Salem S Salem

List of Publications by Year
in descending order

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46 papers	4,091 citations	136885 32 h-index	223716 46 g-index
47 all docs	47 docs citations	47 times ranked	1812 citing authors

#	Article	IF	Citations
1	Green Synthesis of Metallic Nanoparticles and Their Prospective Biotechnological Applications: an Overview. Biological Trace Element Research, 2021, 199, 344-370.	1.9	606
2	Endophytic actinomycetes Streptomyces spp mediated biosynthesis of copper oxide nanoparticles as a promising tool for biotechnological applications. Journal of Biological Inorganic Chemistry, 2019, 24, 377-393.	1.1	236
3	In-Vitro cytotoxicity, antibacterial, and UV protection properties of the biosynthesized Zinc oxide nanoparticles for medical textile applications. Microbial Pathogenesis, 2018, 125, 252-261.	1.3	213
4	Fungal strain impacts the shape, bioactivity and multifunctional properties of green synthesized zinc oxide nanoparticles. Biocatalysis and Agricultural Biotechnology, 2019, 19, 101103.	1.5	173
5	New approach for antimicrobial activity and bio-control of various pathogens by biosynthesized copper nanoparticles using endophytic actinomycetes. Journal of Radiation Research and Applied Sciences, 2018, 11, 262-270.	0.7	149
6	Bactericidal and In-Vitro Cytotoxic Efficacy of Silver Nanoparticles (Ag-NPs) Fabricated by Endophytic Actinomycetes and Their Use as Coating for the Textile Fabrics. Nanomaterials, 2020, 10, 2082.	1.9	148
7	Eco-friendly Mycogenic Synthesis of ZnO and CuO Nanoparticles for In Vitro Antibacterial, Antibiofilm, and Antifungal Applications. Biological Trace Element Research, 2021, 199, 2788-2799.	1.9	135
8	Optimization of green biosynthesized visible light active CuO/ZnO nano-photocatalysts for the degradation of organic methylene blue dye. Heliyon, 2020, 6, e04896.	1.4	131
9	Antibacterial, Cytotoxicity and Larvicidal Activity of Green Synthesized Selenium Nanoparticles Using Penicillium corylophilum. Journal of Cluster Science, 2021, 32, 351-361.	1.7	131
10	Endophytic Streptomyces laurentii Mediated Green Synthesis of Ag-NPs with Antibacterial and Anticancer Properties for Developing Functional Textile Fabric Properties. Antibiotics, 2020, 9, 641.	1.5	120
11	Multifunctional cellulose nanocrystal /metal oxide hybrid, photo-degradation, antibacterial and larvicidal activities. Carbohydrate Polymers, 2020, 230, 115711.	5.1	115
12	Efficacy Assessment of Biosynthesized Copper Oxide Nanoparticles (CuO-NPs) on Stored Grain Insects and Their Impacts on Morphological and Physiological Traits of Wheat (Triticum aestivum L.) Plant. Biology, 2021, 10, 233.	1.3	109
13	Ecofriendly novel synthesis of tertiary composite based on cellulose and myco-synthesized selenium nanoparticles: Characterization, antibiofilm and biocompatibility. International Journal of Biological Macromolecules, 2021, 175, 294-303.	3.6	108
14	Integration of Cotton Fabrics with Biosynthesized CuO Nanoparticles for Bactericidal Activity in the Terms of Their Cytotoxicity Assessment. Industrial & Engineering Chemistry Research, 2021, 60, 1553-1563.	1.8	107
15	Multifunctional properties of spherical silver nanoparticles fabricated by different microbial taxa. Heliyon, 2020, 6, e03943.	1.4	104
16	Harnessing Bacterial Endophytes for Promotion of Plant Growth and Biotechnological Applications: An Overview. Plants, 2021, 10, 935.	1.6	100
17	Eco-friendly approach utilizing green synthesized nanoparticles for paper conservation against microbes involved in biodeterioration of archaeological manuscript. International Biodeterioration and Biodegradation, 2019, 142, 160-169.	1.9	96
18	Biomedical Applications of Mycosynthesized Selenium Nanoparticles Using Penicillium expansum ATTC 36200. Biological Trace Element Research, 2021, 199, 3998-4008.	1.9	94

