

# Mariadhas Valan Arasu

## List of Publications by Year in descending order

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264  
papers

9,441  
citations

36303

51  
h-index

71685

76  
g-index

266  
all docs

266  
docs citations

266  
times ranked

10206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasonication-assisted synthesis of gold nanoparticles decorated ultrathin graphitic carbon nitride nanosheets as a highly efficient electrocatalyst for sensitive analysis of caffeic acid in food samples. <i>Applied Nanoscience (Switzerland)</i> , 2023, 13, 707-718.	3.1	12
2	Quantitative ethnobotany of Paliyar tribe in Sathuragiri hills, Virudhunagar district, Tamil Nadu, India. <i>Advances in Traditional Medicine</i> , 2023, 23, 483-501.	2.0	1
3	Biosorption of hazardous waste from the municipal wastewater by marine algal biomass. <i>Environmental Research</i> , 2022, 204, 112115.	7.5	18
4	Microscopic characterization of bioaccumulated aluminium nanoparticles in simplified food chain of aquatic ecosystem. <i>Journal of King Saud University - Science</i> , 2022, 34, 101666.	3.5	7
5	Effective degradation of Chlortetracycline using dual bio catalyst. <i>Environmental Research</i> , 2022, 204, 112339.	7.5	7
6	Isolation and characterisation of <i>Streptomyces</i> sp. Strain GLD25 with antimicrobial and antioxidant effects from Gueldaman cave (GLD1), Akbou-Algeria. <i>Journal of King Saud University - Science</i> , 2022, 34, 101719.	3.5	6
7	Bioassay-guided fractionation and isolation of Arctigenin from <i>Saussurea heteromalla</i> for in vitro and in silico cytotoxic activity against HeLa cells. <i>Physiological and Molecular Plant Pathology</i> , 2022, 117, 101749.	2.5	9
8	Bioactive potential of <i>Albizia lebbek</i> extract against phytopathogens and protective properties on tomato plant against speck disease in greenhouse. <i>Physiological and Molecular Plant Pathology</i> , 2022, 117, 101750.	2.5	9
9	Anti-Obesity Efficacy of <i>Pediococcus acidilactici</i> MNL5 in <i>Caenorhabditis elegans</i> Gut Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1276.	4.1	10
10	Anti-inflammatory role demonstrated both in vitro and in vivo models using nonsteroidal tetranortriterpenoid, Nimbin (N1) and its analogs (N2 and N3) that alleviate the domestication of alternative medicine. <i>Cell Biology International</i> , 2022, 46, 771-791.	3.0	29
11	Production and Characterization of a Novel Biosurfactant Molecule from <i>Bacillus safensis</i> YKS2 and Assessment of Its Efficiencies in Wastewater Treatment by a Directed Metagenomic Approach. <i>Sustainability</i> , 2022, 14, 2142.	3.2	23
12	TL15 of <i>Arthrospira platensis</i> sulfite reductase scavenges free radicals demonstrated in oxidant induced larval zebrafish ( <i>Danio rerio</i> ) model. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 641-653.	7.5	9
13	Fabrication of biohybrid electrospun nanofibers for the eradication of wound infection and drug-resistant pathogens. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125691.	4.7	12
14	Intracellular ROS scavenging and antioxidant regulation of WL15 from cysteine and glycine-rich protein 2 demonstrated in zebrafish in vivo model. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103863.	2.3	56
15	<i>Aerva lanata</i> -mediated bio-treated production of copper oxide nanoparticles, optimization by BBD-RSM method and its behaviour against water related mosquito. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 207-216.	3.1	11
16	Cytotoxicity behaviour of response surface model optimized gold nanoparticles by utilizing fucoidan extracted from <i>Padina tetrastratica</i> . <i>Journal of Molecular Structure</i> , 2021, 1228, 129440.	3.6	22
17	Adverse Effect of Antibiotics Administration on Horse Health: An Overview. <i>Journal of Equine Veterinary Science</i> , 2021, 97, 103339.	0.9	10
18	Emerging paradigms of viral diseases and paramount role of natural resources as antiviral agents. <i>Science of the Total Environment</i> , 2021, 759, 143539.	8.0	23

