

Kadaikunnan Shine

List of Publications by Year in descending order

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137
papers

3,677
citations

172207

29
h-index

189595

50
g-index

140
all docs

140
docs citations

140
times ranked

4066
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile green synthesis of zinc oxide nanoparticles using <i>Ulva lactuca</i> seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 249-258.	1.7	295
2	Green synthesis of silver, gold and silver/gold bimetallic nanoparticles using the <i>Gloriosa superba</i> leaf extract and their antibacterial and antibiofilm activities. <i>Microbial Pathogenesis</i> , 2016, 101, 1-11.	1.3	176
3	Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 45, 93-103.	1.5	140
4	Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 211-218.	1.7	120
5	Synthesis of ZnO nanoparticles using insulin-rich leaf extract: Anti-diabetic, antibiofilm and anti-oxidant properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111541.	1.7	95
6	Green synthesis of gold nanoparticles using a cheap <i>Sphaeranthus indicus</i> extract: Impact on plant cells and the aquatic crustacean <i>Artemia nauplii</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 598-605.	1.7	94
7	<i>Guazuma ulmifolia</i> bark-synthesized Ag, Au and Ag/Au alloy nanoparticles: Photocatalytic potential, DNA/protein interactions, anticancer activity and toxicity against 14 species of microbial pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 189-199.	1.7	89
8	In-vitro antibacterial, antifungal, antioxidant and functional properties of <i>Bacillus amyloliquefaciens</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2015, 14, 9.	1.7	80
9	Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector <i>Aedes aegypti</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 404-411.	1.7	75
10	Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against <i>Aedes aegypti</i> and microbial pathogens. <i>Parasitology Research</i> , 2017, 116, 1637-1651.	0.6	65
11	Eco-friendly fabrication of Ag nanostructures using the seed extract of <i>Pedaliium murex</i> , an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector <i>Aedes aegypti</i> and inhibition of biofilm-forming pathogenic bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 133-143.	1.7	65
12	Insecticidal activity of camphene, zerumbone and β -humulene from <i>Cheilocostus speciosus</i> rhizome essential oil against the Old-World bollworm, <i>Helicoverpa armigera</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 781-786.	2.9	62
13	Enhanced anti-cancer activity of chitosan loaded <i>Morinda citrifolia</i> essential oil against A549 human lung cancer cells. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 4010-4021.	3.6	59
14	Influence of Nickel concentration on the photocatalytic dye degradation (methylene blue and reactive) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	59
15	<i>Sargassum wightii</i> -synthesized ZnO nanoparticles " from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp <i>Penaeus semisulcatus</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 318-330.	1.7	56
16	Anti-biofilm investigation of graphene/chitosan nanocomposites against biofilm producing <i>P. aeruginosa</i> and <i>K. pneumoniae</i> . <i>Carbohydrate Polymers</i> , 2020, 230, 115646.	5.1	52
17	Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immune molecule β -1, 3-glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 257-269.	2.5	50
18	Synthesis of chitosan-alginate microspheres with high antimicrobial and antibiofilm activity against multi-drug resistant microbial pathogens. <i>Microbial Pathogenesis</i> , 2018, 114, 17-24.	1.3	49

