

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	Antidiabetic with antilipidemic and antioxidant effects of flindersine by enhanced glucose uptake through GLUT4 translocation and PPAR α agonism in type 2 diabetic rats. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114883.	2.0	2
2	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
3	Bluemonocin, a new naphthoquinone derivative from <i>Streptomyces</i> sp. with antimicrobial and cytotoxic properties. <i>Biotechnology Letters</i> , 2021, 43, 1005-1018.	1.1	9
4	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
5	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
6	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.	1.6	11
7	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.	1.8	6
8	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
9	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
10	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
11	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.	1.7	12
12	Microsatellite Marker: Importance and Implications of Cross-genome Analysis for Finger Millet (<i>Eleusine coracana</i> (L.) Gaertn). <i>Current Biotechnology</i> , 2020, 9, 160-170.	0.2	6
13	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
14	<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
15	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
16	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
17	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
18	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

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19	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
20	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.	1.7	121
21	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
22	Toxicity and antifeedant activity of <i>Caesalpinia bonduc</i> (L.) Roxb. (Caesalpiniaceae) extracts and fractions against the cotton bollworm <i>Helicoverpa armigera</i> Hub. (Lepidoptera: Noctuidae). <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 69-74.	1.3	16
23	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
24	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
25	Utilization of molecular markers for improving the phosphorus efficiency in crop plants. <i>Plant Breeding</i> , 2018, 137, 10-26.	1.0	62
26	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
27	Eco-friendly formulation of wild <i>Bacillus thuringiensis</i> secondary metabolites through molecular characterization against the lepidopteran pest. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 93-104.	1.3	8
28	Effects of maternal methyl donor on the pork characteristics of offspring pigs with prenatal exposure to bisphenol A. <i>Animal</i> , 2018, 12, 1306-1315.	1.3	8
29	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
30	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 30 other millets. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 493-501.	1.5	18
31	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.	1.7	73
32	Effect of dietary α -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
33	Effect of compound Musizin isolated from <i>Rhamnus wightii</i> Wight and Arn on the immature stages of filarial vector mosquito <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae) and its non-target studies. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 37-42.	1.5	8
34	Antibacterial Activity study of Musizin isolated from <i>Rhamnus wightii</i> Wight & Arn.. <i>Bioinformation</i> , 2018, 14, 511-520.	0.2	2
35	Comparative analysis of mosquito (Diptera: Culicidae: <i>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
36	Protective effects of <i>Ficus carica</i> leaves on glucose and lipids levels, carbohydrate metabolism enzymes and β -cells in type 2 diabetic rats. <i>Pharmaceutical Biology</i> , 2017, 55, 1074-1081.	1.3	57

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37	<i>Pseudomonas sesami</i> sp. nov., a plant growth-promoting Gammaproteobacteria isolated from the rhizosphere of <i>Sesamum indicum</i> L.. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 843-852.	0.7	11
38	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
39	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
