

Kaliappan Ilango

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,066
citations

393982

19
h-index

433756

31
g-index

61
all docs

61
docs citations

61
times ranked

1800
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer Aided Drug Design Approach to Screen Phytoconstituents of <i>Adhatoda vasica</i> as Potential Inhibitors of SARS-CoV-2 Main Protease Enzyme. <i>Life</i> , 2022, 12, 315.	1.1	17
2	Anti-adipogenic β -sitosterol and lupeol from <i>Moringa oleifera</i> suppress adipocyte differentiation through regulation of cell cycle progression. <i>Journal of Food Biochemistry</i> , 2022, 46, e14170.	1.2	7
3	Simultaneous quantification of 12 phytoconstituents in the different marketed formulation of Manasmitra Vatakam by high-performance liquid chromatography and liquid chromatography-tandem mass spectrometry method. <i>Separation Science Plus</i> , 2021, 4, 137-146.	0.3	1
4	Spectral and Electrochemical Sensing Studies of Unsymmetrical Schiff Bases having Enhanced Antifungal Activity. <i>Asian Journal of Chemistry</i> , 2021, 33, 2400-2410.	0.1	0
5	Core-Shell Structured Antimicrobial Nanofiber Dressings Containing Herbal Extract and Antibiotics Combination for the Prevention of Biofilms and Promotion of Cutaneous Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24356-24369.	4.0	61
6	Multi Metal Ion Recognizing Unsymmetrical tetra Dentate Schiff bases associated with Antifungal Activity. <i>Oriental Journal of Chemistry</i> , 2021, 37, 833-846.	0.1	1
7	Clinical Pharmacokinetic Drug Interaction Potential of MenoAct851 in Adult, Female Healthy Volunteers. <i>Current Therapeutic Research</i> , 2021, 94, 100619.	0.5	0
8	A Mechanistic Review on Medicinal Mushrooms-Derived Bioactive Compounds: Potential Mycotherapy Candidates for Alleviating Neurological Disorders. <i>Planta Medica</i> , 2020, 86, 1161-1175.	0.7	26
9	Tamoxifen induces stem-like phenotypes and multidrug resistance by altering epigenetic regulators in ER ⁺ breast cancer cells. <i>Stem Cell Investigation</i> , 2020, 7, 20-20.	1.3	2
10	Revalidation of the neuroprotective effects of a United States patented polyherbal formulation on scopolamine induced learning and memory impairment in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1046-1052.	2.5	23
11	VALERIANA OFFICINALIS: A REVIEW OF ITS TRADITIONAL USES, PHYTOCHEMISTRY AND PHARMACOLOGY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 36.	0.3	38
12	Rosmarinic Acid Mediates Mitochondrial Biogenesis in Insulin Resistant Skeletal Muscle Through Activation of AMPK. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1839-1848.	1.2	36
13	A modified formulation of Huanglian-Jie-Du-Tang reduces memory impairments and β -amyloid plaques in a triple transgenic mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 6238.	1.6	35
14	Design, synthesis and α -amylase inhibitory activity of novel chromone derivatives. <i>Bioorganic Chemistry</i> , 2017, 74, 158-165.	2.0	22
15	Do ANGPTL-4 and galectin-3 reflect the severity of coronary artery disease?. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2017, 11, 261-270.	1.0	4
16	Synthesis of enantiomerically pure aryl, hetero aryl and alkyl sulfinimides catalyzed by recyclable tungstophosphoric acid. <i>Molecular Catalysis</i> , 2017, 443, 294-300.	1.0	4
17	Effect of H4R antagonist N-(2-aminoethyl)-5-chloro-1H-indol-2-carboxamides and 5-chloro-2-(piperazin-1-ylmethyl)-1H-benzimidazole on histamine and 4-methylhistamine-induced mast cell response. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 304-313.	1.3	3
18	Inhibition of New Delhi Metallo- β -Lactamase 1 (NDM-1) Producing <i>Escherichia coli</i> IR-6 by Selected Plant Extracts and Their Synergistic Actions with Antibiotics. <i>Frontiers in Microbiology</i> , 2017, 8, 1580.	1.5	26