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19	Larvicidal activity of <i>Blumea eriantha</i> essential oil and its components against six mosquito species, including Zika virus vectors: the promising potential of (4E,6Z)-allo-ocimene, carvotanacetone and dodecyl acetate. <i>Parasitology Research</i> , 2017, 116, 1175-1188.	0.6	44
20	Anti-oxidant, anti-bacterial and anti-biofilm activity of biosynthesized silver nanoparticles using <i>Gracilaria corticata</i> against biofilm producing <i>K. pneumoniae</i> . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 600, 124830.	2.3	43
21	Chronic exposure of <i>Oreochromis niloticus</i> to sub-lethal copper concentrations: Effects on growth, antioxidant, non-enzymatic antioxidant, oxidative stress and non-specific immune responses. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 55, 170-179.	1.5	42
22	Biophysical characterization of <i>Acacia caesia</i> -fabricated silver nanoparticles: effectiveness on mosquito vectors of public health relevance and impact on non-target aquatic biocontrol agents. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10228-10242.	2.7	41
23	Synthesis and Characterization of Zinc Oxide Nanoparticles Using <i>Cynara scolymus</i> Leaves: Enhanced Hemolytic, Antimicrobial, Antiproliferative, and Photocatalytic Activity. <i>Journal of Cluster Science</i> , 2020, 31, 791-801.	1.7	40
24	Acute toxicity and repellent activity of the <i>Origanum scabrum</i> Boiss. & Heldr. (Lamiaceae) essential oil against four mosquito vectors of public health importance and its biosafety on non-target aquatic organisms. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23228-23238.	2.7	37
25	Desert actinobacteria as a source of bioactive compounds production with a special emphases on Pyridine-2,5-diacetamide a new pyridine alkaloid produced by <i>Streptomyces</i> sp. DA3-7. <i>Microbiological Research</i> , 2018, 207, 116-133.	2.5	37
26	New insecticides and antimicrobials derived from <i>Sargassum wightii</i> and <i>Halimeda gracillis</i> seaweeds: Toxicity against mosquito vectors and antibiofilm activity against microbial pathogens. <i>South African Journal of Botany</i> , 2019, 125, 466-480.	1.2	37
27	Solid state fermentation of amylase production from <i>Bacillus subtilis</i> D19 using agro-residues. <i>Journal of King Saud University - Science</i> , 2020, 32, 1555-1561.	1.6	37
28	Characterization of cellulosic fibers from <i>Morus alba</i> L. stem. <i>Journal of Natural Fibers</i> , 2019, 16, 503-511.	1.7	36
29	Toxicity of <i>Camellia sinensis</i> -Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological Abnormalities and DNA Damages. <i>Journal of Cluster Science</i> , 2017, 28, 2027-2040.	1.7	31
30	Larvicidal activity of the essential oil from <i>Amomum subulatum</i> Roxb. (Zingiberaceae) against <i>Anopheles subpictus</i> , <i>Aedes albopictus</i> and <i>Culex tritaeniorhynchus</i> (Diptera: Culicidae), and non-target impact on four mosquito natural enemies. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 219-224.	1.3	31
31	Swift production of rhamnolipid biosurfactant, biopolymer and synthesis of biosurfactant-wrapped silver nanoparticles and its enhanced oil recovery. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1892-1899.	1.8	31
32	Prevalence of <i>Escherichia coli</i> strains resistance to antibiotics in wound infections and raw milk. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1557-1562.	1.8	30
33	Single-step biological fabrication of colloidal silver nanoparticles using <i>Hugonia mystax</i> larvicidal potential against Zika virus, dengue, and malaria vector mosquitoes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1317-1325.	1.9	29
34	Characterization and antifungal activity of the yellow pigment produced by a <i>Bacillus</i> sp. DBS4 isolated from the lichen <i>Dirinaria aegalita</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1403-1411.	1.8	29
35	One-pot biogenic fabrication of silver nanocrystals using <i>Quisqualis indica</i> : Effectiveness on malaria and Zika virus mosquito vectors, and impact on non-target aquatic organisms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 646-655.	1.7	28
36	Enhanced antibacterial and photocatalytic degradation of reactive red 120 using lead substituted ZnO nanoparticles prepared by ultrasonic-assisted co-precipitation method. <i>Ceramics International</i> , 2020, 46, 19593-19599.	2.3	28

