Naiyf S Alharbi

List of Publications by Year
in descending order

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178 papers	4,995 citations	134610 34 h-index	156644 58 g-index
181 all docs	181 docs citations	181 times ranked	6335 citing authors

#	Article	IF	Citations
1	Fabrication of graphene oxide-p-phenylenediamine nanocomposites as fluorescent chemosensors for detection of metal ions. Environmental Research, 2022, 204, 111914.	3.7	5
2	Laccase producing bacteria influenced the high decolorization of textile azo dyes with advanced study. Environmental Research, 2022, 207, 112211.	3.7	23
3	Effective removal of heavy metals in industrial wastewater with novel bioactive catalyst enabling hybrid approach. Environmental Research, 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. Physiological and Molecular Plant Pathology, 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. Journal of King Saud University - Science, 2022, 34, 101725.	1.6	6
6	Biosynthesized zinc oxide nanoparticles (ZnO NPs) using actinomycetes enhance the anti-bacterial efficacy against K. Pneumoniae. Journal of King Saud University - Science, 2022, 34, 101731.	1.6	23
7	Î²-1,3-Glucan binding protein-based silver nanoparticles enhance the wound healing potential and disease resistance in Oreochromis mossambicus against Aeromonas hydrophilla. Microbial Pathogenesis, 2022, 162, 105360.	1.3	5
8	Molecular interaction analysis of Î²-1, 3 glucan binding protein with Bacillus licheniformis and evaluation of its immunostimulant property in Oreochromis mossambicus. Fish and Shellfish Immunology, 2022, 121, 183-196.	1.6	2
9	Morphological damage and increased ROS production of biosynthesized silver nanoparticle against MCF-7 breast cancer cells through in vitro approaches. Journal of King Saud University - Science, 2022, 34, 101795.	1.6	6
10	Synthesis and characterization of Ce-doped TiO₂ nanoparticles and their enhanced anticancer activity in Y79 retinoblastoma cancer cells. Green Processing and Synthesis, 2022, 11, 143-149.	1.3	17
11	Halophilic archaea and their extracellular polymeric compounds in the treatment of high salt wastewater containing phenol. Chemosphere, 2022, 294, 133732.	4.2	8
12	Facile synthesis of silver nanoparticles using the Simarouba glauca leaf extract and their impact on biological outcomes: A novel perspective for nano-drug development. Journal of Drug Delivery Science and Technology, 2022, 69, 103160.	1.4	4
13	Synthesis and characterization of polyaniline doped with iron oxide nanocomposite using struvite crystal inhibition effect. Chemical Data Collections, 2022, 38, 100843.	1.1	2
14	Investigation of interspecies crosstalk between probiotic Bacillus subtilis BR4 and Pseudomonas aeruginosa using metabolomics analysis. Microbial Pathogenesis, 2022, 166, 105542.	1.3	18
15	Swift synthesis of zinc oxide nanoparticles using unripe fruit extract of Pergularia daemia: An enhanced and eco-friendly control agent against Zika virus vector Aedes aegypti. Acta Tropica, 2022, 232, 106489.	0.9	4
16	Marine macrolides as an efficient source of FMS-like tyrosine kinase 3 inhibitors: A comprehensive approach of in silico virtual screening. South African Journal of Botany, 2022, 148, 93-103.	1.2	1
17	Biosorption and adsorption isotherm of chromium (VI) ions in aqueous solution using soil bacteria Bacillus amyloliquefaciens. Environmental Research, 2022, 212, 113310.	3.7	15
18	Biosynthesized copper oxide nanoparticles (CuO NPs) enhances the anti-biofilm efficacy against K. pneumoniae and S. aureus. Journal of King Saud University - Science, 2022, 34, 102120.	1.6	18

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19	Substantial effect of Cr doping on the antimicrobial activity of ZnO nanoparticles prepared by ultrasonication process. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114817.	1.7	27
20	Anti-biofilm activity of LC-MS based Solanum nigrum essential oils against multi drug resistant biofilm forming P. mirabilis. Saudi Journal of Biological Sciences, 2021, 28, 302-309.	1.8	14
21	In vitro analysis of green fabricated silver nanoparticles (AgNPs) against Pseudomonas aeruginosa PA14 biofilm formation, their application on urinary catheter. Progress in Organic Coatings, 2021, 151, 106058.	1.9	60
22	Chrysanthemum morifolium extract mediated Ag NPs improved the cytotoxicity effect in A549 lung cancer cells. Journal of King Saud University - Science, 2021, 33, 101269.	1.6	6
