

Amr Fouda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9019887/publications.pdf>

Version: 2024-02-01

67
papers

5,139
citations

81839

39
h-index

106281

65
g-index

68
all docs

68
docs citations

68
times ranked

2429
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalization of magnetic chitosan microparticles for high-performance removal of chromate from aqueous solutions and tannery effluent. <i>Chemical Engineering Journal</i> , 2022, 428, 131775.	6.6	60
2	Synthesis and characterization of the novel pyrimidineâ€™s derivatives, as a promising tool for antimicrobial agent and in-vitro cytotoxicity. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2279-2296.	1.2	12
3	Functionalized biobased composite for metal decontamination â€™ Insight on uranium and application to water samples collected from wells in mining areas (Sinai, Egypt). <i>Chemical Engineering Journal</i> , 2022, 431, 133967.	6.6	34
4	U(VI) and Th(IV) recovery using silica beads functionalized with urea- or thiourea-based polymers â€™ Application to ore leachate. <i>Science of the Total Environment</i> , 2022, 821, 153184.	3.9	37
5	Enhanced Antimicrobial, Cytotoxicity, Larvicidal, and Repellence Activities of Brown Algae, <i>Cystoseira crinita</i> -Mediated Green Synthesis of Magnesium Oxide Nanoparticles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 849921.	2.0	59
6	Grafting of Thiazole Derivative on Chitosan Magnetite Nanoparticles for Cadmium Removalâ€™ Application for Groundwater Treatment. <i>Polymers</i> , 2022, 14, 1240.	2.0	18
7	Photocatalytic Efficacy of Heterocyclic Base Grafted Chitosan Magnetite Nanoparticles on Sorption of Pb(II); Application on Mining Effluent. <i>Catalysts</i> , 2022, 12, 330.	1.6	10
8	Synthesis and characterization of new functionalized chitosan and its antimicrobial and in-vitro release behavior from topical gel. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 242-253.	3.6	36
9	Mycosynthesis, Characterization, and Mosquitocidal Activity of Silver Nanoparticles Fabricated by <i>Aspergillus niger</i> Strain. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 396.	1.5	22
10	<i>Aspergillus flavus</i> -Mediated Green Synthesis of Silver Nanoparticles and Evaluation of Their Antibacterial, Anti-Candida, Acaricides, and Photocatalytic Activities. <i>Catalysts</i> , 2022, 12, 462.	1.6	32
11	Synthesis and Characterization of Functionalized Chitosan Nanoparticles with Pyrimidine Derivative for Enhancing Ion Sorption and Application for Removal of Contaminants. <i>Materials</i> , 2022, 15, 4676.	1.3	17
12	Phyco-Synthesized Zinc Oxide Nanoparticles Using Marine Macroalgae, <i>Ulva fasciata</i> Delile, Characterization, Antibacterial Activity, Photocatalysis, and Tanning Wastewater Treatment. <i>Catalysts</i> , 2022, 12, 756.	1.6	32
13	Light enhanced the antimicrobial, anticancer, and catalytic activities of selenium nanoparticles fabricated by endophytic fungal strain, <i>Penicillium crustosum</i> EP-1. <i>Scientific Reports</i> , 2022, 12, .	1.6	46
14	Antibacterial, Cytotoxicity and Larvicidal Activity of Green Synthesized Selenium Nanoparticles Using <i>Penicillium corylophilum</i> . <i>Journal of Cluster Science</i> , 2021, 32, 351-361.	1.7	131
15	Green Approach to Overcome the Resistance Pattern of <i>Candida</i> spp. Using Biosynthesized Silver Nanoparticles Fabricated by <i>Penicillium chrysogenum</i> F9. <i>Biological Trace Element Research</i> , 2021, 199, 800-811.	1.9	70
16	Green Synthesis of Metallic Nanoparticles and Their Prospective Biotechnological Applications: an Overview. <i>Biological Trace Element Research</i> , 2021, 199, 344-370.	1.9	606
17	An eco-friendly approach to textile and tannery wastewater treatment using maghemite nanoparticles (γ -Fe ₂ O ₃ -NPs) fabricated by <i>Penicillium expansum</i> strain (K-w). <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104693.	3.3	92