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37	Purification, characterization, and statistical optimization of a thermostable α -amylase from desert actinobacterium <i>Streptomyces fragilis</i> DA7-7. <i>3 Biotech</i> , 2017, 7, 350.	1.1	27
38	Green Synthesis of Silver Nanoparticles Using <i>Arachis hypogaea</i> (Ground Nut) Root Extract for Antibacterial and Clinical Applications. <i>Journal of Cluster Science</i> , 2017, 28, 995-1008.	1.7	27
39	Curzerene, trans- β -elemenone, and β -elemene as effective larvicides against <i>Anopheles subpictus</i> , <i>Aedes albopictus</i> , and <i>Culex tritaeniorhynchus</i> : toxicity on non-target aquatic predators. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10272-10282.	2.7	27
40	Substantial effect of Cr doping on the antimicrobial activity of ZnO nanoparticles prepared by ultrasonication process. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 263, 114817.	1.7	27
41	Photocatalytic reduction and anti-bacterial activity of biosynthesized silver nanoparticles against multi drug resistant <i>Staphylococcus saprophyticus</i> BDUMS 5 (MN310601). <i>Materials Science and Engineering C</i> , 2020, 114, 111024.	3.8	26
42	Purification and Properties of Extracellular Lipases with Transesterification Activity and 1,3-Regioselectivity from <i>Rhizomucor miehei</i> and <i>Rhizopus oryzae</i> . <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 277-288.	0.9	26
43	One-Pot Synthesis of Dysprosium Oxide Nano-Sheets: Antimicrobial Potential and Cytotoxicity on A549 Lung Cancer Cells. <i>Journal of Cluster Science</i> , 2017, 28, 621-635.	1.7	25
44	High efficacy of (Z)- β -bisabolene from the essential oil of <i>Galinsoga parviflora</i> (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10555-10566.	2.7	25
45	β -glucan extracted from eukaryotic single-celled microorganism <i>Saccharomyces cerevisiae</i> : Dietary supplementation and enhanced ammonia stress tolerance on <i>Oreochromis mossambicus</i> . <i>Microbial Pathogenesis</i> , 2020, 139, 103917.	1.3	24
46	Studies on treatment of egg processing industry wastewater using electrocoagulation method: optimization using response surface methodology. <i>Desalination and Water Treatment</i> , 2016, 57, 21721-21729.	1.0	23
47	<i>Brevibacillus laterosporus</i> isolated from the digestive tract of honeybees has high antimicrobial activity and promotes growth and productivity of honeybee colonies. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10447-10455.	2.7	23
48	Adsorption of nickel ions from electroplating effluent by graphene oxide and reduced graphene oxide. <i>Environmental Research</i> , 2021, 199, 111322.	3.7	23
49	Laccase producing bacteria influenced the high decolorization of textile azo dyes with advanced study. <i>Environmental Research</i> , 2022, 207, 112211.	3.7	23
50	Biosynthesized zinc oxide nanoparticles (ZnO NPs) using actinomycetes enhance the anti-bacterial efficacy against <i>K. Pneumoniae</i> . <i>Journal of King Saud University - Science</i> , 2022, 34, 101731.	1.6	23
51	Green Synthesis of Ag Nanoparticles with Anti-bacterial Activity Using the Leaf Extract of an African Medicinal Plant, <i>Ipomoea asarifolia</i> (Convolvulaceae). <i>Journal of Cluster Science</i> , 2017, 28, 3009-3019.	1.7	22
52	Gum-Mediated Fabrication of Eco-Friendly Gold Nanoparticles Promoting Cell Division and Pollen Germination in Plant Cells. <i>Journal of Cluster Science</i> , 2017, 28, 507-517.	1.7	22
53	Phenoloxidase activation, antimicrobial, and antibiofilm properties of β -glucan binding protein from <i>Scylla serrata</i> crab hemolymph. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 864-873.	3.6	22
54	Nanosilver crystals capped with <i>Bauhinia acuminata</i> phytochemicals as new antimicrobials and mosquito larvicides. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 146-153.	1.5	22

