

Mariel Marder

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

2,336
citations

25
h-index

48
g-index

61
ext. papers

2,550
ext. citations

4.7
avg, IF

4.4
L-index

#	Paper	IF	Citations
57	Antitumor activity of some natural flavonoids and synthetic derivatives on various human and murine cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 2966-71	3.4	190
56	Central nervous system depressant action of flavonoid glycosides. <i>European Journal of Pharmacology</i> , 2006 , 539, 168-76	5.3	173
55	Overview--flavonoids: a new family of benzodiazepine receptor ligands. <i>Neurochemical Research</i> , 1997 , 22, 419-25	4.6	160
54	Sedative and sleep-enhancing properties of linarin, a flavonoid-isolated from <i>Valeriana officinalis</i> . <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 399-404	3.9	160
53	6-methylapigenin and hesperidin: new valeriana flavonoids with activity on the CNS. <i>Pharmacology Biochemistry and Behavior</i> , 2003 , 75, 537-45	3.9	146
52	GABA(A)-receptor ligands of flavonoid structure. <i>Current Topics in Medicinal Chemistry</i> , 2002 , 2, 853-67	3	135
51	Flavonoids and the central nervous system: from forgotten factors to potent anxiolytic compounds. <i>Journal of Pharmacy and Pharmacology</i> , 1999 , 51, 519-26	4.8	111
50	Galectin-3 drives oligodendrocyte differentiation to control myelin integrity and function. <i>Cell Death and Differentiation</i> , 2011 , 18, 1746-56	12.7	102
49	Molecular modeling and QSAR analysis of the interaction of flavone derivatives with the benzodiazepine binding site of the GABA(A) receptor complex. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 323-35	3.4	77
48	Isolation and identification of 6-methylapigenin, a competitive ligand for the brain GABA(A) receptors, from <i>Valeriana wallichii</i> . <i>Planta Medica</i> , 2002 , 68, 934-6	3.1	72
47	Neuroactive flavonoids: new ligands for the Benzodiazepine receptors. <i>Phytomedicine</i> , 1998 , 5, 235-43	6.5	63
46	Anxiolytic properties of 6,3'-dinitroflavone, a high-affinity benzodiazepine receptor ligand. <i>European Journal of Pharmacology</i> , 1996 , 318, 23-30	5.3	63
45	Detection of benzodiazepine receptor ligands in small libraries of flavone derivatives synthesized by solution phase combinatorial chemistry. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 249, 481-5	3.4	60
44	Synergistic interaction between hesperidin, a natural flavonoid, and diazepam. <i>European Journal of Pharmacology</i> , 2005 , 512, 189-98	5.3	53
43	6-Bromoflavone, a high affinity ligand for the central benzodiazepine receptors is a member of a family of active flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 223, 384-9	3.4	53
42	Galectin-3 controls the response of microglial cells to limit cuprizone-induced demyelination. <i>Neurobiology of Disease</i> , 2014 , 62, 441-55	7.5	49
41	Opioid receptors are involved in the sedative and antinociceptive effects of hesperidin as well as in its potentiation with benzodiazepines. <i>European Journal of Pharmacology</i> , 2008 , 580, 306-13	5.3	48

40	Flavonoids as GABAA receptor ligands: the whole story?. <i>Journal of Experimental Pharmacology</i> , 2012 , 4, 9-24	3	45
39	The anxiolytic-like effects of <i>Aloysia polystachya</i> (Griseb.) Moldenke (Verbenaceae) in mice. <i>Journal of Ethnopharmacology</i> , 2006 , 105, 400-8	5	45
38	Cirsiliol and caffeic acid ethyl ester, isolated from <i>Salvia guaranitica</i> , are competitive ligands for the central benzodiazepine receptors. <i>Phytomedicine</i> , 1996 , 3, 29-31	6.5	33
37	Synthesis of halogenated/nitrated flavone derivatives and evaluation of their affinity for the central benzodiazepine receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 2003-2008	2.9	30
36	6,3'-Dinitroflavone, a novel high affinity ligand for the benzodiazepine receptor with potent anxiolytic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995 , 5, 2717-2720	2.9	30
35	In vitro binding affinities of a series of flavonoids for μ opioid receptors. Antinociceptive effect of the synthetic flavonoid 3,3-dibromoflavanone in mice. <i>Neuropharmacology</i> , 2013 , 72, 9-19	5.5	29
34	Antiproliferative activity of various flavonoids and related compounds: additive effect of interferon-alpha2b. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 133-6	2.9	27
33	Anticonvulsant and anxiolytic-like effects of compounds isolated from <i>Polygala sabulosa</i> (Polygalaceae) in rodents: in vitro and in vivo interactions with benzodiazepine binding sites. <i>Psychopharmacology</i> , 2008 , 197, 351-60	4.7	26
32	Sedative and hypnotic properties of <i>Salvia guaranitica</i> St. Hil. and of its active principle, Cirsiliol. <i>Phytomedicine</i> , 1997 , 4, 47-52	6.5	24
31	Hesperidin, a flavonoid glycoside with sedative effect, decreases brain pERK1/2 levels in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 291-6	3.9	21
30	Hesperidin induces antinociceptive effect in mice and its aglycone, hesperetin, binds to μ opioid receptor and inhibits GIRK1/2 currents. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 99, 333-41	3.9	20
29	Stereoselective Activity of 1-Propargyl-4-styrylpiperidine-like Analogues That Can Discriminate between Monoamine Oxidase Isoforms A and B. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 1361-1387	8.3	20
28	6-Bromo-3'-nitroflavone, a new high affinity benzodiazepine receptor agonist recognizes two populations of cerebral cortical binding sites. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 373-378	2.9	17
27	Pharmacological characterization of 6-bromo-3'-nitroflavone, a synthetic flavonoid with high affinity for the benzodiazepine receptors. <i>Pharmacology Biochemistry and Behavior</i> , 1998 , 61, 239-46	3.9	17
26	6-Chloro-3'-nitroflavone is a potent ligand for the benzodiazepine binding site of the GABA(A) receptor devoid of intrinsic activity. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 65, 313-20	3.9	17
25	Novel sulfamides and sulfamates derived from amino esters: Synthetic studies and anticonvulsant activity. <i>European Journal of Pharmacology</i> , 2016 , 774, 55-63	5.3	16
24	Central nervous system activities of two diterpenes isolated from <i>Aloysia virgata</i> . <i>Phytomedicine</i> , 2011 , 18, 393-401	6.5	16
23	Neuroactive flavonoid glycosides from <i>Tilia petiolaris</i> DC. extracts. <i>Phytotherapy Research</i> , 2009 , 23, 1453-7	6.7	16