18	Subsequent improvement of lactic acid production from beet molasses by <i>Enterococcus hirae</i> ds10 using different fermentation strategies. <i>Bioresource Technology Reports</i> , 2021, 13, 100617.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Evaluating the Effect of Lignocellulose-Derived Microbial Inhibitors on the Growth and Lactic Acid Production by <i>Bacillus coagulans</i> Azu-10. <i>Fermentation</i> , 2021, 7, 17.	1.4	16
20	Plant Growth-Promoting Endophytic Bacterial Community Inhabiting the Leaves of <i>Pulicaria incisa</i> (Lam.) DC Inherent to Arid Regions. <i>Plants</i> , 2021, 10, 76.	1.6	76
21	Catalytic degradation of wastewater from the textile and tannery industries by green synthesized hematite (\pm -Fe ₂ O ₃) and magnesium oxide (MgO) nanoparticles. <i>Current Research in Biotechnology</i> , 2021, 3, 29-41.	1.9	85
22	Isolation and Characterization of Fungal Endophytes Isolated from Medicinal Plant <i>Ephedra pachyclada</i> as Plant Growth-Promoting. <i>Biomolecules</i> , 2021, 11, 140.	1.8	87
23	The Efficacy of Silver Nitrate (AgNO ₃) as a Coating Agent to Protect Paper against High Deteriorating Microbes. <i>Catalysts</i> , 2021, 11, 310.	1.6	23
24	Antimicrobial and In Vitro Cytotoxic Efficacy of Biogenic Silver Nanoparticles (Ag-NPs) Fabricated by Callus Extract of <i>Solanum incanum</i> L. <i>Biomolecules</i> , 2021, 11, 341.	1.8	68
25	Biological Treatment of Real Textile Effluent Using <i>Aspergillus flavus</i> and <i>Fusarium oxysporium</i> and Their Consortium along with the Evaluation of Their Phytotoxicity. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1075.	1.7	1075
26	Efficacy Assessment of Biosynthesized Copper Oxide Nanoparticles (CuO-NPs) on Stored Grain Insects and Their Impacts on Morphological and Physiological Traits of Wheat (<i>Triticum aestivum</i> L.) Plant. <i>Biology</i> , 2021, 10, 233.	1.3	109
27	Phosphorylation of Guar Gum/Magnetite/Chitosan Nanocomposites for Uranium (VI) Sorption and Antibacterial Applications. <i>Molecules</i> , 2021, 26, 1920.	1.7	68
28	Synthesis of Eco-Friendly Biopolymer, Alginate-Chitosan Composite to Adsorb the Heavy Metals, Cd(II) and Pb(II) from Contaminated Effluents. <i>Materials</i> , 2021, 14, 2189.	1.3	52
29	Comparative Study between Exogenously Applied Plant Growth Hormones versus Metabolites of Microbial Endophytes as Plant Growth-Promoting for <i>Phaseolus vulgaris</i> L.. <i>Cells</i> , 2021, 10, 1059.	1.8	61
30	An Eco-Friendly Approach to the Control of Pathogenic Microbes and <i>Anopheles stephensi</i> Malarial Vector Using Magnesium Oxide Nanoparticles (Mg-NPs) Fabricated by <i>Penicillium chrysogenum</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5096.	1.8	54
31	Harnessing Bacterial Endophytes for Promotion of Plant Growth and Biotechnological Applications: An Overview. <i>Plants</i> , 2021, 10, 935.	1.6	100
32	<i>Rhizopus oryzae</i> -Mediated Green Synthesis of Magnesium Oxide Nanoparticles (MgO-NPs): A Promising Tool for Antimicrobial, Mosquitocidal Action, and Tanning Effluent Treatment. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 372.	1.5	100
33	The Catalytic Activity of Biosynthesized Magnesium Oxide Nanoparticles (MgO-NPs) for Inhibiting the Growth of Pathogenic Microbes, Tanning Effluent Treatment, and Chromium Ion Removal. <i>Catalysts</i> , 2021, 11, 821.	1.6	88
34	Use of Corn-Steep Water Effluent as a Promising Substrate for Lactic Acid Production by <i>Enterococcus faecium</i> Strain WH51-1. <i>Fermentation</i> , 2021, 7, 111.	1.4	15
35	Photocatalytic degradation of real textile and tannery effluent using biosynthesized magnesium oxide nanoparticles (MgO-NPs), heavy metal adsorption, phytotoxicity, and antimicrobial activity. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105346.	3.3	144
36	Evaluate the Toxicity of Pyrethroid Insecticide Cypermethrin before and after Biodegradation by <i>Lysinibacillus cresolivorans</i> Strain HIS7. <i>Plants</i> , 2021, 10, 1903.	1.6	13