23	Identification of carbapenems resistant genes on biofilm forming K. pneumoniae from urinary tract infection. Saudi Journal of Biological Sciences, 2021, 28, 1750-1756.	1.8	8
24	Anti-biofilm effect of Nerium oleander essential oils against biofilm forming Pseudomonas aeruginosa on urinary tract infections. Journal of King Saud University - Science, 2021, 33, 101340.	1.6	4
25	Physiochemical characterization and anti-carbapenemase activity of chitosan nanoparticles loaded Aegle marmelos essential oil against K. pneumoniae through DNA fragmentation assay. Surfaces and Interfaces, 2021, 23, 100932.	1.5	5
26	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
27	Enhanced anti-biofilm activity of facile synthesized silver oxide nanoparticles against K. pneumoniae. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3921-3933.	1.9	3
28	Monitoring the decolourisation efficacy of advanced membrane fabricated phytosilica nanoparticles in textile effluent water treatment. Chemosphere, 2021, 273, 129681.	4.2	5
29	Partially purified actinomycetes compounds enhance the intracellular damages in multi-drug resistant P. aeruginosa and K. pneumoniae. Saudi Journal of Biological Sciences, 2021, 28, 6057-6062.	1.8	6
30	Adsorption of nickel ions from electroplating effluent by graphene oxide and reduced graphene oxide. Environmental Research, 2021, 199, 111322.	3.7	23
31	Enlightening the characteristics of bioflocculant of endophytic actinomycetes from marine algae and its biosorption of heavy metal removal. Environmental Research, 2021, 200, 111708.	3.7	13
32	Anti-bacterial effect of marine sea grasses mediated endophytic actinomycetes against K. pneumoniae. Journal of King Saud University - Science, 2021, 33, 101528.	1.6	7
33	A synergic action of colistin, imipenem, and silver nanoparticles against pandrug-resistant Acinetobacter baumannii isolated from patients. Journal of Infection and Public Health, 2021, 14, 1679-1685.	1.9	11
34	Ulvan loaded graphene oxide nanoparticle fabricated with chitosan and d-mannose for targeted anticancer drug delivery. Journal of Drug Delivery Science and Technology, 2021, 65, 102760.	1.4	25
35	Piperacillin/tazobactum and cefotaxime decrease the effect of beta lactamase production in multi-drug resistant K. pneumoniae. Journal of Infection and Public Health, 2021, 14, 1777-1782.	1.9	2
36	Biomimetic synthesis of iron oxide nanoparticles using Canthium coromandelicum leaf extract and its antibacterial and catalytic degradation of Janus green. Inorganic Chemistry Communication, 2021, 133, 108977.	1.8	11

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37	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
38	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
39	Isolation and molecular identification of biofilm producing P. aeruginosa and K. pneumoniae from urinary tract infections patient urine sample. Journal of Infection and Public Health, 2021, 14, 1875-1880.	1.9	2
40	Antibacterial greener silver nanoparticles synthesized using Marsilea quadrifolia extract and their eco-friendly evaluation against Zika virus vector, Aedes aegypti. Green Processing and Synthesis, 2021, 10, 742-755.	1.3	4
41	Biochemical Profile by GCâ€“MS of Fungal Biomass Produced from the Ascospores of Tirmania nivea as a Natural Renewable Resource. Journal of Fungi (Basel, Switzerland), 2021, 7, 1083.	1.5	6
42	Screening of antibiotic-resistant staphylococci in the nasal cavity of patients and healthy individuals. Saudi Journal of Biological Sciences, 2020, 27, 100-105.	1.8	8
43	Synthesis and Characterization of Zinc Oxide Nanoparticles Using Cynara scolymus Leaves: Enhanced Hemolytic, Antimicrobial, Antiproliferative, and Photocatalytic Activity. Journal of Cluster Science, 2020, 31, 791-801.	1.7	40
44	Characterization and antifungal activity of the yellow pigment produced by a Bacillus sp. DBS4 isolated from the lichen Dirinaria agealita. Saudi Journal of Biological Sciences, 2020, 27, 1403-1411.	1.8	29
45	Evaluation of multidrug-resistant Bacillus strains causing public health risks in powdered infant milk formulas. Journal of Infection and Public Health, 2020, 13, 1462-1468.	1.9	13
46	Solid state fermentation of amylase production from Bacillus subtilis D19 using agro-residues. Journal of King Saud University - Science, 2020, 32, 1555-1561.	1.6	37
