

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	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
2	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
3	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
4	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
5	Application of a Stability-Indicating HPTLC Method for Simultaneous Quantitative Determination of Olmesartan Medoxomil and Hydrochlorothiazide in Pharmaceutical Dosage Forms. <i>Journal of Analytical Methods in Chemistry</i> , 2013, 2013, 1-8.	0.7	38
6	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
7	Comparative inhibitory potential of selected dietary bioactive polyphenols, phytosterols on CYP3A4 and CYP2D6 with fluorometric high-throughput screening. <i>Journal of Food Science and Technology</i> , 2015, 52, 4537-4543.	1.4	37
8	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
9	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
10	Age dependent levels of plasma homocysteine and cognitive performance. <i>Behavioural Brain Research</i> , 2015, 283, 139-144.	1.2	32
11	Comparative Pharmacokinetic Study of Mangiferin After Oral Administration of Pure Mangiferin and US Patented Polyherbal Formulation to Rats. <i>AAPS PharmSciTech</i> , 2015, 16, 250-258.	1.5	32
12	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
13	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. <i>Clinical Therapeutics</i> , 2015, 37, 418-426.	1.1	29
14	Value of pentraxin-3 and galectin-3 in acute coronary syndrome: a short-term prospective cohort study. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015, 9, 275-284.	1.0	29
15	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
16	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
17	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
18	Design, synthesis and α -amylase inhibitory activity of novel chromone derivatives. <i>Bioorganic Chemistry</i> , 2017, 74, 158-165.	2.0	22

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19	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
20	Facile synthesis and cytotoxic activity of 3,6-disubstituted 1,2,4-triazolo-[3,4-b]-1,3,4-thiadiazoles. European Journal of Chemistry, 2010, 1, 50-53.	0.3	19
21	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
22	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
23	Computer Aided Drug Design Approach to Screen Phytoconstituents of Adhatoda vasica as Potential Inhibitors of SARS-CoV-2 Main Protease Enzyme. Life, 2022, 12, 315.	1.1	17
24	Design and Microwave-assisted Synthesis of 1,3,4-Oxadiazole Derivatives for Analgesic and Anti-inflammatory Activity. Journal of Young Pharmacists, 2012, 4, 33-37.	0.1	16
25	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
26	Assessment of various second-line medications in addition to inhaled corticosteroid in asthma patients: a randomized controlled trial. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 509-513.	0.9	14
27	Antifeedant activity of Momordica dioica fruit pulp extracts on Spodoptera litura. Fitoquímica, 2005, 76, 715-717.	1.1	11
28	PRELIMINARY PHYTOCHEMICAL ANALYSIS AND BIOLOGICAL SCREENING OF EXTRACTS OF LEAVES OF MELIA DUBIA CAV. International Journal of Research in Ayurveda and Pharmacy, 2013, 4, 417-419.	0.0	11
29	Simultaneous quantitative determination of salbutamol sulfate and bromhexine hydrochloride in drug preparations by difference spectrophotometry. International Journal of Pharmaceutics, 1993, 100, 227-231.	2.6	10
30	Validated spectrophotometric methods for the simultaneous determination of telmisartan and atorvastatin in bulk and tablets. Pharmaceutical Methods, 2012, 3, 112-116.	0.4	9
31	Development and Validation of Stability Indicating HPTLC and HPLC Methods for Simultaneous Determination of Telmisartan and Atorvastatin in Their Formulations. Journal of Chemistry, 2013, 2013, 1-9.	0.9	9
32	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
33	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
34	Anti-adipogenic Î²-sitosterol and lupeol from Moringa oleifera suppress adipocyte differentiation through regulation of cell cycle progression. Journal of Food Biochemistry, 2022, 46, e14170.	1.2	7
35	Effect of Two Controller Medications with Inhaled Corticosteroid in Mild to Moderate Persistent Asthma Patients. Journal of Medical Sciences (Faisalabad, Pakistan), 2014, 14, 81-86.	0.0	6
36	Pharmacogenetic Comprised Prospect on Cytochrome P450 Facilitated Drug Interactions. Journal of Bionanoscience, 2013, 7, 127-139.	0.4	5

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37	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
38	Novel hybrids of drug with bioactive heterocycles for enhancing biological activity. Archives of Pharmacal Research, 2016, 39, 1382-1390.	2.7	4
39	Do ANGPTL-4 and galectin-3 reflect the severity of coronary artery disease?. Therapeutic Advances in Cardiovascular Disease, 2017, 11, 261-270.	1.0	4
40	Synthesis of enantiomerically pure aryl, hetero aryl and alkyl sulfinimides catalyzed by recyclable tungstophosphoric acid. Molecular Catalysis, 2017, 443, 294-300.	1.0	4
41	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. Journal of Receptor and Signal Transduction Research, 2017, 37, 304-313.	1.3	3
42	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
43	Inhibitory Potential of Terminalia chebula by Hydrogen Peroxide Induced Oxidative Stress in THP-1 Cell Line. International Journal of Botany, 2014, 11, 21-26.	0.2	3
44	Ethylenediamine: an effective reagent for deacetylation of natural products. Journal of Asian Natural Products Research, 2010, 12, 851-858.	0.7	2
45	EMERGING NEED OF PHARMACOKINETICS IN AYURVEDIC SYSTEM OF MEDICINE. International Journal of Research in Ayurveda and Pharmacy, 2013, 4, 647-651.	0.0	2
46	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
47	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
48	Tamoxifen induces stem-like phenotypes and multidrug resistance by altering epigenetic regulators in ER1±± breast cancer cells. Stem Cell Investigation, 2020, 7, 20-20.	1.3	2
49	Pharmacognostic Studies on the Leaves of Hippophae rhamnoides L. and Hippophae salicifolia D. Don. Research Journal of Medicinal Plant, 2013, 7, 58-67.	0.3	2
50	Correlation of serum leptin and resistin levels with the metabolic risk factors of pre- and		

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55	Clonazepam as Add-on Therapy in Parkinson's Patients with Sleep Disorders: A Prospective Pilot Study using Video Polysomnography. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2013, 13, 585-591.	0.0	1
56	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
57	A STUDY ON PHYTOCHEMICAL SCREENING, ANTIOXIDANT, ANTIMICROBIAL AND α -AMYLASE INHIBITORY ACTIVITIES OF CRUDE EXTRACTS OF THE STEM BARK OF PISONIA GRANDIS, R.BR. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 129.	0.3	0
58	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
59	Clinical Pharmacokinetic Drug Interaction Potential of MenoAct851 in Adult, Female Healthy Volunteers. <i>Current Therapeutic Research</i> , 2021, 94, 100619.	0.5	0