

# Veeramuthu Duraipandiyan

## List of Publications by Year in descending order

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152  
papers

5,881  
citations

57719

44  
h-index

106281

65  
g-index

155  
all docs

155  
docs citations

155  
times ranked

6946  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Antimicrobial activity of some ethnomedicinal plants used by Paliyar tribe from Tamil Nadu, India. BMC Complementary and Alternative Medicine, 2006, 6, 35.  | 3.7 | 349       |
| 2  | Petroleum and polycyclic aromatic hydrocarbons (PAHs) degradation and naphthalene metabolism in <i>Streptomyces</i> sp. (ERI-CPDA-1) isolated from oil contaminated soil. Bioresource Technology, 2012, 112, 83-90.  | 4.8 | 161       |
| 3  | Antibacterial and antifungal activity of Flindersine isolated from the traditional medicinal plant, <i>Toddalia asiatica</i> (L.) Lam.. Journal of Ethnopharmacology, 2009, 123, 494-498.  | 2.0 | 142       |
| 4  | Antidiabetic and antilipidemic effect of eremanthin from <i>Costus speciosus</i> (Koen.) Sm., in STZ-induced diabetic rats. Chemo-Biological Interactions, 2009, 182, 67-72.   | 1.7 | 137       |
| 5  | Antibacterial and antifungal activity of <i>Cassia fistula</i> L.: An ethnomedicinal plant. Journal of Ethnopharmacology, 2007, 112, 590-594.  | 2.0 | 125       |
| 6  | Anti-inflammatory, analgesic and antipyretic effects of friedelin isolated from <i>Azima tetraacantha</i> Lam. in mouse and rat models. Journal of Pharmacy and Pharmacology, 2011, 63, 1070-1077.   | 1.2 | 122       |
| 7  | One step green synthesis of larvicidal, and azo dye degrading antibacterial nanoparticles by response surface methodology. Journal of Photochemistry and Photobiology B: Biology, 2019, 190, 154-162.  | 1.7 | 121       |
| 8  | Antidiabetic activity of $\beta$ -sitosterol isolated from <i>Lippia nodiflora</i> L. in streptozotocin induced diabetic rats. European Journal of Pharmacology, 2011, 667, 410-418.   | 1.7 | 111       |
| 9  | Normo-glycemic and hypolipidemic effect of costunolide isolated from <i>Costus speciosus</i> (Koen ex.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307 T  | 1.7 | 95        |
| 10 | Antidiabetic and antioxidant activities of <i>Toddalia asiatica</i> (L.) Lam. leaves in Streptozotocin induced diabetic rats. Journal of Ethnopharmacology, 2012, 143, 515-523.  | 2.0 | 95        |
| 11 | Antibacterial and antifungal activities of polyketide metabolite from marine <i>Streptomyces</i> sp. AP-123 and its cytotoxic effect. Chemosphere, 2013, 90, 479-487.  | 4.2 | 91        |
| 12 | Anti-dengue efficacy of bioactive andrographolide from <i>Andrographis paniculata</i> (Lamiales:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T   | 0.9 | 88        |
| 13 | Antidiabetic effect of plumbagin isolated from <i>Plumbago zeylanica</i> L. root and its effect on GLUT4 translocation in streptozotocin-induced diabetic rats. Food and Chemical Toxicology, 2012, 50, 4356-4363.   | 1.8 | 85        |
| 14 | Isolation, screening and partial purification of antimicrobial antibiotics from soil <i>Streptomyces</i> sp. SCA 7. Kaohsiung Journal of Medical Sciences, 2014, 30, 435-446.  | 0.8 | 85        |
| 15 | Protective effects of friedelin isolated from <i>Azima tetraacantha</i> Lam. against ethanol-induced gastric ulcer in rats and possible underlying mechanisms. European Journal of Pharmacology, 2015, 750, 167-175.   | 1.7 | 73        |
| 16 | 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. Journal of Photochemistry and Photobiology B: Biology, 2018, 189, 176-184. | 1.7 | 73        |
| 17 | Facile and diastereoselective synthesis of 3,2- $\beta$ -spiropyrrolidine-oxindoles derivatives, their molecular docking and antiproliferative activities. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 389-399.  | 1.0 | 70        |
| 18 | Antimicrobial activity of sesquiterpene lactones isolated from traditional medicinal plant, <i>Costus speciosus</i> (Koen ex. Retz.) Sm. BMC Complementary and Alternative Medicine, 2012, 12, 13.   | 3.7 | 67        |