47	Isolation of Î²-glucan from Eleusine coracana and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities. Microbial Pathogenesis, 2020, 140, 103955.	1.3	13
48	Optimization of glutamic acid production by Corynebacterium glutamicum using response surface methodology. Journal of King Saud University - Science, 2020, 32, 1403-1408.	1.6	15
49	Î²-glucan extracted from eukaryotic single-celled microorganism Saccharomyces cerevisiae: Dietary supplementation and enhanced ammonia stress tolerance on Oreochromis mossambicus. Microbial Pathogenesis, 2020, 139, 103917.	1.3	24
50	Anti-biofilm investigation of graphene/chitosan nanocomposites against biofilm producing P. aeruginosa and K. pneumoniae. Carbohydrate Polymers, 2020, 230, 115646.	5.1	52
51	Core/shell nanoparticles: Synthesis, investigation of antimicrobial potential and photocatalytic degradation of Rhodamine B. Journal of Photochemistry and Photobiology B: Biology, 2020, 202, 111729.	1.7	33
52	Impact of pesticide monocrotophos on microbial populations and histology of intestine in the Indian earthworm Lampito mauritii (Kinberg). Microbial Pathogenesis, 2020, 139, 103893.	1.3	21
53	Enhanced anti-cancer activity of chitosan loaded Morinda citrifolia essential oil against A549 human lung cancer cells. International Journal of Biological Macromolecules, 2020, 164, 4010-4021.	3.6	59
54	Anti-carbapenamase activity of Camellia japonica essential oil against isolated carbapenem resistant klebsiella pneumoniae (MN396685). Saudi Journal of Biological Sciences, 2020, 27, 2269-2279.	1.8	16

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55	Identification of a novel antibacterial protein from hemolymph of freshwater zooplankton Mesocyclops leuckarti. Saudi Journal of Biological Sciences, 2020, 27, 2390-2397.	1.8	3
56	Enhanced antibacterial and photocatalytic degradation of reactive red 120 using lead substituted ZnO nanoparticles prepared by ultrasonic-assisted co-precipitation method. Ceramics International, 2020, 46, 19593-19599.	2.3	28
57	Molecular identification and structural detection of anti-cancer compound from marine Streptomyces akiyoshiensis GRG 6 (KY457710) against MCF-7 breast cancer cells. Journal of King Saud University - Science, 2020, 32, 3463-3469.	1.6	16
58	Anti-biofilm compound of 1, 4-diaza-2, 5-dioxo-3-isobutyl bicyclo[4.3.0]nonane from marine Nocardiopsis sp. DMS 2 (MH900226) against biofilm forming K. pneumoniae. Journal of King Saud University - Science, 2020, 32, 3495-3502.	1.6	18
59	Screening of anti-oxidant and anti-bacterial metabolites from brown algae Turbinaria ornata for inhibits the multi-drug resistant P. aeruginosa. Journal of King Saud University - Science, 2020, 32, 3447-3453.	1.6	5
60	Preparative HPLC fraction of Hibiscus rosa-sinensis essential oil against biofilm forming Klebsiella pneumoniae. Saudi Journal of Biological Sciences, 2020, 27, 2853-2862.	1.8	14
61	Anti-oxidant, anti-bacterial and anti-biofilm activity of biosynthesized silver nanoparticles using Gracilaria corticata against biofilm producing K. pneumoniae. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 600, 124830.	2.3	43
62	Influence of Nickel concentration on the photocatalytic dye degradation (methylene blue and reactive) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	59
63	Swift production of rhamnolipid biosurfactant, biopolymer and synthesis of biosurfactant-wrapped silver nanoparticles and its enhanced oil recovery. Saudi Journal of Biological Sciences, 2020, 27, 1892-1899.	1.8	31
64	Taxonomic identification and bioactive compounds characterization of Psilocybe cubensis DPT1 to probe its antibacterial and mosquito larvicidal competency. Microbial Pathogenesis, 2020, 143, 104138.	1.3	11
65	Seed dispersal by ungulates in the point calimere wildlife sanctuary: A scientific and perspective analysis. Saudi Journal of Biological Sciences, 2020, 27, 2790-2797.	1.8	2
66	The extreme drug resistance (XDR) Staphylococcus aureus strains among patients: A retrospective study. Saudi Journal of Biological Sciences, 2020, 27, 1985-1992.	1.8	9
67	Antibiofilm and anticancer potential of Î²-glucan-binding protein-encrusted zinc oxide nanoparticles. Microbial Pathogenesis, 2020, 141, 103992.	1.3	14
68	Ozone enhanced production of potentially useful exopolymers from the cyanobacterium Nostoc muscorum. Polymer Testing, 2020, 84, 106385.	2.3	8