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55	Searching for crab-borne antimicrobial peptides: Crustin from <i>Portunus pelagicus</i> triggers biofilm inhibition and immune responses of <i>Artemia salina</i> against GFP tagged <i>Vibrio parahaemolyticus</i> Dahv2. <i>Molecular Immunology</i> , 2018, 101, 396-408.	1.0	22
56	Synthesis and characterization of crustin capped titanium dioxide nanoparticles: Photocatalytic, antibacterial, antifungal and insecticidal activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111620.	1.7	22
57	Ion trap mass spectrometry of surfactins produced by <i>Bacillus subtilis</i> SZMC 6179J reveals novel fragmentation features of cyclic lipopeptides. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1581-1590.	0.7	21
58	Euphorbia rothiana-Fabricated Ag Nanoparticles Showed High Toxicity on <i>Aedes aegypti</i> Larvae and Growth Inhibition on Microbial Pathogens: A Focus on Morphological Changes in Mosquitoes and Antibiofilm Potential Against Bacteria. <i>Journal of Cluster Science</i> , 2017, 28, 2857-2872.	1.7	21
59	Impact of pesticide monocrotophos on microbial populations and histology of intestine in the Indian earthworm <i>Lampito mauritii</i> (Kinberg). <i>Microbial Pathogenesis</i> , 2020, 139, 103893.	1.3	21
60	One-Pot Green Synthesis of Silver Nanoparticles Using the Orchid Leaf Extracts of <i>Anoectochilus elatus</i> : Growth Inhibition Activity on Seven Microbial Pathogens. <i>Journal of Cluster Science</i> , 2017, 28, 1541-1550.	1.7	20
61	<i>Zingiber cernuum</i> (Zingiberaceae) essential oil as effective larvicide and oviposition deterrent on six mosquito vectors, with little non-target toxicity on four aquatic mosquito predators. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10307-10316.	2.7	20
62	<i>Boswellia ovalifoliolata</i> (Burseraceae) essential oil as an eco-friendly larvicide? Toxicity against six mosquito vectors of public health importance, non-target mosquito fishes, backswimmers, and water bugs. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10264-10271.	2.7	20
63	Antibiotic-resistant <i>Staphylococcus epidermidis</i> isolated from patients and healthy students comparing with antibiotic-resistant bacteria isolated from pasteurized milk. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1285-1290.	1.8	20
64	Crustin-capped selenium nanowires against microbial pathogens and Japanese encephalitis mosquito vectors â€“ Insights on their toxicity and internalization. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 191-203.	1.5	20
65	Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an arthropod immune molecule. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 208-216.	1.7	19
66	Eco-friendly and cost-effective Ag nanocrystals fabricated using the leaf extract of <i>Habenaria plantaginea</i> : toxicity on six mosquito vectors and four non-target species. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10317-10327.	2.7	19
67	Microbial exopolymer-capped selenium nanowires â€“ Towards new antibacterial, antibiofilm and arbovirus vector larvicides?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 192, 55-67.	1.7	19
68	Effect of Ti and Cu doping on the structural, optical, morphological and anti-bacterial properties of nickel ferrite nanoparticles. <i>Results in Physics</i> , 2021, 23, 104065.	2.0	19
69	<i>In vitro</i> antifungal activity of antipsychotic drugs and their combinations with conventional antifungals against<i> Scedosporium</i> and<i> Pseudallescheria</i> isolates. <i>Medical Mycology</i> , 2015, 53, 890-895.	0.3	18
70	Biodiesel synthesis from waste oil using novel microwave technique: Response surface modeling and optimization. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 636-642.	1.2	18
71	Anti-biofilm compound of 1, 4-diaza-2, 5-dioxo-3-isobutyl bicyclo[4.3.0]nonane from marine <i>Nocardiosis</i> sp. DMS 2 (MH900226) against biofilm forming <i>K. pneumoniae</i> . <i>Journal of King Saud University - Science</i> , 2020, 32, 3495-3502.	1.6	18
72	Genome analysis of a <i>Bacillus subtilis</i> strain reveals genetic mutations determining biocontrol properties. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 52.	1.7	17