40	Screening of some medicinal plants for anticariogenic activity: An investigation on bioactive constituents from <i>Jatropha gossypifolia</i> (L.) root. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 10, 161-166.	1.5	6
41	Factors to Consider in Development of Nutraceutical and Dietary Supplements. , 2017, , 653-661.		6
42	Isolation of chemical constituents from <i>Nonomurea</i> species: In vitro and in silico evaluation of its antibacterial properties. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2017, 6, 15-23.	0.8	4
43	In vitro and in vivo anticancer activity of 2-acetyl-benzylamine isolated from <i>Adhatoda vasica</i> L. leaves. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 796-806.	2.5	16
44	A review of the immunomodulatory role of dietary tryptophan in livestock and poultry. <i>Amino Acids</i> , 2017, 49, 67-74.	1.2	40
45	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
46	Synthesis, Crystal Structure, and Free Radical Scavenging Activity of 4-Aminopyridinium 3,5-Dinitrobenzoate. <i>Crystallography Reports</i> , 2017, 62, 1035-1040.	0.1	2
47	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
48	The Impacts of <i>Chrysanthemum indicum</i> Extract on Oxidative Stress and Inflammatory Responses in Adjuvant-Induced Arthritic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-7.	0.5	5
49	The Protective Effect of <i>Chrysanthemum indicum</i> Extract against Ankylosing Spondylitis in Mouse Models. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	15
50	<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
51	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
52	Methionine restriction on oxidative stress and immune response in dss-induced colitis mice. <i>Oncotarget</i> , 2017, 8, 44511-44520.	0.8	55
53	Validation of Capsaicin in Indian Capsicum Species Through RP-HPLC. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2017, 51, 337-342.	0.3	7
54	The Effects of <i>Agave fourcroydes</i> Powder as a Dietary Supplement on Growth Performance, Gut Morphology, Concentration of IgG, and Hematology Parameters in Broiler Rabbits. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	12

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55	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
56	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
57	<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
58	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
59	Biological properties of Endophytic Fungi. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	44
60	Vancomycin microspheres reduce postoperative spine infection in an in vivo rabbit model. <i>BMC Pharmacology & Toxicology</i> , 2016, 17, 61.	1.0	14
61	New antimicrobial anthraquinone 6,6 1 -bis (1,5,7-trihydroxy-3-hydroxymethylanthraquinone) isolated from <i>Streptomyces</i> sp. isolate ERI-26. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 731-735.	1.8	12
62	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
63	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
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	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
66	Effects of temperature and nonionizing ultraviolet radiation treatments of eggs of five host insects on production of <i>Trichogramma chilonis</i> Ishii (Hymenoptera: Trichogrammatidae) for biological control applications. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 1139-1144.	0.4	15
67	Moderately increased energy intake during gestation improves body condition of primiparous sows, piglet growth performance, and milk fat and protein output. <i>Livestock Science</i> , 2016, 194, 23-30.	0.6	15
68	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
69	Anti-dengue efficacy of bioactive andrographolide from <i>Andrographis paniculata</i> (Lamiales:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5 163, 167-178.	0.9	88
70	Evaluation of Ubtan " A traditional indian skin care formulation. <i>Journal of Ethnopharmacology</i> , 2016, 192, 283-291.	2.0	23
71	Identifying potential PPAR β agonist/partial agonist from plant molecules to control type 2 diabetes using in silico and in vivo models. <i>Medicinal Chemistry Research</i> , 2016, 25, 1980-1992.	1.1	9
72	Antioxidant, antilipidemic and antidiabetic effects of ficusin with their effects on GLUT4 translocation and PPAR β expression in type 2 diabetic rats. <i>Chemico-Biological Interactions</i> , 2016, 256, 85-93.	1.7	37