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19	A STUDY ON PHYTOCHEMICAL SCREENING, ANTIOXIDANT, ANTIMICROBIAL AND Î±-Î±MYLASE INHIBITORY ACTIVITIES OF CRUDE EXTRACTS OF THE STEM BARK OF PISONIA GRANDIS, R.BR. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 129.	0.3	0
20	Safety evaluation of a polyherbal formulation containing hydroalcoholic extracts of Hippophae salicifolia, Nyctanthes arbor-tristis, Ocimum tenuiflorum, and Reinwardtia indica in rodents. Journal of Biomedical Research, 2016, 30, 248-50.	0.7	1
21	Novel hybrids of drug with bioactive heterocycles for enhancing biological activity. Archives of Pharmacal Research, 2016, 39, 1382-1390.	2.7	4
22	Comparative inhibitory potential of selected dietary bioactive polyphenols, phytosterols on CYP3A4 and CYP2D6 with fluorometric high-throughput screening. Journal of Food Science and Technology, 2015, 52, 4537-4543.	1.4	37
23	Effect of <i>Dioscorea bulbifera</i> and its Major Bioactive Compound, Diosgenin on CYP450 Mediated Drug Metabolism. Journal of Biologically Active Products From Nature, 2015, 5, 313-321.	0.1	2
24	Assessment of Montelukast, Doxofylline, and Tiotropium With Budesonide for the Treatment of Asthma: Which Is the Best Among the Second-line Treatment? A Randomized Trial. Clinical Therapeutics, 2015, 37, 418-426.	1.1	29
25	Age dependent levels of plasma homocysteine and cognitive performance. Behavioural Brain Research, 2015, 283, 139-144.	1.2	32
26	Quantitative analysis of heavy metals in medicinal plants collected from environmentally diverse locations in India for use in a novel phytopharmaceutical product. Environmental Monitoring and Assessment, 2015, 187, 542.	1.3	16
27	Evaluation of antioxidant and neuroprotective effect of Hippophae rhamnoides (L.) on oxidative stress induced cytotoxicity in human neural cell line IMR32. Saudi Journal of Biological Sciences, 2015, 22, 645-650.	1.8	18
28	Value of pentraxin-3 and galectin-3 in acute coronary syndrome: a short-term prospective cohort study. Therapeutic Advances in Cardiovascular Disease, 2015, 9, 275-284.	1.0	29
29	Moringa oleifera attenuates the release of pro-inflammatory cytokines in lipopolysaccharide stimulated human monocytic cell line. Industrial Crops and Products, 2015, 77, 44-50.	2.5	9
30	Comparative Pharmacokinetic Study of Mangiferin After Oral Administration of Pure Mangiferin and US Patented Polyherbal Formulation to Rats. AAPS PharmSciTech, 2015, 16, 250-258.	1.5	32
31	Comparative pharmacokinetic interactions of Quercetin and Rutin in rats after oral administration of European patented formulation containing Hippophae rhamnoides and Co-administration of Quercetin and Rutin. European Journal of Drug Metabolism and Pharmacokinetics, 2015, 40, 277-284.	0.6	19
32	Design, Synthesis and QSAR Studies on a Series of 2, 5-Disubstituted- 1,3,4-oxadiazole Derivatives of Diclofenac and Naproxen for Analgesic and Anti-inflammatory Activity. Medicinal Chemistry, 2015, 11, 753-763.	0.7	5
33	Phytochemical Evaluation and Antioxidant Potential of Garcinia indica Fruits on H2O2 Induced Oxidative Stress in THP-1 Cell Line. International Journal of Pharmacology, 2015, 11, 672-680.	0.1	3
34	Antidiabetic and antihyperlipidemic activities of a novel polyherbal formulation in high fat diet/streptozotocin induced diabetic rat model. Indian Journal of Pharmacology, 2015, 47, 509.	0.4	22
35	Development and validation of a RP-HPLC method for the simultaneous determination of Mangiferin, Ellagic acid and Hydroxycitric acid in polyherbal formulation. Pharmacognosy Journal, 2014, 6, 23-28.	0.3	2
36	Influence of Demographic Status on Pulmonary Function, Quality of Life, and Symptom Scores in Patients with Mild to Moderate Persistent Asthma. Journal of Experimental and Clinical Medicine, 2014, 6, 102-104.	0.2	7

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37	Anticancer activity of <i>Moringa oleifera</i> mediated silver nanoparticles on human cervical carcinoma cells by apoptosis induction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 354-359.	2.5	213
38	Assessment of various second-line medications in addition to inhaled corticosteroid in asthma patients: a randomized controlled trial. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014, 41, 509-513.	0.9	14
39	Management of Cognitive Determinants in Senile Dementia of Alzheimer's Type: Therapeutic Potential of a Novel Polyherbal Drug Product. <i>Clinical Drug Investigation</i> , 2014, 34, 857-869.	1.1	41
40	A Patient with Obese Hypoventilation Syndrome with Ventilator-associated Pneumonia: Brain Mapping and Polysomnography Outcomes. <i>Journal of Experimental and Clinical Medicine</i> , 2014, 6, 147-148.	0.2	0
41	Pulmonary Function Assessment in Mild to Moderate Persistent Asthma Patients Receiving Montelukast, Doxofylline, and Tiotropium With Budesonide: A Randomized Controlled Study. <i>Clinical Therapeutics</i> , 2014, 36, 526-533.	1.1	31
42	Effect of Two Controller Medications with Inhaled Corticosteroid in Mild to Moderate Persistent Asthma Patients. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2014, 14, 81-86.	0.0	6
43	Inhibitory Potential of <i>Terminalia chebula</i> by Hydrogen Peroxide Induced Oxidative Stress in THP-1 Cell Line. <i>International Journal of Botany</i> , 2014, 11, 21-26.	0.2	3
44	Anti-nociceptive and anti-inflammatory activities of <i>Azadirachta indica</i> fruit skin extract and its isolated constituent azadiradione. <i>Natural Product Research</i> , 2013, 27, 1463-1467.	1.0	40
45	Correlation of serum leptin and resistin levels with the metabolic risk factors of pre- and		

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55	Validated spectrophotometric methods for the simultaneous determination of telmisartan and atorvastatin in bulk and tablets. <i>Pharmaceutical Methods</i> , 2012, 3, 112-116.	0.4	9
56	Facile synthesis and cytotoxic activity of 3,6-disubstituted 1,2,4-triazolo-[3,4-b]-1,3,4-thiadiazoles. <i>European Journal of Chemistry</i> , 2010, 1, 50-53.	0.3	19
57	Ethylenediamine: an effective reagent for deacetylation of natural products. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 851-858.	0.7	2
58	Antifeedant activity of <i>Momordica dioica</i> fruit pulp extracts on <i>Spodoptera litura</i> . <i>Fã-toterapã-Ãç</i> , 2005, 76, 715-717.	1.1	11
59	Simultaneous quantitative determination of salbutamol sulfate and bromhexine hydrochloride in drug preparations by difference spectrophotometry. <i>International Journal of Pharmaceutics</i> , 1993, 100, 227-231.	2.6	10