69	Photocatalytic reduction and anti-bacterial activity of biosynthesized silver nanoparticles against multi drug resistant Staphylococcus saprophyticus BDUMS 5 (MN310601). Materials Science and Engineering C, 2020, 114, 111024.	3.8	26
70	Synthesis and biological screening of a novel enaminone-grafted trithiocarbonate: a potential anticancer and antimicrobial agent. Medicinal Chemistry Research, 2020, 29, 954-961.	1.1	3
71	Escherichia coli in Saudi Arabia: An Overview of Antibiotic-Resistant Strains. Biosciences, Biotechnology Research Asia, 2020, 17, 443-457.	0.2	1
72	Development of chitosan/agar-silver nanoparticles-coated paper for antibacterial application. Green Processing and Synthesis, 2020, 9, 751-759.	1.3	7

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73	Influence of agroâ€environmental pollutants on a biocontrol strain of Bacillus velezensis. MicrobiologyOpen, 2019, 8, e00660.	1.2	12
74	Antibiotic-resistant Staphylococcus epidermidis isolated from patients and healthy students comparing with antibiotic-resistant bacteria isolated from pasteurized milk. Saudi Journal of Biological Sciences, 2019, 26, 1285-1290.	1.8	20
75	Facile synthesis of haemocyanin-capped zinc oxide nanoparticles: Effect on growth performance, digestive-enzyme activity, and immune responses of Penaeus semisulcatus. International Journal of Biological Macromolecules, 2019, 139, 688-696.	3.6	9
76	Anti-cancer, anti-biofilm, and anti-inflammatory properties of henâ€™s albumen: A photodynamic approach. Photodiagnosis and Photodynamic Therapy, 2019, 28, 1-7.	1.3	4
77	The novel economical synthesis and antimicrobial activity of a trithiocarbonate derivative. Bioorganic Chemistry, 2019, 91, 103157.	2.0	2
78	Synthesis of ZnO nanoparticles using insulin-rich leaf extract: Anti-diabetic, antibiofilm and anti-oxidant properties. Journal of Photochemistry and Photobiology B: Biology, 2019, 197, 111541.	1.7	95
79	Chronic exposure of Oreochromis niloticus to sub-lethal copper concentrations: Effects on growth, antioxidant, non-enzymatic antioxidant, oxidative stress and non-specific immune responses. Journal of Trace Elements in Medicine and Biology, 2019, 55, 170-179.	1.5	42
80	New insecticides and antimicrobials derived from Sargassum wightii and Halimeda gracillis seaweeds: Toxicity against mosquito vectors and antibiofilm activity against microbial pathogens. South African Journal of Botany, 2019, 125, 466-480.	1.2	37
81	Synthesis and characterization of crustin capped titanium dioxide nanoparticles: Photocatalytic, antibacterial, antifungal and insecticidal activities. Journal of Photochemistry and Photobiology B: Biology, 2019, 199, 111620.	1.7	22
82	Graphene oxide-silver nanosheet-incorporated polyamide thin-film composite membranes for antifouling and antibacterial action against Escherichia coli and bovine serum albumin. Journal of Industrial and Engineering Chemistry, 2019, 80, 227-238.	2.9	44
83	Microbial exopolymer-capped selenium nanowires â€“ Towards new antibacterial, antibiofilm and arbovirus vector larvicides?. Journal of Photochemistry and Photobiology B: Biology, 2019, 192, 55-67.	1.7	19
84	Novel and Facile Synthesis of Sea Anemone Adhesive Protein-Coated ZnO Nanoparticles: Antioxidant, Antibiofilm, and Mosquito Larvicidal Activity Against Aedes aegypti. Journal of Cluster Science, 2019, 30, 1393-1402.	1.7	3
85	Genome analysis of a Bacillus subtilis strain reveals genetic mutations determining biocontrol properties. World Journal of Microbiology and Biotechnology, 2019, 35, 52.	1.7	17
86	Enhanced antibacterial activity of hemocyanin purified from Portunus pelagicus hemolymph combined with silver nanoparticles â€“ Intracellular uptake and mode of action. Journal of Trace Elements in Medicine and Biology, 2019, 54, 8-20.	1.5	9
87	Prevalence of Escherichia coli strains resistance to antibiotics in wound infections and raw milk. Saudi Journal of Biological Sciences, 2019, 26, 1557-1562.	1.8	30
88	Crustin-capped selenium nanowires against microbial pathogens and Japanese encephalitis mosquito vectors â€“ Insights on their toxicity and internalization. Journal of Trace Elements in Medicine and Biology, 2019, 51, 191-203.	1.5	20
89	Anti-Helicobacter pylori, cytotoxicity and catalytic activity of biosynthesized gold nanoparticles: Multifaceted application. Arabian Journal of Chemistry, 2019, 12, 33-40.	2.3	72