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19	Impact on degradation of antibiotics from poultry litter using Autothermal Thermophilic Aerobic Digestion (ATAD). Saudi Journal of Biological Sciences, 2021, 28, 988-992.	3.8	6
20	Removal of nitrogen from wastewater of date processing industries using a Saudi Arabian mesophilic bacterium, <i>Stenotrophomonas maltophilia</i> Al-Dhabi-17 in sequencing batch reactor. Chemosphere, 2021, 268, 128636.	8.2	23
21	Effective degradation of tetracycline by manganese peroxidase producing <i>Bacillus velezensis</i> strain Al-Dhabi 140 from Saudi Arabia using fibrous-bed reactor. Chemosphere, 2021, 268, 128726.	8.2	33
22	Pharmacologic downregulation of protein arginine methyltransferase1 expression by adenosine dialdehyde increases cell senescence in breast cancer. European Journal of Pharmacology, 2021, 891, 173697.	3.5	3
23	Conversion of waste frying oil into biodiesel using recoverable nanocatalyst based on magnetic graphene oxide supported ternary mixed metal oxide nanoparticles. Bioresource Technology, 2021, 323, 124561.	9.6	38
24	Medicinal Plants, Phytochemicals, and Herbs to Combat Viral Pathogens Including SARS-CoV-2. Molecules, 2021, 26, 1775.	3.8	68
25	Green synthesis of lignin nanorods/g-C <sub>3</sub> N <sub>4</sub> nanocomposite materials for efficient photocatalytic degradation of triclosan in environmental water. Chemosphere, 2021, 272, 129801.	8.2	22
26	Pharmacological importance of TG12 from tachykinin and its toxicological behavior against multidrug-resistant bacteria <i>Klebsiella pneumoniae</i> . Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 245, 108974.	2.6	6
27	Insulin signaling pathway assessment by enhancing antioxidant activity due to morin using in vitro rat skeletal muscle L6 myotubes cells. Molecular Biology Reports, 2021, 48, 5857-5872.	2.3	35
28	Synthesis and characterization of magnetite carbon nanocomposite from agro waste as chromium adsorbent for effluent treatment. Environmental Research, 2021, 202, 111669.	7.5	15
29	NV14 from serine acetyltransferase of cyanobacteria influences the antioxidant enzymes in vitro cells, gene expression against H <sub>2</sub> O <sub>2</sub> and other responses in vivo zebrafish larval model. Cell Biology International, 2021, 45, 2331-2346.	3.0	26
30	Assessment on In Vitro Probiotic Attributes of <i>Lactobacillus plantarum</i> Isolated From Horse Feces. Journal of Equine Veterinary Science, 2021, 107, 103769.	0.9	6
31	Sustainable biotreatment of textile dye effluent water by using earthworms through vermifiltration. Journal of King Saud University - Science, 2021, 33, 101615.	3.5	6
32	Isolation and characterization of novel <i>Streptomyces</i> strain from Algeria and its in-vitro antimicrobial properties against microbial pathogens. Journal of Infection and Public Health, 2021, 14, 1671-1678.	4.1	10
33	Effective removal of pharmaceutical impurities and nutrients using biocatalyst from the municipal wastewater with moving bed packed reactor. Environmental Research, 2021, 200, 111777.	7.5	17
34	Oxidative stress induced antioxidant and neurotoxicity demonstrated in vivo zebrafish embryo or larval model and their normalization due to morin showing therapeutic implications. Life Sciences, 2021, 283, 119864.	4.3	44
35	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication. Microbial Pathogenesis, 2021, 159, 105133.	2.9	16
36	Environmental photochemistry in <i>Solanum trilobatum</i> mediated plasmonic nanoparticles as a probe for the detection of Cd <sup>2+</sup> ions in water. Environmental Research, 2021, 202, 111918.	7.5	11