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|----|---|-----|-----------|
| 19 | Extracellular biosynthesis of silver nanoparticle using <i>Streptomyces</i> sp. 09 PBT 005 and its antibacterial and cytotoxic properties. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 169-180.   | 1.6 | 66        |
| 20 | Antimicrobial activity of <i>Streptomyces</i> spp. ERI-26 recovered from Western Ghats of Tamil Nadu. <i>Journal De Mycologie Medicale</i> , 2008, 18, 147-153.   | 0.7 | 65        |
| 21 | In vitro antimicrobial activity of <i>Streptomyces</i> spp. ERI-3 isolated from Western Ghats rock soil (India). <i>Journal De Mycologie Medicale</i> , 2009, 19, 22-28.  | 0.7 | 64        |
| 22 | Identification and Characterization of <i>Lactobacillus brevis</i> P68 with Antifungal, Antioxidant and Probiotic Functional Properties. <i>Indian Journal of Microbiology</i> , 2015, 55, 19-28.   | 1.5 | 64        |
| 23 | Developmental response of <i>Spodoptera litura</i> Fab. to treatments of crude volatile oil from <i>Piper betle</i> L. and evaluation of toxicity to earthworm, <i>Eudrilus eugeniae</i> Kinb.. <i>Chemosphere</i> , 2016, 155, 336-347.  | 4.2 | 64        |
| 24 | Antifeedant, larvicidal and pupicidal activities of <i>Atalantia monophylla</i> (L) Correa against <i>Helicoverpa armigera</i> Hubner (Lepidoptera: Noctuidae). <i>Chemosphere</i> , 2009, 75, 355-359.   | 4.2 | 63        |
| 25 | Antifeedant, larvicidal and growth inhibitory bioactivities of novel polyketide metabolite isolated from <i>Streptomyces</i> sp. AP-123 against <i>Helicoverpa armigera</i> and <i>Spodoptera litura</i> . <i>BMC Microbiology</i> , 2013, 13, 105.   | 1.3 | 62        |
| 26 | Utilization of molecular markers for improving the phosphorus efficiency in crop plants. <i>Plant Breeding</i> , 2018, 137, 10-26.  | 1.0 | 62        |
| 27 | Isolation, identification and screening of antimicrobial thermophilic <i>Streptomyces</i> sp. Al-Dhabi-1 isolated from Tharban hot spring, Saudi Arabia. <i>Extremophiles</i> , 2016, 20, 79-90.  | 0.9 | 61        |
| 28 | Effect of High Dietary Tryptophan on Intestinal Morphology and Tight Junction Protein of Weaned Pig. <i>BioMed Research International</i> , 2016, 2016, 1-6.  | 0.9 | 58        |
| 29 | Protective effects of <i>Ficus carica</i> leaves on glucose and lipids levels, carbohydrate metabolism enzymes and $\beta$ -cells in type 2 diabetic rats. <i>Pharmaceutical Biology</i> , 2017, 55, 1074-1081.   | 1.3 | 57        |
| 30 | L-Glutamine and L-arginine protect against enterotoxigenic <i>Escherichia coli</i> infection via intestinal innate immunity in mice. <i>Amino Acids</i> , 2017, 49, 1945-1954.  | 1.2 | 56        |
| 31 | In vitro antimicrobial, antioxidant and cytotoxic properties of <i>Streptomyces lavendulae</i> strain SCA5. <i>BMC Microbiology</i> , 2014, 14, 291.  | 1.3 | 55        |
| 32 | Methionine restriction on oxidative stress and immune response in dss-induced colitis mice. <i>Oncotarget</i> , 2017, 8, 44511-44520.   | 0.8 | 55        |
| 33 | Antimicrobial activity of Ulopterol isolated from <i>Toddalia asiatica</i> (L.) Lam.: A traditional medicinal plant. <i>Journal of Ethnopharmacology</i> , 2012, 140, 161-165.  | 2.0 | 54        |
| 34 | Target and non-target toxicity of botanical insecticide derived from <i>Couroupita guianensis</i> L. flower against generalist herbivore, <i>Spodoptera litura</i> Fab. and an earthworm, <i>Eisenia foetida</i> Savigny. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 260-270. | 2.9 | 54        |
| 35 | Antioxidant, free radical scavenging and liver protective effects of friedelin isolated from <i>Azima tetraantha</i> Lam. leaves. <i>Food Chemistry</i> , 2013, 139, 860-865.   | 4.2 | 53        |
| 36 | Chemopreventive potential of Epoxy clerodane diterpene from <i>Tinospora cordifolia</i> against diethylnitrosamine-induced hepatocellular carcinoma. <i>Investigational New Drugs</i> , 2009, 27, 347-355.  | 1.2 | 52        |

