

# Ola M Gomaa

## List of Publications by Year in descending order

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37  
papers

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citations

840119

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794141

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41  
all docs

41  
docs citations

41  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of oil waste to valuable fatty acids using Oleaginous yeast. World Journal of Microbiology and Biotechnology, 2011, 27, 2791-2798.	1.7	54
2	Decolorization of Victoria blue by the white rot fungus, Phanerochaete chrysosporium. World Journal of Microbiology and Biotechnology, 2008, 24, 2349-2356.	1.7	36
3	Copper induction and differential expression of laccase in Aspergillus flavus. Brazilian Journal of Microbiology, 2015, 46, 285-292.	0.8	27
4	Biocatalytic electrode improvement strategies in microbial fuel cell systems. Journal of Chemical Technology and Biotechnology, 2019, 94, 2081-2091.	1.6	25
5	Bio-electrochemical frameworks governing microbial fuel cell performance: technical bottlenecks and proposed solutions. RSC Advances, 2022, 12, 5749-5764.	1.7	25
6	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
7	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
8	Mycoremediation with mycotoxin producers: a critical perspective. Applied Microbiology and Biotechnology, 2016, 100, 17-29.	1.7	20
9	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
10	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
11	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
12	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
13	Assessment of the efficacy of Aspergillus sp. EL-2 in textile waste water treatment. Biodegradation, 2012, 23, 243-251.	1.5	12
14	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
15	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
16	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
17	Nitrate modulation of Bacillus sp. biofilm components: a proposed model for sustainable bioremediation. Biotechnology Letters, 2021, 43, 2185-2197.	1.1	9
18	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

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19	RNA Seq analysis of the role of calcium chloride stress and electron transport in mitochondria for malachite green decolorization by <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2017, 105, 1-7.	0.9	8
20	Electron transfer in Gram-positive bacteria: enhancement strategies for bioelectrochemical applications. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 83.	1.7	8
21	Biocompatible Water Soluble Polyacrylic Acid Coated CdSe/Cu Quantum Dot Conjugates for Biomolecule Detection. <i>Journal of Fluorescence</i> , 2018, 28, 41-49.	1.3	7
22	Isolation, identification, and biochemical characterization of a brown rot fungus capable of textile dye decolorization. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1641-1648.	1.7	6
23	Bacterial-mediated biodegradation of pentachlorophenol via electron shuttling. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2416-2424.	1.2	6
24	Promoting bacteria-anode interfacial electron transfer by palladium nano-complex in double chamber microbial fuel cell. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 148-159.	1.2	6
25	Removal of silver nanoparticles using live and heat shock <i>Aspergillus niger</i> cultures. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1747-1754.	1.7	5
26	<i>Trichoderma viride</i> bioactive peptaibol induces apoptosis in <i>Aspergillus niger</i> infecting tilapia in fish farms. <i>Aquaculture</i> , 2022, 547, 737474.	1.7	5
27	Impact of Climate Change on Plant-Associated Fungi. <i>Springer Water</i> , 2020, , 83-96.	0.2	5
28	The involvement of acetic acid in programmed cell death for the elimination of <i>Bacillus</i> sp. used in bioremediation. <i>Journal of Genetic Engineering and Biotechnology</i> , 2012, 10, 185-192.	1.5	4
29	Bioremoval of PVP-coated silver nanoparticles using <i>Aspergillus niger</i> : the role of exopolysaccharides. <i>Environmental Science and Pollution Research</i> , 2022, 29, 31501-31510.	2.7	4
30	Modification of bacterial cell membrane to accelerate decolorization of textile wastewater effluent using microbial fuel cells: role of gamma radiation. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 373-382.	0.7	3
31	Aflatoxin inhibition in <i>Aspergillus flavus</i> for bioremediation purposes. <i>Annals of Microbiology</i> , 2013, , .	1.1	2
32	Enhanced dephenolization using sequential biological and photocatalytic treatment. <i>Polymer Bulletin</i> , 2016, 73, 3271-3286.	1.7	2
33	A Possible Role of <i>Aspergillus niger</i> Mitochondrial Cytochrome c in Malachite Green Reduction Under Calcium Chloride Stress. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 1291-1299.	0.9	1
34	Efficacy of Gamma-irradiated Macroporous Microbial Biomat for Lead Removal: A Proposed Application to Aquacultures. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 508-516.	1.6	1
35	The role of ethanol in preventing biofilm formation of <i>Penicillium purpurogenum</i> . <i>Annals of Microbiology</i> , 2013, , .	1.1	0
36	<i>Penicillium purpurogenum</i> cultures under ethanol-induced stress and its correlation with fungal adhesion and biodegrading ability. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2580-2589.	1.2	0

#	ARTICLE	IF	CITATIONS
37	In focus: microbial fuel cells, some considerations. Journal of Chemical Technology and Biotechnology, 2019, 94, 2069-2069.	1.6	0