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73	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. SpringerPlus, 2016, 5, 120.	1.2	44
74	Isolation and characterization of 2-hydroxy-9,10-anthraquinone from <i>Streptomyces olivochromogenes</i> (ERINLG-261) with antimicrobial and antiproliferative properties. Revista Brasileira De Farmacognosia, 2016, 26, 285-295.	0.6	25
75	CYP450 mediated inhibition potential of <i>Swertia chirata</i> : An herb from Indian traditional medicine. Journal of Ethnopharmacology, 2016, 178, 34-39.	2.0	24
76	InÂvitro antiproliferative activity of 2,3-dihydroxy-9,10-anthraquinone induced apoptosis against COLO320 cells through cytochrome c release caspase mediated pathway with PI3K/AKT and COX-2 inhibition. Chemico-Biological Interactions, 2016, 249, 23-35.	1.7	12
77	Isolation, identification and screening of antimicrobial thermophilic <i>Streptomyces</i> sp. Al-Dhabi-1 isolated from Tharban hot spring, Saudi Arabia. Extremophiles, 2016, 20, 79-90.	0.9	61
78	Using molecular markers to assess the genetic diversity and population structure of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) from various geographical regions. Genetic Resources and Crop Evolution, 2016, 63, 361-376.	0.8	51
79	<i>Streptomyces pini</i> sp. nov., an actinomycete isolated from phylloplane of pine (<i>Pinus sylvestris</i> L.) needle-like leaves. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4204-4210.	0.8	14
80	<i>Paenibacillus methanolicus</i> sp. nov., a xylanolytic, methanol-utilizing bacterium isolated from the phyllosphere of bamboo (<i>Pseudosasa japonica</i>). International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4362-4366.	0.8	9
81	Tracing QTLs for Leaf Blast Resistance and Agronomic Performance of Finger Millet (<i>Eleusine</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Analyses. PLoS ONE, 2016, 11, e0159264.	1.1	46
82	Antimicrobial and Cytotoxic Properties of <i>Streptomyces</i> Sp. (ERINLG-51) Isolated from Southern Western Ghats. South Indian Journal of Biological Sciences, 2016, 1, 7.	0.9	46
83	Evaluation of fractions and 5,7-dihydroxy-4',6-dimethoxy-flavone from <i>Clerodendrum phlomidis</i> Linn. F. against <i>Helicoverpa armigera</i> Hub.. Brazilian Archives of Biology and Technology, 2015, 58, 216-221.	0.5	5
84	Bioefficacy of pectolinarigenin from <i>Clerodendrum phlomidis</i> Linn. F. against <i>Anopheles stephensi</i> and bhendi fruit borer, <i>Earias vittella</i> fab.. Brazilian Archives of Biology and Technology, 2015, 58, 358-366.	0.5	5
85	Bioefficacy of flindersine against <i>Helicoverpa armigera</i> HÄ¼bner, <i>Spodoptera litura</i> Fabricius, <i>Anopheles stephensis</i> Liston. and <i>Culex quinquefasciatus</i> Say.. Brazilian Archives of Biology and Technology, 2015, 58, 595-604.	0.5	9
86	Antimicrobial, Antioxidant, and Cytotoxic Properties of Vasicine Acetate Synthesized from <i>Vasicine</i> Isolated from <i>Adhatoda vasica</i> L.. BioMed Research International, 2015, 2015, 1-7.	0.9	34
87	Protective effects of friedelin isolated from <i>Azima tetraantha</i> Lam. against ethanol-induced gastric ulcer in rats and possible underlying mechanisms. European Journal of Pharmacology, 2015, 750, 167-175.	1.7	73
88	Pyrrolidine Dithiocarbamate Inhibits NF-KappaB Activation and Upregulates the Expression of Gpx1, Gpx4, Occludin, and ZO-1 in DSS-Induced Colitis. Applied Biochemistry and Biotechnology, 2015, 177, 1716-1728.	1.4	39
89	InÂvitro anticancer activity of methyl caffeate isolated from <i>Solanum torvum</i> Swartz. fruit. Chemico-Biological Interactions, 2015, 242, 81-90.	1.7	49
90	Isolation and characterization of Anthraquinone from <i>Streptomyces</i> sp. ERINLG-26 with anticancer activity Against adenocarcinoma cell line COLO320. Applied Biochemistry and Microbiology, 2015, 51, 522-529.	0.3	5

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91	Synthesis of novel 1,4-disubstituted 1,2,3-triazolo-bosentan derivatives – evaluation of antimicrobial and anticancer activities and molecular docking. RSC Advances, 2015, 5, 105266-105278.	1.7	4
92	Facile and diastereoselective synthesis of 3,2- α^2 -spiropyrrolidine-oxindoles derivatives, their molecular docking and antiproliferative activities. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 389-399.	1.0	70