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|----|--|-----|-----------|
| 37 | Identification of putative QTLs for seedling stage phosphorus starvation response in finger millet ( <i>Eleusine coracana</i> L. Gaertn.) by association mapping and cross species synteny analysis. <i>PLoS ONE</i> , 2017, 12, e0183261.   | 1.1 | 52        |
| 38 | Using molecular markers to assess the genetic diversity and population structure of finger millet ( <i>Eleusine coracana</i> (L.) Gaertn.) from various geographical regions. <i>Genetic Resources and Crop Evolution</i> , 2016, 63, 361-376.   | 0.8 | 51        |
| 39 | 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. | 1.9 | 50        |
| 40 | In vitro anticancer activity of methyl caffeate isolated from <i>Solanum torvum</i> Swartz. fruit. <i>Chemico-Biological Interactions</i> , 2015, 242, 81-90.  | 1.7 | 49        |
| 41 | Comparative analysis of mosquito ( <i>Diptera: Culicidae: Aedes aegypti</i> Liston) responses to the insecticide Temephos and plant derived essential oil derived from <i>Piper betle</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 439-446.  | 2.9 | 49        |
| 42 | 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.  | 1.6 | 49        |
| 43 | Antimicrobial and Antimycobacterial Activities of Methyl Caffeate Isolated from <i>Solanum torvum</i> Swartz. Fruit. <i>Indian Journal of Microbiology</i> , 2012, 52, 676-681.  | 1.5 | 47        |
| 44 | Enhancement of photoprotection potential of catechin loaded nanoemulsion gel against UVA induced oxidative stress. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 318-329.  | 1.7 | 47        |
| 45 | Tracing QTLs for Leaf Blast Resistance and Agronomic Performance of Finger Millet ( <i>Eleusine</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Analyses. <i>PLoS ONE</i> , 2016, 11, e0159264.  | 1.1 | 46        |
| 46 | Antimicrobial and Cytotoxic Properties of <i>Streptomyces</i> Sp. (ERINLG-51) Isolated from Southern Western Ghats. <i>South Indian Journal of Biological Sciences</i> , 2016, 1, 7.   | 0.9 | 46        |
| 47 | A flavonoid isolated from <i>Streptomyces</i> sp. (ERINLG-4) induces apoptosis in human lung cancer A549 cells through p53 and cytochrome c release caspase dependant pathway. <i>Chemico-Biological Interactions</i> , 2014, 224, 24-35.  | 1.7 | 45        |
| 48 | Antifungal activity of traditional medicinal plants from Tamil Nadu, India. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2011, 1, S204-S215.   | 0.5 | 44        |
| 49 | Biological properties of Endophytic Fungi. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .   | 0.5 | 44        |
| 50 | Assessment of genetic diversity, population structure and relationships in Indian and non-Indian genotypes of finger millet ( <i>Eleusine coracana</i> (L.) Gaertn) using genomic SSR markers. <i>SpringerPlus</i> , 2016, 5, 120.   | 1.2 | 44        |
| 51 | <i>Macleaya cordata</i> extract alleviated oxidative stress and altered innate immune response in mice challenged with enterotoxigenic <i>Escherichia coli</i> . <i>Science China Life Sciences</i> , 2019, 62, 1019-1027.   | 2.3 | 44        |
| 52 | 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.  | 1.8 | 42        |
| 53 | In-vitro antimicrobial, antibiofilm, cytotoxic, antifeedant and larvicidal properties of novel quinone isolated from <i>Aegle marmelos</i> (Linn.) Correa. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 48.   | 1.7 | 41        |
| 54 | A review of the immunomodulatory role of dietary tryptophan in livestock and poultry. <i>Amino Acids</i> , 2017, 49, 67-74.  | 1.2 | 40        |

