

Mohamed Ahmed Awad

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,252
citations

623734

14
h-index

888059

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g-index

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docs citations

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times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Applications of CdS/TiO ₂ Nanocomposites Synthesized via Microwave-Assisted Sol-Gel. <i>Journal of Cluster Science</i> , 2022, 33, 1119-1128.	3.3	33
2	Enhancement of photocatalytic and biological activities of chitosan/activated carbon incorporated with TiO ₂ nanoparticles. <i>Environmental Science and Pollution Research</i> , 2022, 29, 18189-18201.	5.3	11
3	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.	4.1	59
4	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.	3.5	22
5	<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.	3.5	32
6	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.	3.3	131
7	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.	3.0	16
8	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.	3.5	76
9	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.	4.1	54
10	<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.	3.5	100
11	Evaluate the Toxicity of Pyrethroid Insecticide Cypermethrin before and after Biodegradation by <i>Lysinibacillus cresolivorans</i> Strain HIS7. <i>Plants</i> , 2021, 10, 1903.	3.5	13
12	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.	3.5	40
13	Multifunctional cellulose nanocrystal /metal oxide hybrid, photo-degradation, antibacterial and larvicidal activities. <i>Carbohydrate Polymers</i> , 2020, 230, 115711.	10.2	115
14	Multifunctional properties of spherical silver nanoparticles fabricated by different microbial taxa. <i>Heliyon</i> , 2020, 6, e03943.	3.2	104
15	Monitoring the effect of biosynthesized nanoparticles against biodeterioration of cellulose-based materials by <i>Aspergillus niger</i> . <i>Cellulose</i> , 2019, 26, 6583-6597.	4.9	61
16	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.	2.6	236
17	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.	1.2	149