90	Characterization of cellulosic fibers from Morus alba L. stem. Journal of Natural Fibers, 2019, 16, 503-511.	1.7	36

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91	Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma ada-kodien (Apocynaceae) â€“ Antibiofilm potential, insecticidal activity against mosquitoes and non-target impact on water bugs. Journal of Photochemistry and Photobiology B: Biology, 2018, 181, 70-79.	1.7	14
92	Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab Portunus pelagicus and its antibiofilm activity. International Journal of Biological Macromolecules, 2018, 113, 996-1007.	3.6	9
93	Unveiling algal cultivation using raceway ponds for biodiesel production and its quality assessment. Renewable Energy, 2018, 123, 486-498.	4.3	48
94	Optimization of essential oil-based natural disinfectants against Listeria monocytogenes and Escherichia coli biofilms formed on polypropylene surfaces. Journal of Molecular Liquids, 2018, 255, 257-262.	2.3	37
95	In vitro and in silico attenuation of quorum sensing mediated pathogenicity in Pseudomonas aeruginosa using Spirulina platensis. Microbial Pathogenesis, 2018, 116, 246-256.	1.3	20
96	High efficacy of (Z)-Î³-bisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors. Environmental Science and Pollution Research, 2018, 25, 10555-10566.	2.7	25
97	Bio-mining drugs from the sea: High antibiofilm properties of haemocyanin purified from the haemolymph of flower crab Portunus pelagicus (L.) (Decapoda: Portunidae). Aquaculture, 2018, 489, 130-140.	1.7	15
98	Desert actinobacteria as a source of bioactive compounds production with a special emphases on Pyridine-2,5-diacetamide a new pyridine alkaloid produced by Streptomyces sp. DA3-7. Microbiological Research, 2018, 207, 116-133.	2.5	37
99	Structural characterization of Bacillus licheniformis Dahb1 exopolysaccharideâ€”antimicrobial potential and larvicidal activity on malaria and Zika virus mosquito vectors. Environmental Science and Pollution Research, 2018, 25, 18604-18619.	2.7	44
100	Sargassum wightii -synthesized ZnO nanoparticles â€“ from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus. Journal of Photochemistry and Photobiology B: Biology, 2018, 183, 318-330.	1.7	56
101	Biocompatible properties of nano-drug carriers using TiO2-Au embedded on multiwall carbon nanotubes for targeted drug delivery. Materials Science and Engineering C, 2018, 90, 589-601.	3.8	62
102	Biolubricant potential of exopolysaccharides from the cyanobacterium Cyanothece epiphytica. Applied Microbiology and Biotechnology, 2018, 102, 3635-3647.	1.7	29
103	Phenoloxidase activation, antimicrobial, and antibiofilm properties of Î²-glucan binding protein from Scylla serrata crab hemolymph. International Journal of Biological Macromolecules, 2018, 114, 864-873.	3.6	22
104	Curzerene, trans-Î²-elemenone, and Î³-elemene as effective larvicides against Anopheles subpictus, Aedes albopictus, and Culex tritaeniorhynchus: toxicity on non-target aquatic predators. Environmental Science and Pollution Research, 2018, 25, 10272-10282.	2.7	27
105	Zingiber cernuum (Zingiberaceae) essential oil as effective larvicide and oviposition deterrent on six mosquito vectors, with little non-target toxicity on four aquatic mosquito predators. Environmental Science and Pollution Research, 2018, 25, 10307-10316.	2.7	20
106	Larvicidal activity of the essential oil from Amomum subulatum Roxb. (Zingiberaceae) against Anopheles subpictus , Aedes albopictus and Culex tritaeniorhynchus (Diptera: Culicidae), and non-target impact on four mosquito natural enemies. Physiological and Molecular Plant Pathology, 2018, 101, 219-224.	1.3	31
107	Green larvicides against blowflies, Lucilia sericata (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary medicine and production of green-coated zinc oxideÂnanoparticles. Physiological and Molecular Plant Pathology, 2018, 101, 214-218.	1.3	14
108	Biophysical characterization of Acacia caesia-fabricated silver nanoparticles: effectiveness on mosquito vectors of public health relevance and impact on non-target aquatic biocontrol agents. Environmental Science and Pollution Research, 2018, 25, 10228-10242.	2.7	41

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109	Fabrication of highly effective mosquito nanolarvicides using an Asian plant of ethno-pharmacological interest, Priyangu (Aglaia elaeagnoidea): toxicity on non-target mosquito natural enemies. Environmental Science and Pollution Research, 2018, 25, 10283-10293.	2.7	15