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|----|---|-----|-----------|
| 55 | Anticancer activity of Rhein isolated from <i>Cassia fistula</i> L. flower. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S517-S523.  | 0.5 | 39        |
| 56 | Pyrrrolidine Dithiocarbamate Inhibits NF-KappaB Activation and Upregulates the Expression of Gpx1, Gpx4, Occludin, and ZO-1 in DSS-Induced Colitis. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1716-1728.   | 1.4 | 39        |
| 57 | Antimicrobial properties of actinomycetes from the soil of Himalaya. <i>Journal De Mycologie Medicale</i> , 2010, 20, 15-20.  | 0.7 | 38        |
| 58 | Quantitative ethnobotany of traditional Siddha medical practitioners from Radhapuram taluk of Tirunelveli District, Tamil Nadu, India. <i>Journal of Ethnopharmacology</i> , 2012, 143, 540-547.  | 2.0 | 38        |
| 59 | Toxic effect of <i>Atalantia monophylla</i> essential oil on <i>Callosobruchus maculatus</i> and <i>Sitophilus oryzae</i> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 1619-1629.  | 2.7 | 38        |
| 60 | 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. | 1.7 | 38        |
| 61 | Chitosan Modulates Inflammatory Responses in Rats Infected with Enterotoxigenic <i>Escherichia coli</i> . <i>Mediators of Inflammation</i> , 2016, 2016, 1-6.   | 1.4 | 37        |
| 62 | Antioxidant, antilipidemic and antidiabetic effects of ficusin with their effects on GLUT4 translocation and PPAR $\gamma$ expression in type 2 diabetic rats. <i>Chemico-Biological Interactions</i> , 2016, 256, 85-93.   | 1.7 | 37        |
| 63 | Antibacterial activity of some actinomycetes from Tamil Nadu, India. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 936-943.   | 0.5 | 36        |
| 64 | Potential mode of action of a novel plumbagin as a mosquito repellent against the malarial vector <i>Anopheles stephensi</i> , (Culicidae: Diptera). <i>Pesticide Biochemistry and Physiology</i> , 2016, 134, 84-93.   | 1.6 | 35        |
| 65 | Acute toxicity of chemical pesticides and plant-derived essential oil on the behavior and development of earthworms, <i>Eudrilus eugeniae</i> (Kinberg) and <i>Eisenia fetida</i> (Savigny). <i>Environmental Science and Pollution Research</i> , 2018, 25, 10371-10382.                                 | 2.7 | 35        |
| 66 | Optimizing the fermentation conditions and enhanced production of keratinase from <i>Bacillus cereus</i> isolated from halophilic environment. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 378-381.   | 1.8 | 35        |
| 67 | Antimicrobial, Antioxidant, and Cytotoxic Properties of Vasicine Acetate Synthesized from Vasicine Isolated from <i>Adhatoda vasica</i> L.. <i>BioMed Research International</i> , 2015, 2015, 1-7.   | 0.9 | 34        |
| 68 | <i>Macleaya cordata</i> Extract Decreased Diarrhea Score and Enhanced Intestinal Barrier Function in Growing Piglets. <i>BioMed Research International</i> , 2016, 2016, 1-7.   | 0.9 | 33        |
| 69 | 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.                 | 1.6 | 33        |
| 70 | Documentation and quantitative analysis of local ethnozoological knowledge among traditional healers of Theni district, Tamil Nadu, India. <i>Journal of Ethnopharmacology</i> , 2014, 154, 116-130.  | 2.0 | 32        |
| 71 | 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.  | 3.8 | 32        |
| 72 | Egg Protein Transferrin-Derived Peptides IRW and IQW Regulate <i>Citrobacter rodentium</i> -Induced, Inflammation-Related Microbial and Metabolomic Profiles. <i>Frontiers in Microbiology</i> , 2019, 10, 643.   | 1.5 | 31        |

