

Kadaikunnan Shine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575528/publications.pdf>

Version: 2024-02-01

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	Fabrication of graphene oxide-p-phenylenediamine nanocomposites as fluorescent chemosensors for detection of metal ions. <i>Environmental Research</i> , 2022, 204, 111914.	3.7	5
2	Laccase producing bacteria influenced the high decolorization of textile azo dyes with advanced study. <i>Environmental Research</i> , 2022, 207, 112211.	3.7	23
3	Effective removal of heavy metals in industrial wastewater with novel bioactive catalyst enabling hybrid approach. <i>Environmental Research</i> , 2022, 204, 112337.	3.7	4
4	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
5	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
6	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
7	Î ² -1,3-Glucan binding protein-based silver nanoparticles enhance the wound healing potential and disease resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophilla</i> . <i>Microbial Pathogenesis</i> , 2022, 162, 105360.	1.3	5
8	Molecular interaction analysis of Î ² -1, 3 glucan binding protein with <i>Bacillus licheniformis</i> and evaluation of its immunostimulant property in <i>Oreochromis mossambicus</i> . <i>Fish and Shellfish Immunology</i> , 2022, 121, 183-196.	1.6	2
9	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
10	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
11	Facile synthesis of silver nanoparticles using the <i>Simarouba glauca</i> leaf extract and their impact on biological outcomes: A novel perspective for nano-drug development. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103160.	1.4	4
12	Swift synthesis of zinc oxide nanoparticles using unripe fruit extract of <i>Pergularia daemia</i> : An enhanced and eco-friendly control agent against Zika virus vector <i>Aedes aegypti</i> . <i>Acta Tropica</i> , 2022, 232, 106489.	0.9	4
13	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
14	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
15	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
16	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
17	Anti-biofilm effect of <i>Nerium oleander</i> essential oils against biofilm forming <i>Pseudomonas aeruginosa</i> on urinary tract infections. <i>Journal of King Saud University - Science</i> , 2021, 33, 101340.	1.6	4
18	Physiochemical characterization and anti-carbapenemase activity of chitosan nanoparticles loaded <i>Aegle marmelos</i> essential oil against <i>K. pneumoniae</i> through DNA fragmentation assay. <i>Surfaces and Interfaces</i> , 2021, 23, 100932.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Effect of Ti and Cu doping on the structural, optical, morphological and anti-bacterial properties of nickel ferrite nanoparticles. Results in Physics, 2021, 23, 104065.	2.0	19
20	Enhanced anti-biofilm activity of facile synthesized silver oxide nanoparticles against <i>K. pneumoniae</i> . Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3921-3933.	1.9	3
21	Monitoring the decolourisation efficacy of advanced membrane fabricated phytosilica nanoparticles in textile effluent water treatment. Chemosphere, 2021, 273, 129681.	4.2	5
22	Partially purified actinomycetes compounds enhance the intracellular damages in multi-drug resistant <i>P. aeruginosa</i> and <i>K. pneumoniae</i> . Saudi Journal of Biological Sciences, 2021, 28, 6057-6062.	1.8	6
23	Adsorption of nickel ions from electroplating effluent by graphene oxide and reduced graphene oxide. Environmental Research, 2021, 199, 111322.	3.7	23
24	Enlightening the characteristics of biofloculant of endophytic actinomycetes from marine algae and its biosorption of heavy metal removal. Environmental Research, 2021, 200, 111708.	3.7	13
25	Piperacillin/tazobactam and cefotaxime decrease the effect of beta lactamase production in multi-drug resistant <i>K. pneumoniae</i> . Journal of Infection and Public Health, 2021, 14, 1777-1782.	1.9	2
26	Isolation and molecular identification of extended spectrum beta-lactamase producing bacteria from urinary tract infection. Journal of Infection and Public Health, 2021, 14, 1911-1916.	1.9	5
27	Synthesis of greener silver nanoparticle-based chitosan nanocomposites and their potential antimicrobial activity against oral pathogens. Green Processing and Synthesis, 2021, 10, 658-665.	1.3	13
28	Antibacterial greener silver nanoparticles synthesized using <i>Marsilea quadrifolia</i> extract and their eco-friendly evaluation against Zika virus vector, <i>Aedes aegypti</i> . Green Processing and Synthesis, 2021, 10, 742-755.	1.3	4
29	Biochemical Profile by GC-MS of Fungal Biomass Produced from the Ascospores of <i>Tirmania nivea</i> as a Natural Renewable Resource. Journal of Fungi (Basel, Switzerland), 2021, 7, 1083.	1.5	6
30	Synthesis and Characterization of Zinc Oxide Nanoparticles Using <i>Cynara scolymus</i> Leaves: Enhanced Hemolytic, Antimicrobial, Antiproliferative, and Photocatalytic Activity. Journal of Cluster Science, 2020, 31, 791-801.	1.7	40
31	Characterization and antifungal activity of the yellow pigment produced by a <i>Bacillus</i> sp. DBS4 isolated from the lichen <i>Dirinaria agealita</i> . Saudi Journal of Biological Sciences, 2020, 27, 1403-1411.	1.8	29
32	Solid state fermentation of amylase production from <i>Bacillus subtilis</i> D19 using agro-residues. Journal of King Saud University - Science, 2020, 32, 1555-1561.	1.6	37
33	Isolation of β -glucan from <i>Eleusine coracana</i> and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities. Microbial Pathogenesis, 2020, 140, 103955.	1.3	13
34	Optimization of glutamic acid production by <i>Corynebacterium glutamicum</i> using response surface methodology. Journal of King Saud University - Science, 2020, 32, 1403-1408.	1.6	15
35	β -glucan extracted from eukaryotic single-celled microorganism <i>Saccharomyces cerevisiae</i> : Dietary supplementation and enhanced ammonia stress tolerance on <i>Oreochromis mossambicus</i> . Microbial Pathogenesis, 2020, 139, 103917.	1.3	24
36	Anti-biofilm investigation of graphene/chitosan nanocomposites against biofilm producing <i>P. aeruginosa</i> and <i>K. pneumoniae</i> . Carbohydrate Polymers, 2020, 230, 115646.	5.1	52