110	Eco-friendly and cost-effective Ag nanocrystals fabricated using the leaf extract of Habenaria plantaginea: toxicity on six mosquito vectors and four non-target species. Environmental Science and Pollution Research, 2018, 25, 10317-10327.	2.7	19
111	Boswellia ovalifoliolata (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. Environmental Science and Pollution Research, 2018, 25, 10264-10271.	2.7	20
112	Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors. Journal of Trace Elements in Medicine and Biology, 2018, 45, 93-103.	1.5	140
113	Brevibacillus laterosporus isolated from the digestive tract of honeybees has high antimicrobial activity and promotes growth and productivity of honeybeeâ€™s colonies. Environmental Science and Pollution Research, 2018, 25, 10447-10455.	2.7	23
114	Microfouling inhibition of human nosocomial pathogen Pseudomonas aeruginosa using marine cyanobacteria. Microbial Pathogenesis, 2018, 114, 107-115.	1.3	10
115	An inhibitory action of chitosan nanoparticles against pathogenic bacteria and fungi and their potential applications as biocompatible antioxidants. Microbial Pathogenesis, 2018, 114, 323-327.	1.3	56
116	Insecticidal activity of camphene, zerumbone and Î±-humulene from Cheilocostus speciosus rhizome essential oil against the Old-World bollworm, Helicoverpa armigera. Ecotoxicology and Environmental Safety, 2018, 148, 781-786.	2.9	62
117	Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 249-258.	1.7	295
118	Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 211-218.	1.7	120
119	Synthesis of chitosan-alginate microspheres with high antimicrobial and antibiofilm activity against multi-drug resistant microbial pathogens. Microbial Pathogenesis, 2018, 114, 17-24.	1.3	49
120	Development of self-repair nano-rod scaffold materials for implantation of osteosarcoma affected bone tissue. New Journal of Chemistry, 2018, 42, 725-734.	1.4	16
121	Molecular Tools for Monitoring Trichoderma in Agricultural Environments. Frontiers in Microbiology, 2018, 9, 1599.	1.5	36
122	Nanosilver crystals capped with Bauhinia acuminata phytochemicals as new antimicrobials and mosquito larvicides. Journal of Trace Elements in Medicine and Biology, 2018, 50, 146-153.	1.5	22
123	Searching for crab-borne antimicrobial peptides: Crustin from Portunus pelagicus triggers biofilm inhibition and immune responses of Artemia salina against GFP tagged Vibrio parahaemolyticus Dahv2. Molecular Immunology, 2018, 101, 396-408.	1.0	22
124	Effect of essential oil vapours on aflatoxin production of Aspergillus parasiticus. World Mycotoxin Journal, 2018, 11, 579-588.	0.8	5
125	Biofilm Inhibitory Effect of Spirulina platensis Extracts on Bacteria of Clinical Significance. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2017, 87, 537-544.	0.4	20
126	Guazuma ulmifolia bark-synthesized Ag, Au and Ag/Au alloy nanoparticles: Photocatalytic potential, DNA/protein interactions, anticancer activity and toxicity against 14 species of microbial pathogens. Journal of Photochemistry and Photobiology B: Biology, 2017, 167, 189-199.	1.7	89

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127	What Kind of Reducing Botanical? High Mosquitocidal Efficacy of a Silver Nanocomposite Synthesized Using a Leaf Aqueous Extract of Fumaria indica. Journal of Cluster Science, 2017, 28, 637-643.	1.7	9
128	Larvicidal activity of Blumea eriantha 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. Parasitology Research, 2017, 116, 1175-1188.	0.6	44
129	Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an arthropod immune molecule. Journal of Photochemistry and Photobiology B: Biology, 2017, 170, 208-216.	1.7	19
130	In vitro antibacterial activity of MGDG-palmitoyl from Oscillatoria acuminata NTAPC05 against extended-spectrum Î²-lactamase producers. Journal of Antibiotics, 2017, 70, 754-762.	1.0	26
131	Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens. Parasitology Research, 2017, 116, 1637-1651.	0.6	65
132	Toxicity of Camellia sinensis-Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological Abnormalities and DNA Damages. Journal of Cluster Science, 2017, 28, 2027-2040.	1.7	31
133	One-Pot Synthesis of Dysprosium Oxide Nano-Sheets: Antimicrobial Potential and Cyotoxicity on A549 Lung Cancer Cells. Journal of Cluster Science, 2017, 28, 621-635.	1.7	25