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37	Rapid simultaneous clinical monitoring of five oral anti-coagulant drugs in human urine using green microextraction technique coupled with LC-MS/MS. <i>Journal of King Saud University - Science</i> , 2021, 33, 101602.	3.5	4
38	Sequestration of toxic Pb(II) ions using ultrasonic modified agro waste: Adsorption mechanism and modelling study. <i>Chemosphere</i> , 2021, 285, 131502.	8.2	14
39	Probiotic Characteristics of <i>Ligilactobacillus salivarius</i> AS22 Isolated from Sheep Dung and Its Application in Corn-Fox Tail Millet Silage. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9447.	2.5	5
40	Cholecalciferol and metformin protect against lipopolysaccharide-induced endothelial dysfunction and senescence by modulating sirtuin-1 and protein arginine methyltransferase-1. <i>European Journal of Pharmacology</i> , 2021, 912, 174531.	3.5	11
41	GR15 peptide of S-adenosylmethionine synthase (SAME) from <i>Arthrospira platensis</i> demonstrated antioxidant mechanism against H <sub>2</sub> O <sub>2</sub> induced oxidative stress in in-vitro MDCK cells and in-vivo zebrafish larvae model. <i>Journal of Biotechnology</i> , 2021, 342, 79-91.	3.8	29
42	Editorial on Antimicrobial Resistance and its Prevalence. <i>Journal of Infection and Public Health</i> , 2021, 14, 1739.	4.1	2
43	Chemical constituents of <i>Streptomyces</i> sp. strain Al-Dhabi-97 isolated from the marine region of Saudi Arabia with antibacterial and anticancer properties. <i>Journal of Infection and Public Health</i> , 2020, 13, 235-243.	4.1	25
44	Characterization and fermentation optimization of novel thermo stable alkaline protease from <i>Streptomyces</i> sp. Al-Dhabi-82 from the Saudi Arabian environment for eco-friendly and industrial applications. <i>Journal of King Saud University - Science</i> , 2020, 32, 1258-1264.	3.5	33
45	Metabolite profiling of <i>Streptomyces</i> sp. Al-Dhabi-100 isolated from the marine environment in Saudi Arabia with anti-bacterial, anti-tubercular and anti-oxidant potentials. <i>Journal of King Saud University - Science</i> , 2020, 32, 1628-1633.	3.5	11
46	The down regulation of PTP1B expression and attenuation of disturbed glucose and lipid metabolism using <i>Borassus flabellifer</i> (L) fruit methanol extract in high fat diet and streptozotocin induced diabetic rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 433-440.	3.8	6
47	Isolation and screening of <i>Streptomyces</i> sp. Al-Dhabi-49 from the environment of Saudi Arabia with concomitant production of lipase and protease in submerged fermentation. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 474-479.	3.8	42
48	Evaluation of in vivo sub-chronic and heavy metal toxicity of under-exploited seaweeds for food application. <i>Journal of King Saud University - Science</i> , 2020, 32, 1088-1095.	3.5	14
49	Marine invertebrates' proteins: A recent update on functional property. <i>Journal of King Saud University - Science</i> , 2020, 32, 1496-1502.	3.5	14
50	Biopolymeric nanocomposite scaffolds for bone tissue engineering applications – A review. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101452.	3.0	99
51	Veterinary antibiotics in animal manure and manure laden soil: Scenario and challenges in Asian countries. <i>Journal of King Saud University - Science</i> , 2020, 32, 1300-1305.	3.5	88
52	Occupational health hazards on workers exposure to lead (Pb): A genotoxicity analysis. <i>Journal of Infection and Public Health</i> , 2020, 13, 527-531.	4.1	25
53	Isolation and purification of starch hydrolysing amylase from <i>Streptomyces</i> sp. Al-Dhabi-46 obtained from the Jazan region of Saudi Arabia with industrial applications. <i>Journal of King Saud University - Science</i> , 2020, 32, 1226-1232.	3.5	19
54	Probiotic and Antioxidant Potential of <i>Lactobacillus reuteri</i> LR12 and <i>Lactobacillus lactis</i> LL10 Isolated from Pineapple Puree and Quality Analysis of Pineapple-Flavored Goat Milk Yoghurt during Storage. <i>Microorganisms</i> , 2020, 8, 1461.	3.6	49