#	ARTICLE	IF	CITATIONS
37	Green Synthesis of Zinc Oxide Nanoparticles (ZnO-NPs) Using <i>Arthrospira platensis</i> (Class:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.9	165
38	Integration of Cotton Fabrics with Biosynthesized CuO Nanoparticles for Bactericidal Activity in the Terms of Their Cytotoxicity Assessment. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 1553-1563.	1.8	107
39	Biotechnological application of plant growth-promoting endophytic bacteria isolated from halophytic plants to ameliorate salinity tolerance of <i>Vicia faba</i> L.. <i>Plant Biotechnology Reports</i> , 2021, 15, 819-843.	0.9	34
40	Green Synthesis of Zinc Oxide Nanoparticles (ZnO-NPs) by <i>Pseudomonas aeruginosa</i> and Their Activity against Pathogenic Microbes and Common House Mosquito, <i>Culex pipiens</i> . <i>Materials</i> , 2021, 14, 6983.	1.3	44
41	Implication of plant growth-promoting rhizobacteria of <i>Bacillus</i> spp. as biocontrol agents against wilt disease caused by <i>Fusarium oxysporum</i> Schlecht. in <i>Vicia faba</i> L.. <i>Biomolecular Concepts</i> , 2021, 12, 197-214.	1.0	16
42	Plant growth-promoting properties of bacterial endophytes isolated from roots of <i>Thymus vulgaris</i> L. and investigate their role as biofertilizers to enhance the essential oil contents. <i>Biomolecular Concepts</i> , 2021, 12, 175-196.	1.0	22
43	The Potency of Fungal-Fabricated Selenium Nanoparticles to Improve the Growth Performance of <i>Helianthus annuus</i> L. and Control of Cutworm <i>Agrotis ipsilon</i> . <i>Catalysts</i> , 2021, 11, 1551.	1.6	40
44	Antimicrobial, Antioxidant and Larvicidal Activities of Spherical Silver Nanoparticles Synthesized by Endophytic <i>Streptomyces</i> spp.. <i>Biological Trace Element Research</i> , 2020, 195, 707-724.	1.9	125
45	Multifunctional cellulose nanocrystal /metal oxide hybrid, photo-degradation, antibacterial and larvicidal activities. <i>Carbohydrate Polymers</i> , 2020, 230, 115711.	5.1	115
46	Endophytic <i>Streptomyces laurentii</i> Mediated Green Synthesis of Ag-NPs with Antibacterial and Anticancer Properties for Developing Functional Textile Fabric Properties. <i>Antibiotics</i> , 2020, 9, 641.	1.5	120
47	Optimization of green biosynthesized visible light active CuO/ZnO nano-photocatalysts for the degradation of organic methylene blue dye. <i>Heliyon</i> , 2020, 6, e04896.	1.4	131
48	Bactericidal and In-Vitro Cytotoxic Efficacy of Silver Nanoparticles (Ag-NPs) Fabricated by Endophytic Actinomycetes and Their Use as Coating for the Textile Fabrics. <i>Nanomaterials</i> , 2020, 10, 2082.	1.9	148
49	Isolation and Characterization of Plant Growth Promoting Endophytic Bacteria from Desert Plants and Their Application as Bioinoculants for Sustainable Agriculture. <i>Agronomy</i> , 2020, 10, 1325.	1.3	105
50	Multifunctional properties of spherical silver nanoparticles fabricated by different microbial taxa. <i>Heliyon</i> , 2020, 6, e03943.	1.4	104
51	Role of Endophytes in Plant Health and Abiotic Stress Management. , 2019, , 119-144.		42
52	Eco-friendly approach utilizing green synthesized nanoparticles for paper conservation against microbes involved in biodeterioration of archaeological manuscript. <i>International Biodeterioration and Biodegradation</i> , 2019, 142, 160-169.	1.9	96
53	The Interaction Between Plants and Bacterial Endophytes Under Salinity Stress. <i>Reference Series in Phytochemistry</i> , 2019, , 591-607.	0.2	13
54	Monitoring the effect of biosynthesized nanoparticles against biodeterioration of cellulose-based materials by <i>Aspergillus niger</i> . <i>Cellulose</i> , 2019, 26, 6583-6597.	2.4	61