134	Purification, characterization, and statistical optimization of a thermostable Î±-amylase from desert actinobacterium Streptomyces fragilis DA7-7. 3 Biotech, 2017, 7, 350.	1.1	27
135	A study on Î²-glucan binding protein (Î²-GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus. Molecular Immunology, 2017, 92, 1-11.	1.0	13
136	Combined genotyping strategy reveals structural differences between Aspergillus flavus lineages from different habitats impacting human health. Journal of Basic Microbiology, 2017, 57, 899-909.	1.8	2
137	Green Synthesis of Ag Nanoparticles with Anti-bacterial Activity Using the Leaf Extract of an African Medicinal Plant, Ipomoea asarifolia (Convolvulaceae). Journal of Cluster Science, 2017, 28, 3009-3019.	1.7	22
138	Eco-friendly fabrication of Ag nanostructures using the seed extract of Pedalium murex , an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector Aedes aegypti and inhibition of biofilm-forming pathogenic bacteria. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 133-143.	1.7	65
139	In vitro activity of calcium channel blockers in combination with conventional antifungal agents against clinically important filamentous fungi. Acta Biologica Hungarica, 2017, 68, 334-344.	0.7	6
140	Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 404-411.	1.7	75
141	Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immune molecule Î²-1, 3-glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens. Colloids and Surfaces B: Biointerfaces, 2017, 158, 257-269.	2.5	50
142	One-Pot Green Synthesis of Silver Nanoparticles Using the Orchid Leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial Pathogens. Journal of Cluster Science, 2017, 28, 1541-1550.	1.7	20
143	Euphorbia rothiana-Fabricated Ag Nanoparticles Showed High Toxicity on Aedes aegypti Larvae and Growth Inhibition on Microbial Pathogens: A Focus on Morphological Changes in Mosquitoes and Antibiofilm Potential Against Bacteria. Journal of Cluster Science, 2017, 28, 2857-2872.	1.7	21
144	Green synthesis of gold nanoparticles using a cheap Sphaeranthus indicus extract: Impact on plant cells and the aquatic crustacean Artemia nauplii. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 598-605.	1.7	94

#	Article	IF	Citations
145	Effects of Piper cubeba L. essential oil on methicillinâ€resistant Staphylococcus aureus: an AFM and TEM study. Journal of Molecular Recognition, 2017, 30, e2564.	1.1	7
146	Single-step biological fabrication of colloidal silver nanoparticles using Hugonia mystax: larvicidal potential against Zika virus, dengue, and malaria vector mosquitoes. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1317-1325.	1.9	29
147	Green Synthesis of Silver Nanoparticles Using Arachis hypogaea (Ground Nut) Root Extract for Antibacterial and Clinical Applications. Journal of Cluster Science, 2017, 28, 995-1008.	1.7	27
148	Gum-Mediated Fabrication of Eco-Friendly Gold Nanoparticles Promoting Cell Division and Pollen Germination in Plant Cells. Journal of Cluster Science, 2017, 28, 507-517.	1.7	22
149	Purification and Properties of Extracellular Lipases with Transesterification Activity and 1,3-Regioselectivity from Rhizomucor miehei and Rhizopus oryzae. Journal of Microbiology and Biotechnology, 2017, 27, 277-288.	0.9	26
150	Insilico Analysis of Phytoconstituents from Allium sativum as Potential Inhibitors of Inha in Mycobacterium tuberculosis. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	1
151	GC-MS Analysis:In VivoHepatoprotective and Antioxidant Activities of the Essential Oil ofAchillea biebersteiniiAfan. Growing in Saudi Arabia. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	0.5	15
152	Ultrasonic Irradiation: Synthesis, Characterization, and Preliminary Antimicrobial Activity of Novel Series of 4,6-Disubstituted-1,3,5-triazine Containing Hydrazone Derivatives. Journal of Chemistry, 2016, 2016, 1-9.	0.9	12
153	Ion trap mass spectrometry of surfactins produced by Bacillus subtilis SZMC 6179J reveals novel fragmentation features of cyclic lipopeptides. Rapid Communications in Mass Spectrometry, 2016, 30, 1581-1590.	0.7	21
154	Anti-listerial effect of selected essential oils and thymol. Acta Biologica Hungarica, 2016, 67, 333-343.	0.7	8
155	Acute toxicity and repellent activity of the Origanum scabrum Boiss. & Heldr. (Lamiaceae) essential oil against four mosquito vectors of public health importance and its biosafety on non-target aquatic organisms. Environmental Science and Pollution Research, 2016, 23, 23228-23238.	2.7	37