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55	Green synthesis of silver nanoparticles using aqueous rhizome extract of <i>Zingiber officinale</i> and <i>Curcuma longa</i> : In-vitro anti-cancer potential on human colon carcinoma HT-29 cells. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2980-2986.	3.8	67
56	Shrimp shells extracted chitin in silver nanoparticle synthesis: Expanding its prophecy towards anticancer activity in human hepatocellular carcinoma HepG2 cells. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1402-1409.	7.5	16
57	Photo-mediated biosynthesis and characterization of silver nanoparticles using bacterial xylanases as reductant: Role of synthesized product (Xyl-AgNPs) in fruits juice clarification. <i>Surfaces and Interfaces</i> , 2020, 21, 100747.	3.0	6
58	Sustainable conversion of palm juice wastewater into extracellular polysaccharides for absorption of heavy metals from Saudi Arabian wastewater. <i>Journal of Cleaner Production</i> , 2020, 277, 124252.	9.3	19
59	Synthesis and characterization of zinc oxide nanostructures and its assessment on enhanced bacterial inhibition and photocatalytic degradation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111965.	3.8	34
60	Synthesis and characterization of proanthocyanidin-chitosan nanoparticles: An assessment on human colorectal carcinoma HT-29 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111966.	3.8	12
61	Fer1L5, a Dysferlin Homologue Present in Vesicles and Involved in C2C12 Myoblast Fusion and Membrane Repair. <i>Biology</i> , 2020, 9, 386.	2.8	3
62	Enhanced Production of Biosurfactant from <i>Bacillus subtilis</i> Strain Al-Dhabi-130 under Solid-State Fermentation Using Date Molasses from Saudi Arabia for Bioremediation of Crude-Oil-Contaminated Soils. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8446.	2.6	36
63	Exposure of rainbow trout ( <i>Oncorhynchus mykiss</i> ) to magnetite (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles in simplified food chain: Study on ultrastructural characterization. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3258-3266.	3.8	7
64	Raltegravir, Indinavir, Tipranavir, Dolutegravir, and Etravirine against main protease and RNA-dependent RNA polymerase of SARS-CoV-2: A molecular docking and drug repurposing approach. <i>Journal of Infection and Public Health</i> , 2020, 13, 1856-1861.	4.1	44
65	Innate immune function of serine/threonine-protein kinase from <i>Macrobrachium rosenbergii</i> in response to host-pathogen interactions. <i>Fish and Shellfish Immunology</i> , 2020, 106, 332-340.	3.6	5
66	Peroxiredoxin of <i>Arthrospira platensis</i> derived short molecule YT12 influences antioxidant and anticancer activity. <i>Cell Biology International</i> , 2020, 44, 2231-2242.	3.0	6
67	Temperature effect on CuO nanoparticles: Antimicrobial activity towards bacterial strains. <i>Surfaces and Interfaces</i> , 2020, 21, 100761.	3.0	22
68	Co-Fermentation of Food Waste and Municipal Sludge from the Saudi Arabian Environment to Improve Lactic Acid Production by <i>Lactobacillus rhamnosus</i> AW3 Isolated from Date Processing Waste. <i>Sustainability</i> , 2020, 12, 6899.	3.2	16
69	Molecular process of glucose uptake and glycogen storage due to hamamelitannin via insulin signalling cascade in glucose metabolism. <i>Molecular Biology Reports</i> , 2020, 47, 6727-6740.	2.3	31
70	Nephroprotective effect of pigmented violacein isolated from <i>Chromobacterium violaceum</i> in wistar rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3307-3312.	3.8	7
71	Probiotic characteristics of <i>Lactobacillus</i> strains isolated from cheese and their antibacterial properties against gastrointestinal tract pathogens. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3505-3513.	3.8	38
72	Essential oils of <i>Cinnamomum loureirii</i> and <i>Evolvulus alsinoides</i> protect guava fruits from spoilage bacteria, fungi and insect ( <i>Pseudococcus longispinus</i> ). <i>Industrial Crops and Products</i> , 2020, 154, 112629.	5.2	22