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|----|--|-----|-----------|
| 73 | Efficacious somatic embryogenesis and fertile plant recovery from shoot apex explants of onion ( <i>Allium cepa</i> . L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 285-293.                                       | 0.9 | 29        |
| 74 | Antimicrobial and Cytotoxicity Properties of 2,3-Dihydroxy-9,10-Anthraquinone Isolated from <i>Streptomyces galbus</i> (ERINLG-127). <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3513-3528.                                       | 1.4 | 29        |
| 75 | Gastroprotective effect of epoxy clerodane diterpene isolated from <i>Tinospora cordifolia</i> Miers (Guduchi) on indomethacin-induced gastric ulcer in rats. <i>Phytomedicine</i> , 2014, 21, 966-969.  | 2.3 | 29        |
| 76 | Dietary <i>Saccharomyces cerevisiae</i> Cell Wall Extract Supplementation Alleviates Oxidative Stress and Modulates Serum Amino Acids Profiles in Weaned Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.            | 1.9 | 29        |
| 77 | Antimicrobial, antimycobacterial and antibiofilm properties of <i>Couroupita guianensis</i> Aubl. fruit extract. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 242.  | 3.7 | 28        |
| 78 | Phytochemical analysis and in vitro antimicrobial activity of <i>Illicium griffithii</i> Hook. f. & Thoms extracts. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, 190-199.   | 0.5 | 28        |
| 79 | In vitro antioxidant and antihyperlipidemic activities of <i>Toddalia asiatica</i> (L) Lam. Leaves in Triton WR-1339 and high fat diet induced hyperlipidemic rats. <i>Food and Chemical Toxicology</i> , 2013, 60, 135-140.                     | 1.8 | 28        |
| 80 | Bioefficacy of the triterpenoid friedelin against <i>Helicoverpa armigera</i> (Hub.) and <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae). <i>Pest Management Science</i> , 2014, 70, 1877-1883.   | 1.7 | 28        |
| 81 | Antioxidant and free radical scavenging effects of $\beta$ -amyrin isolated from <i>S. cochinchinensis</i> Moore. leaves. <i>Industrial Crops and Products</i> , 2014, 61, 510-516.  | 2.5 | 28        |
| 82 | Hypolipidemic activity of friedelin isolated from <i>Azima tetraacantha</i> in hyperlipidemic rats. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 89-93.  | 0.6 | 28        |
| 83 | Gastroprotective Activity of Violacein Isolated from <i>Chromobacterium violaceum</i> on Indomethacin-Induced Gastric Lesions in Rats: Investigation of Potential Mechanisms of Action. <i>Scientific World Journal, The</i> , 2014, 2014, 1-10. | 0.8 | 27        |
| 84 | Chromatographic Characterization and GC-MS Evaluation of the Bioactive Constituents with Antimicrobial Potential from the Pigmented Ink of <i>Loligo duvauceli</i> . <i>International Scholarly Research Notices</i> , 2014, 2014, 1-7.          | 0.9 | 26        |
| 85 | Antifeedant and larvicidal activities of Rhein isolated from the flowers of <i>Cassia fistula</i> L.. <i>Saudi Journal of Biological Sciences</i> , 2011, 18, 129-133.   | 1.8 | 25        |
| 86 | Cytotoxic (A549) and antimicrobial effects of <i>Methylobacterium</i> sp. isolate (ERI-135) from Nilgiris forest soil, India. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 712-716.   | 0.5 | 25        |
| 87 | Isolation and characterization of 2-hydroxy-9,10-anthraquinone from <i>Streptomyces olivochromogenes</i> (ERINLG-261) with antimicrobial and antiproliferative properties. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 285-295.       | 0.6 | 25        |
| 88 | 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.             | 1.9 | 25        |
| 89 | Occupational health hazards on workers exposure to lead (Pb): A genotoxicity analysis. <i>Journal of Infection and Public Health</i> , 2020, 13, 527-531.  | 1.9 | 25        |
| 90 | CYP450 mediated inhibition potential of <i>Swertia chirata</i> : An herb from Indian traditional medicine. <i>Journal of Ethnopharmacology</i> , 2016, 178, 34-39.   | 2.0 | 24        |