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73	Synthesis and characterization of Ce-doped TiO ₂ nanoparticles and their enhanced anticancer activity in Y79 retinoblastoma cancer cells. <i>Green Processing and Synthesis</i> , 2022, 11, 143-149.	1.3	17
74	Development of self-repair nano-rod scaffold materials for implantation of osteosarcoma affected bone tissue. <i>New Journal of Chemistry</i> , 2018, 42, 725-734.	1.4	16
75	Anti-carbapenemase activity of <i>Camellia japonica</i> essential oil against isolated carbapenem resistant <i>klebsiella pneumoniae</i> (MN396685). <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2269-2279.	1.8	16
76	Molecular identification and structural detection of anti-cancer compound from marine <i>Streptomyces akiyoshiensis</i> GRG 6 (KY457710) against MCF-7 breast cancer cells. <i>Journal of King Saud University - Science</i> , 2020, 32, 3463-3469.	1.6	16
77	Latest about Spoilage by Yeasts: Focus on the Deterioration of Beverages and Other Plant-Derived Products. <i>Journal of Food Protection</i> , 2016, 79, 825-829.	0.8	15
78	Optimization of reverse osmosis treatment process to reuse the distillery wastewater using Taguchi design. <i>Desalination and Water Treatment</i> , 2016, 57, 24222-24230.	1.0	15
79	Fabrication of highly effective mosquito nanolarvicides using an Asian plant of ethno-pharmacological interest, <i>Priyangu</i> (<i>Aglaia elaeagnoidea</i>): toxicity on non-target mosquito natural enemies. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10283-10293.	2.7	15
80	High-Frequency Occurrence of Surfactin Monomethyl Isoforms in the Ferment Broth of a <i>Bacillus subtilis</i> Strain Revealed by Ion Trap Mass Spectrometry. <i>Molecules</i> , 2018, 23, 2224.	1.7	15
81	Optimization of glutamic acid production by <i>Corynebacterium glutamicum</i> using response surface methodology. <i>Journal of King Saud University - Science</i> , 2020, 32, 1403-1408.	1.6	15
82	Biosorption and adsorption isotherm of chromium (VI) ions in aqueous solution using soil bacteria <i>Bacillus amyloliquefaciens</i> . <i>Environmental Research</i> , 2022, 212, 113310.	3.7	15
83	Molecular identification and antifungal susceptibility of <i>Curvularia australiensis</i> , <i>C. hawaiiensis</i> and <i>C. aspicifera</i> isolated from human eye infections. <i>Mycoses</i> , 2015, 58, 603-609.	1.8	14
84	Swift fabrication of Ag nanostructures using a colloidal solution of <i>Holostemma adakodien</i> (Apocynaceae) – Antibiofilm potential, insecticidal activity against mosquitoes and non-target impact on water bugs. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 70-79.	1.7	14
85	Green larvicides against blowflies, <i>Lucilia sericata</i> (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary medicine and production of green-coated zinc oxide nanoparticles. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 214-218.	1.3	14
86	Betulinic acid lowers lipid accumulation in adipocytes through enhanced NCoA1-PPAR γ interaction. <i>Journal of Infection and Public Health</i> , 2019, 12, 726-732.	1.9	14
87	Preparative HPLC fraction of <i>Hibiscus rosa-sinensis</i> essential oil against biofilm forming <i>Klebsiella pneumoniae</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2853-2862.	1.8	14
88	Antibiofilm and anticancer potential of β -glucan-binding protein-encrusted zinc oxide nanoparticles. <i>Microbial Pathogenesis</i> , 2020, 141, 103992.	1.3	14
89	Anti-biofilm activity of LC-MS based <i>Solanum nigrum</i> essential oils against multi drug resistant biofilm forming <i>P. mirabilis</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 302-309.	1.8	14
90	A study on β -glucan binding protein (β -GBP) and its involvement in phenoloxidase cascade in Indian white shrimp <i>Fenneropenaeus indicus</i> . <i>Molecular Immunology</i> , 2017, 92, 1-11.	1.0	13