156	Statistical optimization of exopolysaccharide production by Lactobacillus plantarum NTMI05 and NTMI20. International Journal of Biological Macromolecules, 2016, 93, 731-745.	3.6	77
157	Size-controlled fabrication of silver nanoparticles using the Hedyotis puberula leaf extract: toxicity on mosquito vectors and impact on biological control agents. RSC Advances, 2016, 6, 96573-96583.	1.7	11
158	One-pot biogenic fabrication of silver nanocrystals using Quisqualis indica: Effectiveness on malaria and Zika virus mosquito vectors, and impact on non-target aquatic organisms. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 646-655.	1.7	28
159	In vitro antibacterial activity of ZnO and Nd doped ZnO nanoparticles against ESBL producing Escherichia coli and Klebsiella pneumoniae. Scientific Reports, 2016, 6, 24312.	1.6	282
160	Green synthesis of silver, gold and silver/gold bimetallic nanoparticles using the Gloriosa superba leaf extract and their antibacterial and antibiofilm activities. Microbial Pathogenesis, 2016, 101, 1-11.	1.3	176
161	Latest about Spoilage by Yeasts: Focus on the Deterioration of Beverages and Other Plant-Derived Products. Journal of Food Protection, 2016, 79, 825-829.	0.8	15
162	Assessment of the bacterial contamination of hand air dryer in washrooms. Saudi Journal of Biological Sciences, 2016, 23, 268-271.	1.8	20

#	Article	IF	Citations
163	Characterization of transesterification reactions by Mucoromycotina lipases in non-aqueous media. Journal of Molecular Catalysis B: Enzymatic, 2016, 127, 47-55.	1.8	8
164	Biogenic metallic nanoparticles as catalyst for bioelectricity production: A novel approach in microbial fuel cells. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 203, 27-34.	1.7	30
165	Novel Bioactive Molecules from Marine Actinomycetes. Biosciences, Biotechnology Research Asia, 2016, 13, 1905-1927.	0.2	4
166	Production, Optimization and Partial Characterization of Thermostable and Alkaline Amylase from Bacillus licheniformis KSU-6. International Journal of Agriculture and Biology, 2016, 18, 1188-1194.	0.2	5
167	Characterisation of mitochondrial haplotypes occurred in aCandida albicanspopulation. Acta Biologica Hungarica, 2016, 67, 112-120.	0.7	0
168	Assessment of antinociceptive, antipyretic and antimicrobial activity of Piper cubeba L. essential oil in animal models. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 671-7.	0.2	1
169	Molecular identification and antifungal susceptibility of Curvularia australiensis, C.Âhawaiiensis and C.Âspicifera isolated from human eye infections. Mycoses, 2015, 58, 603-609.	1.8	14
170	In vitroantifungal activity of antipsychotic drugs and their combinations with conventional antifungals againstScedosporiumandPseudallescheriaisolates. Medical Mycology, 2015, 53, 890-895.	0.3	18
171	Synthesis and characterization of biocompatibility of tenorite nanoparticles and potential property against biofilm formation. Saudi Pharmaceutical Journal, 2015, 23, 421-428.	1.2	27
172	Dermatophyte and non dermatophyte fungi in Riyadh City, Saudi Arabia. Saudi Journal of Biological Sciences, 2015, 22, 604-609.	1.8	26
173	In-vitro antibacterial, antifungal, antioxidant and functional properties of Bacillus amyloliquefaciens. Annals of Clinical Microbiology and Antimicrobials, 2015, 14, 9.	1.7	80
174	One pot synthesis and anti-biofilm potential of copper nanoparticles (CuNPs) against clinical strains of Pseudomonas aeruginosa. Biofouling, 2015, 31, 379-391.	0.8	139
175	Mycelium of fungi isolated from mouldy foods inhibits Staphylococcus aureus including MRSA â€“ A rationale for the re-introduction of mycotherapy?. Saudi Journal of Biological Sciences, 2015, 22, 600-603.	1.8	1
176	Extraction and Partial Characterization of Exopolysaccharides from Marine Cyanobacteria and their Flocculation Property. Research Journal of Environmental Sciences, 2015, 9, 28-38.	0.5	23
177	Stress Induced Lipids Accumulation in Naviculoid Marine Diatoms for Bioenergy Application. International Journal of Biotechnology for Wellness Industries, 2015, 4, 18-24.	0.3	9
178	Facile and Novel Strategy for Methods of Extraction of Biofuel Grade Lipids from Microalgae- an Experimental Report. International Journal of Biotechnology for Wellness Industries, 2014, 3, 121-127.	0.3	11