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73	Antibiogram and plasmid profiling of beta-lactamase producing multi drug resistant <i>Staphylococcus aureus</i> isolated from poultry litter. <i>Journal of King Saud University - Science</i> , 2020, 32, 2723-2727.	3.5	13
74	Green synthesis and characterization of silver nanoparticles from <i>Moringa oleifera</i> flower and assessment of antimicrobial and sensing properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111836.	3.8	146
75	Phyto-synthesis of CuO nano-particles and its catalytic application in C-S bond formation. <i>Materials Letters</i> , 2020, 266, 127486.	2.6	12
76	Photo-activated synthesis and characterization of gold nanoparticles from <i>Punica granatum</i> L. seed oil: An assessment on antioxidant and anticancer properties for functional yoghurt nutraceuticals. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 206, 111868.	3.8	29
77	Purification and characterization of anti-tubercular and anticancer protein from <i>Staphylococcus hominis</i> strain MANF2: In silico structural and functional insight of peptide. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1107-1116.	3.8	13
78	Potential effect of <i>Allium sativum</i> bulb for the treatment of biofilm forming clinical pathogens recovered from periodontal and dental caries. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1428-1434.	3.8	29
79	Photocatalytic oxygen evolution reaction for energy conversion and storage of functional nanomaterials. , 2020, , 55-81.		3
80	Biopolymer from edible marine invertebrates: A potential functional food. <i>Journal of King Saud University - Science</i> , 2020, 32, 1772-1777.	3.5	11
81	Synthesis of titanium oxide nanoparticles using <i>Aloe barbadensis</i> mill and evaluation of its antibiofilm potential against <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111667.	3.8	101
82	Biosynthesis of silver and gold nanoparticles using <i>Musa acuminata</i> colla flower and its pharmaceutical activity against bacteria and anticancer efficacy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111670.	3.8	128
83	Clinically important microbial diversity and its antibiotic resistance pattern towards various drugs. <i>Journal of Infection and Public Health</i> , 2019, 12, 783-788.	4.1	16
84	Environmental friendly synthesis of silver nanomaterials from the promising <i>Streptomyces parvus</i> strain Al-Dhabi-91 recovered from the Saudi Arabian marine regions for antimicrobial and antioxidant properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111529.	3.8	38
85	Improved photocatalytic decomposition of aqueous Rhodamine-B by solar light illuminated hierarchical yttria nanosphere decorated ceria nanorods. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2898-2909.	5.8	104
86	Synthesis and characterization of ZnO nanoflakes anchored carbon nanoplates for antioxidant and anticancer activity in MCF7 cell lines. <i>Materials Science and Engineering C</i> , 2019, 102, 536-540.	7.3	32
87	Essential oil of four medicinal plants and protective properties in plum fruits against the spoilage bacteria and fungi. <i>Industrial Crops and Products</i> , 2019, 133, 54-62.	5.2	51
88	CuO/C nanocomposite: Synthesis and optimization using sucrose as carbon source and its antifungal activity. <i>Materials Science and Engineering C</i> , 2019, 101, 404-414.	7.3	45
89	Chemical profiling of <i>Streptomyces</i> sp. Al-Dhabi-2 recovered from an extreme environment in Saudi Arabia as a novel drug source for medical and industrial applications. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 758-766.	3.8	42
90	Environmental friendly synthesis of TiO <sub>2</sub> -ZnO nanocomposite catalyst and silver nanomaterials for the enhanced production of biodiesel from <i>Ulva lactuca</i> seaweed and potential antimicrobial properties against the microbial pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 193, 118-130.	3.8	68