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	Identification of a novel antibacterial protein from hemolymph of freshwater zooplankton <i>Mesocyclops leuckarti</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2390-2397.	1.8	3
41	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
42	Molecular identification and structural detection of anti-cancer compound from marine <i>Streptomyces akiyoshiensis</i> GRC 6 (KY457710) against MCF-7 breast cancer cells. <i>Journal of King Saud University - Science</i> , 2020, 32, 3463-3469.	1.6	16
43	Anti-biofilm compound of 1, 4-diaza-2, 5-dioxo-3-isobutyl bicyclo[4.3.0]nonane from marine <i>Nocardioopsis</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
44	Screening of anti-oxidant and anti-bacterial metabolites from brown algae <i>Turbinaria ornata</i> for inhibits the multi-drug resistant <i>P. aeruginosa</i> . <i>Journal of King Saud University - Science</i> , 2020, 32, 3447-3453.	1.6	5
45	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
46	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
47	Influence of Nickel concentration on the photocatalytic dye degradation (methylene blue and reactive) Tj ETQq1 1 0.784314 59 BT /Over	2.3	59
48	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
49	Seed dispersal by ungulates in the point calimere wildlife sanctuary: A scientific and perspective analysis. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2790-2797.	1.8	2
50	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
51	Antibiofilm and anticancer potential of β -glucan-binding protein-encrusted zinc oxide nanoparticles. <i>Microbial Pathogenesis</i> , 2020, 141, 103992.	1.3	14
52	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
53	Development of chitosan/agar-silver nanoparticles-coated paper for antibacterial application. <i>Green Processing and Synthesis</i> , 2020, 9, 751-759.	1.3	7
54	Influence of agro-environmental pollutants on a biocontrol strain of <i>Bacillus velezensis</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00660.	1.2	12

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Anti-cancer, anti-biofilm, and anti-inflammatory properties of henâ€™s albumen: A photodynamic approach. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 1-7.	1.3	4
58	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
59	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
60	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
61	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
62	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
63	Betulinic acid lowers lipid accumulation in adipocytes through enhanced NCoA1â€™PPAR ^{Î³} interaction. <i>Journal of Infection and Public Health</i> , 2019, 12, 726-732.	1.9	14
64	Novel and Facile Synthesis of Sea Anemone Adhesive Protein-Coated ZnO Nanoparticles: Antioxidant, Antibiofilm, and Mosquito Larvicidal Activity Against <i>Aedes aegypti</i> . <i>Journal of Cluster Science</i> , 2019, 30, 1393-1402.	1.7	3
65	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
66	Enhanced antibacterial activity of hemocyanin purified from <i>Portunus pelagicus</i> hemolymph combined with silver nanoparticles â€™ Intracellular uptake and mode of action. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 8-20.	1.5	9
67	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
68	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
69	Characterization of cellulosic fibers from <i>Morus alba</i> L. stem. <i>Journal of Natural Fibers</i> , 2019, 16, 503-511.	1.7	36
70	Swift fabrication of Ag nanostructures using a colloidal solution of <i>Holostemma ada-kodien</i> (Apocynaceae) â€™ 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
71	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
72	Investigation on the Removal of Chromium from Wastewater using Electrocoagulation. <i>International Journal of Chemical Reactor Engineering</i> , 2018, 16, .	0.6	11

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	<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
76	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
77	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
78	<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
79	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
80	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
81	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
82	Fabrication of highly effective mosquito nanolarvicides using an Asian plant of ethno-pharmacological interest, <i>Priyangu</i> (<i>Aglaia elaeagnoides</i>): toxicity on non-target mosquito natural enemies. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10283-10293.	2.7	15
83	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
84	<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
85	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
86	<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
87	Insecticidal activity of camphene, zerbene 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
88	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
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	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
95	<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
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	Purification, characterization, and statistical optimization of a thermostable $\hat{I}\pm$ -amylase from desert actinobacterium <i>Streptomyces fragilis</i> DA7-7. <i>3 Biotech</i> , 2017, 7, 350.	1.1	27
104	A study on \hat{I}^2 -glucan binding protein (\hat{I}^2 -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
105	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
106	Eco-friendly fabrication of Ag nanostructures using the seed extract of <i>Pedalium 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
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	<i>Euphorbia rothiana</i> -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
112	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
113	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
114	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
115	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
116	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
117	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
118	Insilico Analysis of Phytoconstituents from <i>Allium sativum</i> as Potential Inhibitors of Inha in <i>Mycobacterium tuberculosis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	1
119	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
120	Anti-listerial effect of selected essential oils and thymol. <i>Acta Biologica Hungarica</i> , 2016, 67, 333-343.	0.7	8
121	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
122	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
123	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
124	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
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	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
128	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
129	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
130	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
131	Characterization of transesterification reactions by Mucoromycotina lipases in non-aqueous media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 127, 47-55.	1.8	8
132	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
133	Production, Optimization and Partial Characterization of Thermostable and Alkaline Amylase from <i>Bacillus licheniformis</i> KSU-6. <i>International Journal of Agriculture and Biology</i> , 2016, 18, 1188-1194.	0.2	5
134	Characterisation of mitochondrial haplotypes occurred in a <i>Candida albicans</i> population. <i>Acta Biologica Hungarica</i> , 2016, 67, 112-120.	0.7	0
135	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
136	In vitro 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
137	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