Mariel Marder

List of Publications by Year in Descending Order

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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	Multitarget 2′-hydroxychalcones as potential drugs for the treatment of neurodegenerative disorders and their comorbidities. *Neuropharmacology*, **2021**, 201, 108837	5.5	1
56	2-Hydroxy-4,5-dimethyl-4-dimethylaminochalcone, a novel fluorescent flavonoid with capacity to detect aluminium in cells and modulate Alzheimer's disease targets. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 409, 113137	4.7	4
55	Longitudinal evaluation of a novel BChE PET tracer as an early biomarker in the brain of a mouse model for Alzheimer disease. *Theranostics*, **2021**, 11, 6542-6559	12.1	4
54	Neurobehavioral evaluation and phytochemical characterization of a series of argentine valerian species. *Heliyon*, **2020**, 6, e05691	3.6	1
53	Stereoselective Activity of 1-Propargyl-4-styrylpiperidine-like Analogues That Can Discriminate between Monoamine Oxidase Isoforms A and B. *Journal of Medicinal Chemistry*, **2020**, 63, 1361-1387	8.3	20
52	Natural flavonoids inhibit the plasma membrane Ca-ATPase. *Biochemical Pharmacology*, **2019**, 166, 1-11	6	9
51	Chalcone derivatives: synthesis, and evaluation of their anti-anxiety, anti-depression and analgesic effects. *Heliyon*, **2019**, 5, e01376	3.6	15
50	N-propyl-2,2-diphenyl-2-hydroxyacetamide, a novel -hydroxyamide with anticonvulsant, anxiolytic and antidepressant-like effects that inhibits voltage-gated sodium channels. *European Journal of Pharmacology*, **2018**, 819, 270-280	5.3	5
49	Novel sulfamides and sulfamates derived from amino esters: Synthetic studies and anticonvulsant activity. *European Journal of Pharmacology*, **2016**, 774, 55-63	5.3	16
48	The Role of Galectin-3: From Oligodendroglial Differentiation and Myelination to Demyelination and Remyelination Processes in a Cuprizone-Induced Demyelination Model. *Advances in Experimental Medicine and Biology*, **2016**, 949, 311-332	3.6	11
47	Galectin-3 controls the response of microglial cells to limit cuprizone-induced demyelination. *Neurobiology of Disease*, **2014**, 62, 441-55	7.5	49
46	Anticonvulsant profile of 2-ethylthio-7-methyl-4-(4-methylphenyl)pyrazolo[1,5-a][1,3,5]triazine. *Brazilian Journal of Pharmaceutical Sciences*, **2014**, 50, 73-81	1.8	3
45	A synthetic bioisoster of trimethadione and phenytoin elicits anticonvulsant effect, protects the brain oxidative damage produced by seizures and exerts antidepressant action in mice. *European Neuropsychopharmacology*, **2014**, 24, 1405-14	1.2	7
44	Synthesis and anticonvulsant activity of bioisosteres of trimethadione, N-derivative-1,2,3-oxathiazolidine-4-one-2,2-dioxides from -hydroxyamides. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 841-6	3.4	12
43	In vitro binding affinities of a series of flavonoids for -opioid receptors. Antinociceptive effect of the synthetic flavonoid 3,3-dibromoflavanone in mice. *Neuropharmacology*, **2013**, 72, 9-19	5.5	29
42	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. *Biochemical Pharmacology*, **2012**, 83, 253-9	6	14
41	Flavonoids as GABAA receptor ligands: the whole story?. *Journal of Experimental Pharmacology*, **2012**, 4, 9-24	3	45

40	Chronic intraperitoneal and oral treatments with hesperidin induce central nervous system effects in mice. *Phytotherapy Research*, **2012**, 26, 308-12	6.7	12
39	Adult CNP::EGFP transgenic mouse shows pronounced hypomyelination and an increased vulnerability to cuprizone-induced demyelination. *Experimental Neurology*, **2012**, 233, 490-504	5.7	6
38	2'-Nitroflavone induces apoptosis and modulates mitogen-activated protein kinase pathways in human leukaemia cells. *Anti-Cancer Drugs*, **2012**, 23, 815-26	2.4	7
37	Galectin-3 drives oligodendrocyte differentiation to control myelin integrity and function. *Cell Death and Differentiation*, **2011**, 18, 1746-56	12.7	102
36	Hesperidin induces antinociceptive effect in mice and its aglycone, hesperetin, binds to Ebpioid receptor and inhibits GIRK1/2 currents. *Pharmacology Biochemistry and Behavior*, **2011**, 99, 333-41	3.9	20
35	Central nervous system activities of two diterpenes isolated from Aloysia virgata. *Phytomedicine*, **2011**, 18, 393-401	6.5	16
34	Isovaleramida, principio anticonvulsivo aislado de Valeriana pavonii. *Biomedica*, **2010**, 30, 245	0.9	8
33	Hesperidin, a flavonoid glycoside with sedative effect, decreases brain pERK1/2 levels in mice. *Pharmacology Biochemistry and Behavior*, **2009**, 92, 291-6	3.9	21
32	In vitro induction of apoptosis and in vivo effects of a flavone nitroderivative in murine mammary adenocarcinoma cells. *International Journal of Cancer*, **2009**, 125, 222-8	7.5	3
31	Neuroactive flavonoid glycosides from Tilia petiolaris DC. extracts. *Phytotherapy Research*, **2009**, 23, 1453-7	6.7	16
30	Opioid receptors are involved in the sedative and antinociceptive effects of hesperidin as well as in its potentiation with benzodiazepines. *European Journal of Pharmacology*, **2008**, 580, 306-13	5.3	48
29	6,3'-Dinitroflavone is a low efficacy modulator of GABA(A) receptors. *European Journal of Pharmacology*, **2008**, 591, 142-6	5.3	2
28	2'-Nitroflavone induces cell cycle arrest and apoptosis in HeLa human cervical carcinoma cells. *Cancer Letters*, **2008**, 268, 146-57	9.9	12
27	Anticonvulsant and anxiolytic-like effects of compounds isolated from Polygala sabulosa (Polygalaceae) in rodents: in vitro and in vivo interactions with benzodiazepine binding sites. *Psychopharmacology*, **2008**, 197, 351-60	4.7	26
26	Central nervous system depressant action of flavonoid glycosides. *European Journal of Pharmacology*, **2006**, 539, 168-76	5.3	173
25	The anxiolytic-like effects of Aloysia polystachya (Griseb.) Moldenke (Verbenaceae) in mice. *Journal of Ethnopharmacology*, **2006**, 105, 400-8	5	45
24	Antitumor activity of some natural flavonoids and synthetic derivatives on various human and murine cancer cell lines. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 2966-71	3.4	190
23	Synergistic interaction between hesperidin, a natural flavonoid, and diazepam. *European Journal of Pharmacology*, **2005**, 512, 189-98	5.3	53