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|-----|--|-----|-----------|
| 91  | Response of <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae) larvae to <i>Citrullus colocynthis</i> L. (Cucurbitales: Cucurbitaceae) chemical constituents: Larval tolerance, food utilization and detoxifying enzyme activities. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 16-28. | 1.3 | 24        |
| 92  | Isolation of terrestrisamide from <i>Peltophorum pterocarpum</i> (DC.) Baker ex. K. Heyne and its antimicrobial, antioxidant, and cytotoxic activities. <i>Medicinal Chemistry Research</i> , 2013, 22, 3823-3830.   | 1.1 | 23        |
| 93  | Evaluation of Ubtan " A traditional indian skin care formulation. <i>Journal of Ethnopharmacology</i> , 2016, 192, 283-291.  | 2.0 | 23        |
| 94  | Larvicidal and repellent activity of the essential oil from <i>Atalantia monophylla</i> on three mosquito vectors of public health importance, with limited impact on non-target zebra fish. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 197-201.  | 1.3 | 23        |
| 95  | Toxicological effects of chemical constituents from <i>Piper</i> against the environmental burden <i>Aedes aegypti</i> Liston and their impact on non-target toxicity evaluation against biomonitoring aquatic insects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10434-10446.           | 2.7 | 23        |
| 96  | Friedelin exhibits antidiabetic effect in diabetic rats via modulation of glucose metabolism in liver and muscle. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113659.   | 2.0 | 23        |
| 97  | Antifeedant activity of a novel 6-(4,7-hydroxy-heptyl) quinone® from the leaves of the milkweed <i>Pergularia daemia</i> on the cotton bollworm <i>Helicoverpa armigera</i> (Hub.) and the tobacco armyworm <i>Spodoptera litura</i> (Fab.). <i>Phytoparasitica</i> , 2011, 39, 145-150.                       | 0.6 | 22        |
| 98  | Synthesis and medicinal properties of plant-derived vilangin. <i>Environmental Chemistry Letters</i> , 2013, 11, 303-308.  | 8.3 | 21        |
| 99  | Purification and characterization of protease enzyme from actinomycetes and its cytotoxic effect on cancer cell line (A549). <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S392-S400.  | 0.5 | 19        |
| 100 | Efficient plant regeneration from shoot apex explants of maize ( <i>Zea mays</i> ) and analysis of genetic fidelity of regenerated plants by ISSR markers. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 119, 183-196.   | 1.2 | 19        |
| 101 | Toxicity of Ag Nanoparticles Synthesized Using Stearic Acid from <i>Catharanthus roseus</i> Leaf Extract Against <i>Earias vittella</i> and Mosquito Vectors ( <i>Culex quinquefasciatus</i> and <i>Aedes aegypti</i> ). <i>Journal of Cluster Science</i> , 2017, 28, 2477-2492.                              | 1.7 | 19        |
| 102 | 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.   | 1.6 | 19        |
| 103 | Growth Performance, Organ Weights and Some Blood Parameters of Replacement Laying Pullets Fed with Increasing Levels of Wheat Bran. <i>Brazilian Journal of Poultry Science</i> , 2015, 17, 347-354.   | 0.3 | 19        |
| 104 | Microsatellite markers of finger millet ( <i>Eleusine coracana</i> (L.) Gaertn) and foxtail millet ( <i>Setaria</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 other millets. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 493-501.   | 1.5 | 18        |
| 105 | Effect of dietary $\alpha$ -ketoglutarate and allicin supplementation on the composition and diversity of the cecal microbial community in growing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5816-5821.  | 1.7 | 18        |
| 106 | Dietary Chitosan Supplementation Increases Microbial Diversity and Attenuates the Severity of <i>Citrobacter rodentium</i> Infection in Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-7.  | 1.4 | 17        |
| 107 | Effect of l-glutamine and casein hydrolysate in the development of somatic embryos from cotyledonary leaf explants in okra ( <i>Abelmoschus esculentus</i> L. monech). <i>South African Journal of Botany</i> , 2018, 114, 223-231.  | 1.2 | 17        |
| 108 | <i>Paenibacillus polysaccharolyticus</i> sp. nov., a xylanolytic and cellulolytic bacteria isolated from leaves of Bamboo <i>Phyllostachys aureosulcata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2127-2133.  | 0.8 | 17        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
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