. Cell Biochemistry and Biophysics, 2013, 67, 1291-1299.	0.9	1
27	Biochemical and Biophysical Response to Calcium Chloride Stress in Aspergillus niger and its Role in Malachite Green Degradation. Cell Biochemistry and Biophysics, 2013, 65, 413-423.	0.9	13
28	Aflatoxin inhibition in Aspergillus flavus for bioremediation purposes. Annals of Microbiology, 2013, , .	1.1	2
29	The role of ethanol in preventing biofilm formation of Penicillium purpurogenum. Annals of Microbiology, 2013, , .	1.1	0
30	Variation in adhesion and germ tube formation of oral <i>Candida</i> using Egyptian propolis. Canadian Journal of Microbiology, 2013, 59, 197-203.	0.8	10
31	Biological indicators, genetic polymorphism and expression in Aspergillus flavus under copper mediated stress. Journal of Radiation Research and Applied Sciences, 2013, 6, 49-55.	0.7	10
32	Ethanol induced response in Phanerochaete chrysosporium and its role in the decolorization of triarylmethane dye. Annals of Microbiology, 2012, 62, 1403-1409.	1.1	11
33	The involvement of acetic acid in programmed cell death for the elimination of Bacillus sp. used in bioremediation. Journal of Genetic Engineering and Biotechnology, 2012, 10, 185-192.	1.5	4
34	Assessment of the efficacy of Aspergillus sp. EL-2 in textile waste water treatment. Biodegradation, 2012, 23, 243-251.	1.5	12
35	Isolation, identification, and biochemical characterization of a brown rot fungus capable of textile dye decolorization. World Journal of Microbiology and Biotechnology, 2011, 27, 1641-1648.	1.7	6
36	Conversion of oil waste to valuable fatty acids using Oleaginous yeast. World Journal of Microbiology and Biotechnology, 2011, 27, 2791-2798.	1.7	54

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37	Decolorization of Victoria blue by the white rot fungus, <i>Phanerochaete chrysosporium</i> . World Journal of Microbiology and Biotechnology, 2008, 24, 2349-2356.	1.7	36