22	Sedative and sleep-enhancing properties of linarin, a flavonoid-isolated from Valeriana officinalis. *Pharmacology Biochemistry and Behavior*, **2004**, 77, 399-404	3.9	160
21	Antiproliferative activity of various flavonoids and related compounds: additive effect of interferon-alpha2b. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 133-6	2.9	27
20	6-methylapigenin and hesperidin: new valeriana flavonoids with activity on the CNS. *Pharmacology Biochemistry and Behavior*, **2003**, 75, 537-45	3.9	146
19	Isolation and identification of 6-methylapigenin, a competitive ligand for the brain GABA(A) receptors, from Valeriana wallichii. *Planta Medica*, **2002**, 68, 934-6	3.1	72
18	GABA(A)-receptor ligands of flavonoid structure. *Current Topics in Medicinal Chemistry*, **2002**, 2, 853-67	3	135
17	Molecular modeling and QSAR analysis of the interaction of flavone derivatives with the benzodiazepine binding site of the GABA(A) receptor complex. *Bioorganic and Medicinal Chemistry*, **2001**, 9, 323-35	3.4	77
16	6-Chloro-3'-nitroflavone is a potent ligand for the benzodiazepine binding site of the GABA(A) receptor devoid of intrinsic activity. *Pharmacology Biochemistry and Behavior*, **2000**, 65, 313-20	3.9	17
15	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. *Biochemical and Biophysical Research Communications*, **2000**, 273, 694-8	3.4	14
14	Flavonoids and the central nervous system: from forgotten factors to potent anxiolytic compounds. *Journal of Pharmacy and Pharmacology*, **1999**, 51, 519-26	4.8	111
13	6-Methyl-3'-bromoflavone, a high-affinity ligand for the benzodiazepine binding site of the GABA(A) receptor with some antagonistic properties. *Biochemical and Biophysical Research Communications*, **1999**, 262, 643-6	3.4	8
12	Pharmacological characterization of 6-bromo-3'-nitroflavone, a synthetic flavonoid with high affinity for the benzodiazepine receptors. *Pharmacology Biochemistry and Behavior*, **1998**, 61, 239-46	3.9	17
11	Neuroactive flavonoids: new ligands for the Benzodiazepine receptors. *Phytomedicine*, **1998**, 5, 235-43	6.5	63
10	Detection of benzodiazepine receptor ligands in small libraries of flavone derivatives synthesized by solution phase combinatorial chemistry. *Biochemical and Biophysical Research Communications*, **1998**, 249, 481-5	3.4	60
9	Sedative and hypnotic properties of Salvia guaranitica St. Hil. and of its active principle, Cirsiliol. *Phytomedicine*, **1997**, 4, 47-52	6.5	24
8	Overview--flavonoids: a new family of benzodiazepine receptor ligands. *Neurochemical Research*, **1997**, 22, 419-25	4.6	160
7	6-Bromo-3?-nitroflavone, a new high affinity benzodiazepine receptor agonist recognizes two populations of cerebral cortical binding sites. *Bioorganic and Medicinal Chemistry Letters*, **1997**, 7, 373-378	2.9	17
6	Synthesis of halogenated/nitrated flavone derivatives and evaluation of their affinity for the central benzodiazepine receptor. *Bioorganic and Medicinal Chemistry Letters*, **1997**, 7, 2003-2008	2.9	30
5	6-Bromoflavone, a high affinity ligand for the central benzodiazepine receptors is a member of a family of active flavonoids. *Biochemical and Biophysical Research Communications*, **1996**, 223, 384-9	3.4	53

4	Anxioselective properties of 6,3'-dinitroflavone, a high-affinity benzodiazepine receptor ligand. *European Journal of Pharmacology*, **1996**, 318, 23-30	5.3	63
3	Cirsiliol and caffeic acid ethyl ester, isolated from Salvia guaranitica, are competitive ligands for the central benzodiazepine receptors. *Phytomedicine*, **1996**, 3, 29-31	6.5	33
2	6,3'-Dinitroflavone, a novel high affinity ligand for the benzodiazepine receptor with potent anxiolytic properties. *Bioorganic and Medicinal Chemistry Letters*, **1995**, 5, 2717-2720	2.9	30
1	Reaction of 2,6-dinitroanisole with cyclohexylamine in toluene–octanol binary solvents. Further support for the dimer nucleophile mechanism in aromatic nucleophilic substitution. *Journal of the Chemical Society Perkin Transactions II*, **1993**, 229-233		12