#	ARTICLE	IF	CITATIONS
55	Endophytic actinomycetes <i>Streptomyces</i> spp mediated biosynthesis of copper oxide nanoparticles as a promising tool for biotechnological applications. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 377-393.	1.1	236
56	Fungal strain impacts the shape, bioactivity and multifunctional properties of green synthesized zinc oxide nanoparticles. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101103.	1.5	173
57	Biological decolorization of azo dyes from textile wastewater effluent by <i>Aspergillus niger</i> . <i>Egyptian Journal of Chemistry</i> , 2019, .	0.1	10
58	Green approach for one-pot synthesis of silver nanorod using cellulose nanocrystal and their cytotoxicity and antibacterial assessment. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 784-792.	3.6	66
59	Groundwater Purification in a Polymetallic Mining Area (SW Sinai, Egypt) Using Functionalized Magnetic Chitosan Particles. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	12
60	In-Vitro cytotoxicity, antibacterial, and UV protection properties of the biosynthesized Zinc oxide nanoparticles for medical textile applications. <i>Microbial Pathogenesis</i> , 2018, 125, 252-261.	1.3	213
61	New approach for antimicrobial activity and bio-control of various pathogens by biosynthesized copper nanoparticles using endophytic actinomycetes. <i>Journal of Radiation Research and Applied Sciences</i> , 2018, 11, 262-270.	0.7	149
62	Enhancing of cotton fabric antibacterial properties by silver nanoparticles synthesized by new Egyptian strain <i>Fusarium keratoplasticum</i> A1-3.. <i>Egyptian Journal of Chemistry</i> , 2017, 60, 4-7.	0.1	34
63	Extracellular Biosynthesis of Silver Nanoparticles Using <i>Aspergillus</i> sp. and Evaluation of their Antibacterial and Cytotoxicity. <i>Journal of Applied Life Sciences International</i> , 2017, 11, 1-12.	0.2	37
64	Silver Nanoparticles: Biosynthesis, Characterization and Application on Cotton Fabrics. <i>Microbiology Research Journal International</i> , 2017, 20, 1-14.	0.2	8
65	Decolorization of Different Azo Dyes and Detoxification of Dyeing Wastewater by <i>Pseudomonas stutzeri</i> (SB_13) Isolated from Textile Dyes Effluent. <i>British Biotechnology Journal</i> , 2016, 15, 1-18.	0.4	6
66	Isolation and Identification of Bacterial Species Associated with Non- Biting Flies in Egypt. <i>Egyptian Academic Journal of Biological Sciences</i> , 2016, 9, 37-45.	0.1	0
67	Biotechnological applications of fungal endophytes associated with medicinal plant <i>Asclepias sinaica</i> (Bioss.). <i>Annals of Agricultural Sciences</i> , 2015, 60, 95-104.	1.1	171