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91	Bioactivity assessment of the Saudi Arabian Marine <i>Streptomyces</i> sp. Al-Dhabi-90, metabolic profiling and its in vitro inhibitory property against multidrug resistant and extended-spectrum beta-lactamase clinical bacterial pathogens. <i>Journal of Infection and Public Health</i> , 2019, 12, 549-556.	4.1	50
92	Optimizing the Management of Cadmium Bioremediation Capacity of Metal-Resistant <i>Pseudomonas</i> sp. Strain Al-Dhabi-126 Isolated from the Industrial City of Saudi Arabian Environment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4788.	2.6	30
93	Composting of Vegetable Waste Using Microbial Consortium and Biocontrol Efficacy of <i>Streptomyces</i> Sp. Al-Dhabi 30 Isolated from the Saudi Arabian Environment for Sustainable Agriculture. <i>Sustainability</i> , 2019, 11, 6845.	3.2	17
94	Enhanced production of fibrinolytic enzyme by a new <i>Xanthomonas oryzae</i> IND3 using low-cost culture medium by response surface methodology. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 217-224.	3.8	30
95	Rapid biosynthesis and characterization of silver nanoparticles from the leaf extract of <i>Tropaeolum majus</i> L. and its enhanced in-vitro antibacterial, antifungal, antioxidant and anticancer properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 65-74.	3.8	213
96	Positive effects of compost and vermicompost produced from tannery waste-animal fleshing on the growth and yield of commercial crop-tomato ( <i>Lycopersicon esculentum</i> L.) plant. <i>Journal of Environmental Management</i> , 2019, 234, 154-158.	7.8	42
97	Simultaneous production of commercial enzymes using agro industrial residues by statistical approach. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 2685-2696.	3.5	14
98	One step green synthesis of larvicidal, and azo dye degrading antibacterial nanoparticles by response surface methodology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 190, 154-162.	3.8	121
99	Therapeutic Cationic Antimicrobial Peptide (CAP) Derived from Fish Aspartic Proteinase Cathepsin D and its Antimicrobial Mechanism. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 93-105.	1.9	18
100	In vitro investigation on probiotic, anti-Candida, and antibiofilm properties of <i>Lactobacillus pentosus</i> strain LAP1. <i>Archives of Oral Biology</i> , 2018, 89, 99-106.	1.8	46
101	Molecular characterization of glucosinolates and carotenoid biosynthetic genes in Chinese cabbage ( <i>Brassica chinensis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 101	3.8	16
102	Fish Heat Shock Cognate 70 Derived AMPs CshSC70 A1 and CshSC70 A2. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 143-155.	1.9	8
103	Effect of different proportion of sulphur treatments on the contents of glucosinolate in kale ( <i>Brassica oleracea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 103 <i>Biological Sciences</i> , 2018, 25, 349-353.	3.8	15
104	Bactericidal and fungistatic activity of peptide derived from GH18 domain of prawn chitinase 3 and its immunological functions during biological stress. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1014-1022.	7.5	24
105	Oxidative Hydrothermal Synthesis of Ce <sub>2</sub> O <sub>3</sub> –ZrO <sub>2</sub> –Y <sub>2</sub> O <sub>3</sub> Nanocomposites and Their Photocatalytic and Biological Studies. <i>Journal of Bionanoscience</i> , 2018, 12, 478-487.	0.4	3
106	Evaluation on La <sub>2</sub> O <sub>3</sub> garlanded ceria heterostructured binary metal oxide nanoplates for UV/ visible light induced removal of organic dye from urban wastewater. <i>South African Journal of Chemical Engineering</i> , 2018, 26, 49-60.	2.4	124
107	A comparative transcriptome approach for identification of molecular changes in <i>Aphanomyces invadans</i> infected <i>Channa striatus</i> . <i>Molecular Biology Reports</i> , 2018, 45, 2511-2523.	2.3	31
108	Green biosynthesis of silver nanoparticles produced from marine <i>Streptomyces</i> sp. Al-Dhabi-89 and their potential applications against wound infection and drug resistant clinical pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 189, 176-184.	3.8	73