93	Extracellular biosynthesis of silver nanoparticle using <i>Streptomyces</i> sp. 09 PBT 005 and its antibacterial and cytotoxic properties. Applied Nanoscience (Switzerland), 2015, 5, 169-180.	1.6	66
94	Antimicrobial, antioxidant, cytotoxic and molecular docking properties of N-benzyl-2,2,2-trifluoroacetamide. Applied Nanoscience (Switzerland), 2015, 5, 207-216.	1.6	13
95	Identification and Characterization of <i>Lactobacillus brevis</i> P68 with Antifungal, Antioxidant and Probiotic Functional Properties. Indian Journal of Microbiology, 2015, 55, 19-28.	1.5	64
96	Growth Performance, Organ Weights and Some Blood Parameters of Replacement Laying Pullets Fed with Increasing Levels of Wheat Bran. Brazilian Journal of Poultry Science, 2015, 17, 347-354.	0.3	19
97	Gastroprotective Activity of Violacein Isolated from <i>Chromobacterium violaceum</i> on Indomethacin-Induced Gastric Lesions in Rats: Investigation of Potential Mechanisms of Action. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	27
98	Novel 1,5,7-Trihydroxy-3-Hydroxy Methyl Anthraquinone Isolated from Terrestrial <i>Streptomyces</i> sp. (eri-26) with Antimicrobial and Molecular Docking Studies. Applied Biochemistry and Biotechnology, 2014, 174, 1784-1794.	1.4	8
99	In vitro antimicrobial, antioxidant and cytotoxic properties of <i>Streptomyces lavendulae</i> strain SCA5. BMC Microbiology, 2014, 14, 291.	1.3	55
100	In-vitro antimicrobial, antibiofilm, cytotoxic, antifeedant and larvicidal properties of novel quinone isolated from <i>Aegle marmelos</i> (Linn.) Correa. Annals of Clinical Microbiology and Antimicrobials, 2014, 13, 48.	1.7	41
101	Chromatographic Characterization and GC-MS Evaluation of the Bioactive Constituents with Antimicrobial Potential from the Pigmented Ink of <i>Loligo duvauceli</i> . International Scholarly Research Notices, 2014, 2014, 1-7.	0.9	26
102	Antimicrobial and Cytotoxicity Properties of 2,3-Dihydroxy-9,10-Anthraquinone Isolated from <i>Streptomyces galbus</i> (ERINLG-127). Applied Biochemistry and Biotechnology, 2014, 172, 3513-3528.	1.4	29
103	Documentation and quantitative analysis of local ethnozoological knowledge among traditional healers of Theni district, Tamil Nadu, India. Journal of Ethnopharmacology, 2014, 154, 116-130.	2.0	32
104	Gastroprotective effect of epoxy clerodane diterpene isolated from <i>Tinospora cordifolia</i> Miers (Guduchi) on indomethacin-induced gastric ulcer in rats. Phytomedicine, 2014, 21, 966-969.	2.3	29
105	Bioefficacy of the triterpenoid friedelin against <i>Helicoverpa armigera</i> (Hub.) and <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae). Pest Management Science, 2014, 70, 1877-1883.	1.7	28
106	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
107	Antioxidant and free radical scavenging effects of β -amyrin isolated from <i>S. cochinchinensis</i> Moore. leaves. Industrial Crops and Products, 2014, 61, 510-516.	2.5	28
108	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. Chemico-Biological Interactions, 2014, 224, 24-35.	1.7	45

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109	Consensus analysis of sastric formulations used by non-institutionally trained siddha medical practitioners of Virudhunagar and Tirunelveli districts of Tamil Nadu, India. <i>Journal of Ethnopharmacology</i> , 2014, 153, 290-296.	2.0	6
110	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
111	Nutritional requirements for the production of antimicrobial metabolites from <i>Streptomyces</i> . <i>African Journal of Microbiology Research</i> , 2014, 8, 750-758.	0.4	4
112	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
113	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
114	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
115	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
116	Ameliorative effect of <i>Drynaria quercifolia</i> (L.) J. Sm., an ethnomedicinal plant, in arthritic animals. <i>Food and Chemical Toxicology</i> , 2013, 51, 356-363.	1.8	13
117	Antibacterial and antifungal activities of polyketide metabolite from marine <i>Streptomyces</i> sp. AP-123 and its cytotoxic effect. <i>Chemosphere</i> , 2013, 90, 479-487.	4.2	91