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91	Isolation of Î²-glucan from <i>Eleusine coracana</i> and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities. <i>Microbial Pathogenesis</i> , 2020, 140, 103955.	1.3	13
92	Enlightening the characteristics of bioflocculant of endophytic actinomycetes from marine algae and its biosorption of heavy metal removal. <i>Environmental Research</i> , 2021, 200, 111708.	3.7	13
93	Synthesis of greener silver nanoparticle-based chitosan nanocomposites and their potential antimicrobial activity against oral pathogens. <i>Green Processing and Synthesis</i> , 2021, 10, 658-665.	1.3	13
94	Pilot scale evaluation of feasibility of reuse of wine industry wastewater using reverse osmosis system: modeling and optimization. <i>Desalination and Water Treatment</i> , 2016, 57, 25358-25368.	1.0	12
95	Influence of agro-environmental pollutants on a biocontrol strain of <i>Bacillus velezensis</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00660.	1.2	12
96	Size-controlled fabrication of silver nanoparticles using the <i>Hedyotis puberula</i> leaf extract: toxicity on mosquito vectors and impact on biological control agents. <i>RSC Advances</i> , 2016, 6, 96573-96583.	1.7	11
97	Investigation on the Removal of Chromium from Wastewater using Electrocoagulation. <i>International Journal of Chemical Reactor Engineering</i> , 2018, 16, .	0.6	11
98	Performance evaluation of chemical coagulation process to treat bagasse wastewater: modeling and optimization. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 99-104.	0.3	10
99	What Kind of Reducing Botanical? High Mosquitocidal Efficacy of a Silver Nanocomposite Synthesized Using a Leaf Aqueous Extract of <i>Fumaria indica</i> . <i>Journal of Cluster Science</i> , 2017, 28, 637-643.	1.7	9
100	Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab <i>Portunus pelagicus</i> and its antibiofilm activity. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 996-1007.	3.6	9
101	Facile synthesis of haemocyanin-capped zinc oxide nanoparticles: Effect on growth performance, digestive-enzyme activity, and immune responses of <i>Penaeus semisulcatus</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 139, 688-696.	3.6	9
102	Enhanced antibacterial activity of hemocyanin purified from <i>Portunus pelagicus</i> hemolymph combined with silver nanoparticles – Intracellular uptake and mode of action. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 8-20.	1.5	9
103	The extreme drug resistance (XDR) <i>Staphylococcus aureus</i> strains among patients: A retrospective study. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1985-1992.	1.8	9
104	Anti-listerial effect of selected essential oils and thymol. <i>Acta Biologica Hungarica</i> , 2016, 67, 333-343.	0.7	8
105	Characterization of transesterification reactions by <i>Mucoromycotina</i> lipases in non-aqueous media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 127, 47-55.	1.8	8
106	Identification of carbapenems resistant genes on biofilm forming <i>K. pneumoniae</i> from urinary tract infection. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1750-1756.	1.8	8
107	Halophilic archaea and their extracellular polymeric compounds in the treatment of high salt wastewater containing phenol. <i>Chemosphere</i> , 2022, 294, 133732.	4.2	8
108	Effects of <i>Piper cubeba</i> L. essential oil on methicillin-resistant <i>Staphylococcus aureus</i> : an AFM and TEM study. <i>Journal of Molecular Recognition</i> , 2017, 30, e2564.	1.1	7

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109	Development of chitosan/agar-silver nanoparticles-coated paper for antibacterial application. <i>Green Processing and Synthesis</i> , 2020, 9, 751-759.	1.3	7
110	Characterization of secondary metabolites from Lamiaceae plant leaf essential oil: A novel perspective to combat medical and agricultural pests. <i>Physiological and Molecular Plant Pathology</i> , 2022, 117, 101752.	1.3	7
111	Hydrogen gas production from sago industry wastewater using electrochemical reactor: Simulation and validation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2258-2264.	1.2	6
112	Biodiesel production from castor oil using potassium hydroxide as a catalyst: Simulation and validation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2898-2905.	1.2	6
113	In vitro activity of calcium channel blockers in combination with conventional antifungal agents against clinically important filamentous fungi. <i>Acta Biologica Hungarica</i> , 2017, 68, 334-344.	0.7	6
114	Partially purified actinomycetes compounds enhance the intracellular damages in multi-drug resistant <i>P. aeruginosa</i> and <i>K. pneumoniae</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6057-6062.	1.8	6
115	Photocatalytic degradation and anti-cancer activity of biologically synthesized Ag NPs for inhibit the MCF-7 breast cancer cells. <i>Journal of King Saud University - Science</i> , 2022, 34, 101725.	1.6	6
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