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109	Photocatalytic decomposition effect of erbium doped cerium oxide nanostructures driven by visible light irradiation: Investigation of cytotoxicity, antibacterial growth inhibition using catalyst. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 275-282.	3.8	155
110	Environmentally-Friendly Green Approach for the Production of Zinc Oxide Nanoparticles and Their Anti-Fungal, Ovicidal, and Larvicidal Properties. Nanomaterials, 2018, 8, 500.	4.1	131
111	Characterization of Silver Nanomaterials Derived from Marine Streptomyces sp. Al-Dhabi-87 and Its In Vitro Application against Multidrug Resistant and Extended-Spectrum Beta-Lactamase Clinical Pathogens. Nanomaterials, 2018, 8, 279.	4.1	82
112	Molecular insight into the metabolic activities of a protein-rich micro alga, Arthrospira platensis by de novo transcriptome analysis. Molecular Biology Reports, 2018, 45, 829-838.	2.3	17
113	Quantification of major phenolic and flavonoid markers in forage crop Lolium multiflorum using HPLC-DAD. Revista Brasileira De Farmacognosia, 2018, 28, 282-288.	1.4	34
114	Recent developments of metal oxide based heterostructures for photocatalytic applications towards environmental remediation. Journal of Solid State Chemistry, 2018, 267, 35-52.	2.9	187
115	Combined effect of Nitrogen, Phosphorus and Potassium fertilizers on the contents of glucosinolates in rocket salad ( <i>Eruca sativa</i> Mill.). Saudi Journal of Biological Sciences, 2017, 24, 436-443.	3.8	39
116	Variation of quercetin glycoside derivatives in three onion ( <i>Allium cepa</i> L.) varieties. Saudi Journal of Biological Sciences, 2017, 24, 1387-1391.	3.8	80
117	Promoter polymorphism ( $\sim 590$ , T/C) of interleukin 4 (IL4) gene is associated with rheumatoid arthritis: An updated meta-analysis. Saudi Journal of Biological Sciences, 2017, 24, 444-449.	3.8	15
118	Synthesis and insecticidal activity of acridone derivatives to <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> larvae and non-target aquatic species. Scientific Reports, 2017, 7, 39753.	3.3	6
119	Transcriptome changes of blue-green algae, <i>Arthrospira</i> sp. in response to sulfate stress. Algal Research, 2017, 23, 96-103.	4.6	46
120	Bactericidal activity of fish galectin 4 derived membrane-binding peptide tagged with oligotryptophan. Developmental and Comparative Immunology, 2017, 71, 37-48.	2.3	24
121	Ethephon-induced phenylpropanoid accumulation and related gene expression in tartary buckwheat ( <i>Fagopyrum tataricum</i> (L.) Gaertn.) hairy root. Biotechnology and Biotechnological Equipment, 2017, 31, 304-311.	1.3	12
122	Metabolic profiling of pale green and purple kohlrabi ( <i>Brassica oleracea</i> var. <i>gongylodes</i> ). Applied Biological Chemistry, 2017, 60, 249-257.	1.9	31
123	<i>In vitro</i> antifungal, probiotic, and antioxidant functional properties of a novel <i>Lactobacillus paraplantarum</i> isolated from fermented dates in Saudi Arabia. Journal of the Science of Food and Agriculture, 2017, 97, 5287-5295.	3.5	14
124	Differences in structure and changes in gene regulation of murrel molecular chaperone HSP family during epizootic ulcerative syndrome (EUS) infection. Fish and Shellfish Immunology, 2017, 60, 129-140.	3.6	4
125	<i>Cocos nucifera</i> coir-mediated green synthesis of Pd NPs and its investigation against larvae and agricultural pest. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1581-1587.	2.8	34
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