118	Antioxidant, free radical scavenging and liver protective effects of friedelin isolated from <i>Azima tetracantha</i> Lam. leaves. <i>Food Chemistry</i> , 2013, 139, 860-865.	4.2	53
119	Synthesis and medicinal properties of plant-derived vilangin. <i>Environmental Chemistry Letters</i> , 2013, 11, 303-308.	8.3	21
120	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
121	Antidiabetic effect of plumbagin isolated from <i>Plumbago zeylanica</i> L. root and its effect on GLUT4 translocation in streptozotocin-induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 4356-4363.	1.8	85
122	Antimicrobial activity of bergenin isolated from <i>Peltophorum pterocarpum</i> DC. flowers. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S901-S904.	0.5	10
123	Antibacterial activity of some actinomycetes from Tamil Nadu, India. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 936-943.	0.5	36
124	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, S1138-S1146.	0.5	3
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	Antimicrobial activity of sesquiterpene lactones isolated from traditional medicinal plant, <i>Costus speciosus</i> (Koen ex.Retz.) Sm. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 13.	3.7	67
128	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
129	Characterization and phylogenetic analysis of novel polyene type antimicrobial metabolite producing actinomycetes from marine sediments: Bay of Bengal India. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 803-810.	0.5	15
130	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
131	Antidiabetic and antioxidant activities of <i>Toddalia asiatica</i> (L.) Lam. leaves in Streptozotocin induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2012, 143, 515-523.	2.0	95
132	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
133	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
134	Petroleum and polycyclic aromatic hydrocarbons (PAHs) degradation and naphthalene metabolism in <i>Streptomyces</i> sp. (ERI-CPDA-1) isolated from oil contaminated soil. <i>Bioresource Technology</i> , 2012, 112, 83-90.	4.8	161
135	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
136	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
137	Anti-inflammatory, analgesic and antipyretic effects of friedelin isolated from <i>Azima tetracantha</i> Lam. in mouse and rat models. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1070-1077.	1.2	122
138	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
139	Antidiabetic activity of β -sitosterol isolated from <i>Lippia nodiflora</i> L. in streptozotocin induced diabetic rats. <i>European Journal of Pharmacology</i> , 2011, 667, 410-418.	1.7	111
140	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
141	Antimicrobial properties of actinomycetes from the soil of Himalaya. <i>Journal De Mycologie Medicale</i> , 2010, 20, 15-20.	0.7	38
142	Antimicrobial activity of confertifolin from <i>Polygonum hydropiper</i> . <i>Pharmaceutical Biology</i> , 2010, 48, 187-190.	1.3	16
143	Antifungal activity of triterpenoid isolated from <i>Azima tetracantha</i> leaves.. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 48, 311-3.	0.6	15
144	Antidiabetic and antilipidemic effect of eremanthin from <i>Costus speciosus</i> (Koen.)Sm., in STZ-induced diabetic rats. <i>Chemico-Biological Interactions</i> , 2009, 182, 67-72.	1.7	137

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145	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
146	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
147	Normo-glycemic and hypolipidemic effect of costunolide isolated from <i>Costus speciosus</i> (Koen ex.) Tj ETQq1 1 0.784314 rgBT / Overl	1.7	95
148	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
149	Antibacterial and antifungal activity of Flindersine isolated from the traditional medicinal plant, <i>Toddalia asiatica</i> (L.) Lam.. <i>Journal of Ethnopharmacology</i> , 2009, 123, 494-498.	2.0	142
150	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
151	Antibacterial and antifungal activity of <i>Cassia fistula</i> L.: An ethnomedicinal plant. <i>Journal of Ethnopharmacology</i> , 2007, 112, 590-594.	2.0	125
152	Antimicrobial activity of some ethnomedicinal plants used by Paliyar tribe from Tamil Nadu, India. <i>BMC Complementary and Alternative Medicine</i> , 2006, 6, 35.	3.7	349