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19	Bio-callus synthesis of silver nanoparticles, characterization, and antibacterial activities via Cinnamomum camphora callus culture. Biocatalysis and Agricultural Biotechnology, 2020, 27, 101689.	1.5	92
20	The Catalytic Activity of Biosynthesized Magnesium Oxide Nanoparticles (MgO-NPs) for Inhibiting the Growth of Pathogenic Microbes, Tanning Effluent Treatment, and Chromium Ion Removal. Catalysts, 2021, 11, 821.	1.6	88
21	Green and ecofriendly biosynthesis of selenium nanoparticles using Urtica dioica (stinging) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	79
22	Pseudomonas indica-Mediated Silver Nanoparticles: Antifungal and Antioxidant Biogenic Tool for Suppressing Mucormycosis Fungi. Journal of Fungi (Basel, Switzerland), 2022, 8, 126.	1.5	78
23	Potential of biosynthesized zinc oxide nanoparticles to control Fusarium wilt disease in eggplant (Solanum melongena) and promote plant growth. BioMetals, 2022, 35, 601-616.	1.8	77
24	Bio-fabrication of Selenium Nanoparticles Using Bakerâ€™s Yeast Extract and Its Antimicrobial Efficacy on Food Borne Pathogens. Applied Biochemistry and Biotechnology, 2022, 194, 1898-1910.	1.4	74
25	Evaluation and characterization of some protective culture metabolites in free and nano-chitosan-loaded forms against common contaminants of Egyptian cheese. Carbohydrate Polymers, 2019, 223, 115094.	5.1	70
26	Green Biosynthesis of Selenium Nanoparticles Using Orange Peel Waste: Characterization, Antibacterial and Antibiofilm Activities against Multidrug-Resistant Bacteria. Life, 2022, 12, 893.	1.1	70
27	Ecofriendly synthesis of silver nanoparticles using Kei-apple (Dovyalis caffra) fruit and their efficacy against cancer cells and clinical pathogenic microorganisms. Arabian Journal of Chemistry, 2022, 15, 103927.	2.3	68
28	A New Facile Strategy for Multifunctional Textiles Development through In Situ Deposition of SiO₂/TiO₂ Nanosols Hybrid. Industrial & Engineering Chemistry Research, 2019, 58, 20203-20212.	1.8	60
29	Multifunctional Silver Nanoparticles Based on Chitosan: Antibacterial, Antibiofilm, Antifungal, Antioxidant, and Wound-Healing Activities. Journal of Fungi (Basel, Switzerland), 2022, 8, 612.	1.5	59
30	Biological Treatment of Real Textile Effluent Using Aspergillus flavus and Fusarium oxysporium and Their Consortium along with the Evaluation of Their Phytotoxicity. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td	1.5	56
31	Synthesis of Chitosan-Based Gold Nanoparticles: Antimicrobial and Wound-Healing Activities. Polymers, 2022, 14, 2293.	2.0	53
32	Role of Endophytes in Plant Health and Abiotic Stress Management. , 2019, , 119-144.		42
33	Extracellular Biosynthesis of Silver Nanoparticles Using Aspergillus sp. and Evaluation of their Antibacterial and Cytotoxicity. Journal of Applied Life Sciences International, 2017, 11, 1-12.	0.2	37
34	Enhancing of cotton fabric antibacterial properties by silver nanoparticles synthesized by new Egyptian strain Fusarium keratoplasticum A1-3.. Egyptian Journal of Chemistry, 2017, 60, 4-7.	0.1	34
35	Multiple Applications of CdS/TiO2 Nanocomposites Synthesized via Microwave-Assisted Solâ€“Gel. Journal of Cluster Science, 2022, 33, 1119-1128.	1.7	33
36	Current Advances in Fungal Nanobiotechnology: Mycofabrication and Applications. Materials Horizons, 2021, , 113-143.	0.3	20

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37	A new strategy to integrate silver nanowires with waterborne coating to improve their antimicrobial and antiviral properties. Pigment and Resin Technology, 2023, 52, 490-501.	0.5	18
38	Use of Corn-Steep Water Effluent as a Promising Substrate for Lactic Acid Production by Enterococcus faecium Strain WH51-1. Fermentation, 2021, 7, 111.	1.4	15
39	Cu (II), Zn (II), and Ce (III) metal complexes as antimicrobial pigments for surface coating and flexographic ink. Applied Organometallic Chemistry, 2021, 35, e6196.	1.7	13
40	Purpureocillium lilacinum Mediated Biosynthesis Copper Oxide Nanoparticles with Promising Removal of Dyes. Biointerface Research in Applied Chemistry, 2021, 12, 1397-1404.	1.0	13
41	Statistical Optimization, Partial Purification, and Characterization of Phytase Produced from Talaromyces purpureogenus NSA20 Using Potato Peel Waste and its Application in Dyes De-colorization. Biointerface Research in Applied Chemistry, 2021, 12, 4417-4431.	1.0	13
42	Biological decolorization of azo dyes from textile wastewater effluent by Aspergillus niger. Egyptian Journal of Chemistry, 2019, .	0.1	10
43	Novel antimicrobial paint based on binary and ternary dioxouranium (VI) complexes for surface coating applications. Progress in Organic Coatings, 2021, 151, 106027.	1.9	8
44	Isolation, Identification and Antibiotic Susceptibility Pattern of Urinary Tract Infection Bacterial Isolates. Letters in Applied NanoBioScience, 2021, 10, 2820-2830.	0.5	8
45	Preparation and evaluation of antimicrobial thiadiazol azo disperse dyes as colored materials in digital transfer printing ink for printing onto polyester fabric. Pigment and Resin Technology, 2023, 52, 19-32.	0.5	7
46	New coating formulation based on synthesized benzodiazepine derivatives as double function additives for industrial application. Pigment and Resin Technology, 2022, 51, 581-599.	0.5	2