22	Chalcone derivatives: synthesis, and evaluation of their anti-anxiety, anti-depression and analgesic effects. <i>Heliyon</i> , 2019 , 5, e01376	3.6	15
21	N,N'-dicyclohexylsulfamide and N,N'-diphenethylsulfamide are anticonvulsant sulfamides with affinity for the benzodiazepine binding site of the GABA(A) receptor and anxiolytic activity in mice. <i>Biochemical Pharmacology</i> , 2012 , 83, 253-9	6	14
20	6,3'-dibromoflavone and 6-nitro-3'-bromoflavone: new additions to the 6,3'-disubstituted flavone family of high-affinity ligands of the brain benzodiazepine binding site with agonistic properties. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 273, 694-8	3.4	14
19	Synthesis and anticonvulsant activity of bioisosteres of trimethadione, N-derivative-1,2,3-oxathiazolidine-4-one-2,2-dioxides from hydroxyamides. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 841-6	3.4	12
18	Chronic intraperitoneal and oral treatments with hesperidin induce central nervous system effects in mice. <i>Phytotherapy Research</i> , 2012 , 26, 308-12	6.7	12
17	2'-Nitroflavone induces cell cycle arrest and apoptosis in HeLa human cervical carcinoma cells. <i>Cancer Letters</i> , 2008 , 268, 146-57	9.9	12
16	Reaction of 2,6-dinitroanisole with cyclohexylamine in toluene/ethanol binary solvents. Further support for the dimer nucleophile mechanism in aromatic nucleophilic substitution. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 229-233		12
15	The Role of Galectin-3: From Oligodendroglial Differentiation and Myelination to Demyelination and Remyelination Processes in a Cuprizone-Induced Demyelination Model. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 949, 311-332	3.6	11
14	Natural flavonoids inhibit the plasma membrane Ca-ATPase. <i>Biochemical Pharmacology</i> , 2019 , 166, 1-11	6	9
13	Isovaleramida, principio anticonvulsivo aislado de Valeriana pavonii. <i>Biomedica</i> , 2010 , 30, 245	0.9	8
12	6-Methyl-3'-bromoflavone, a high-affinity ligand for the benzodiazepine binding site of the GABA(A) receptor with some antagonistic properties. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 262, 643-6	3.4	8
11	A synthetic bioisoster of trimethadione and phenytoin elicits anticonvulsant effect, protects the brain oxidative damage produced by seizures and exerts antidepressant action in mice. <i>European Neuropsychopharmacology</i> , 2014 , 24, 1405-14	1.2	7
10	2'-Nitroflavone induces apoptosis and modulates mitogen-activated protein kinase pathways in human leukaemia cells. <i>Anti-Cancer Drugs</i> , 2012 , 23, 815-26	2.4	7
9	Adult CNP::EGFP transgenic mouse shows pronounced hypomyelination and an increased vulnerability to cuprizone-induced demyelination. <i>Experimental Neurology</i> , 2012 , 233, 490-504	5.7	6
8	N-propyl-2,2-diphenyl-2-hydroxyacetamide, a novel hydroxyamide with anticonvulsant, anxiolytic and antidepressant-like effects that inhibits voltage-gated sodium channels. <i>European Journal of Pharmacology</i> , 2018 , 819, 270-280	5.3	5
7	2-Hydroxy-4,5-dimethyl-4-dimethylaminochalcone, a novel fluorescent flavonoid with capacity to detect aluminium in cells and modulate Alzheimer disease targets. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 409, 113137	4.7	4
6	Longitudinal evaluation of a novel BChE PET tracer as an early biomarker in the brain of a mouse model for Alzheimer disease. <i>Theranostics</i> , 2021 , 11, 6542-6559	12.1	4
5	Anticonvulsant profile of 2-ethylthio-7-methyl-4-(4-methylphenyl)pyrazolo[1,5-a][1,3,5]triazine. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014 , 50, 73-81	1.8	3

4	In vitro induction of apoptosis and in vivo effects of a flavone nitroderivative in murine mammary adenocarcinoma cells. <i>International Journal of Cancer</i> , 2009 , 125, 222-8	7.5	3
3	6,3'-Dinitroflavone is a low efficacy modulator of GABA(A) receptors. <i>European Journal of Pharmacology</i> , 2008 , 591, 142-6	5.3	2
2	Neurobehavioral evaluation and phytochemical characterization of a series of argentine valerian species. <i>Heliyon</i> , 2020 , 6, e05691	3.6	1
1	Multitarget 2'-hydroxychalcones as potential drugs for the treatment of neurodegenerative disorders and their comorbidities. <i>Neuropharmacology</i> , 2021 , 201, 108837	5.5	1