

Ramanathan Muthiah

List of Publications by Year in descending order

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papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Antihyperglycemic Activity of Phenolics from <i>Pterocarpus marsupium</i> . <i>Journal of Natural Products</i> , 1997, 60, 609-610.	3.0	203
2	Effect of <i>Withania somnifera</i> glycowithanolides on iron-induced hepatotoxicity in rats. <i>Phytotherapy Research</i> , 2000, 14, 568-570.	5.8	51
3	Design, synthesis and biological evaluation of 2-(phenoxymethyl)-5-phenyl-1,3,4-oxadiazole derivatives as anti-breast cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 1-10.	5.5	45
4	Pre-ischemic treatment with memantine reversed the neurochemical and behavioural parameters but not energy metabolites in middle cerebral artery occluded rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 92, 424-432.	2.9	41
5	Inhibition of protein tyrosine phosphatase 1B and regulation of insulin signalling markers by caffeoyl derivatives of chicory (<i>Cichorium intybus</i>) salad leaves. <i>British Journal of Nutrition</i> , 2010, 104, 813-823.	2.3	40
6	Activation of AKT1/GSK-3 β / β -Catenin β -TRIM11/Survivin Pathway by Novel GSK-3 β Inhibitor Promotes Neuron Cell Survival: Study in Differentiated SH-SY5Y Cells in OGD Model. <i>Molecular Neurobiology</i> , 2016, 53, 6716-6729.	4.0	31
7	Telmisartan mediates anti-inflammatory and not cognitive function through PPAR- β agonism via SARM and MyD88 signaling. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 137, 60-68.	2.9	28
8	Non-hypotensive dose of telmisartan and nimodipine produced synergistic neuroprotective effect in cerebral ischemic model by attenuating brain cytokine levels. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 61-73.	2.9	26
9	Design, synthesis and biological evaluation of 2-(4-phenylthiazol-2-yl) isoindoline-1,3-dione derivatives as anti-prostate cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1199-1204.	2.2	25
10	Design and development of oxobenzimidazoles as novel androgen receptor antagonists. <i>Medicinal Chemistry Research</i> , 2016, 25, 539-552.	2.4	24
11	Synthesis, stereochemistry, antimicrobial evaluation and QSAR studies of 2,6-diaryltetrahydropyran-4-one thiosemicarbazones. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1415-1424.	5.5	23
12	Recent discoveries and developments of androgen receptor based therapy for prostate cancer. <i>MedChemComm</i> , 2015, 6, 746-768.	3.4	19
13	Prediction of estrogen receptor β ligands potency and selectivity by docking and MM-GBSA scoring methods using three different scaffolds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 832-844.	5.2	18
14	Tribulusterine Containing <i>Tribulus terrestris</i> Extract Exhibited Neuroprotection Through Attenuating Stress Kinases Mediated Inflammatory Mechanism: In Vitro and In Vivo Studies. <i>Neurochemical Research</i> , 2019, 44, 1228-1242.	3.3	18
15	Development and Validation of an HPTLC Method for Simultaneous Estimation of Excitatory Neurotransmitters in Rat Brain. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 2891-2902.	1.0	17
16	Iminoenamine based novel androgen receptor antagonist exhibited anti-prostate cancer activity in androgen independent prostate cancer cells through inhibition of AKT pathway. <i>Chemico-Biological Interactions</i> , 2017, 275, 22-34.	4.0	13
17	Cerebral ischemia induced inflammatory response and altered glutaminergic function mediated through brain AT1 and not AT2 receptor. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 947-958.	5.6	13
18	Concurrent determination of olanzapine, risperidone and 9 α -hydroxyrisperidone in human plasma by ultra performance liquid chromatography with diode array detection method: application to pharmacokinetic study. <i>Biomedical Chromatography</i> , 2016, 30, 263-268.	1.7	10

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19	Identification and in vitro evaluation of new leads as selective and competitive glycogen synthase kinase-3 β inhibitors through ligand and structure based drug design. Journal of Molecular Graphics and Modelling, 2014, 53, 31-47.	2.4	9
20	Identification and neuroprotective evaluation of a potential c-Jun N-terminal kinase 3 inhibitor through structure-based virtual screening and in-vitro assay. Journal of Computer-Aided Molecular Design, 2020, 34, 671-682.	2.9	7
21	Estrogenic effect of three substituted deoxybenzoins. Steroids, 2013, 78, 147-155.	1.8	5
22	Novel daidzein molecules exhibited anti-prostate cancer activity through nuclear receptor ER β modulation, <i>in vitro</i> and <i>in vivo</i> studies. Journal of Chemotherapy, 2021, 33, 582-594.	1.5	5
23	Descriptor analysis of estrogen receptor β -selective ligands using 2-phenylquinoline, tetrahydrofluorenone and 3-hydroxy 6H-benzo[c]chromen-6-one scaffolds. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 831-842.	5.2	3
24	A Self-Released Magnetic Nanomaterial for Sustained Release of Doxorubicin and Its Anticancer Cell Activity. ChemistrySelect, 2018, 3, 13123-13131.	1.5	3