

Marta Andres-Mach

List of Publications by Year in descending order

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59
papers

1,369
citations

279487

23
h-index

360668

35
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62
all docs

62
docs citations

62
times ranked

1477
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticonvulsant and acute neurotoxic effects of imperatorin, osthole and valproate in the maximal electroshock seizure and chimney tests in mice: A comparative study. <i>Epilepsy Research</i> , 2009, 85, 293-299.	0.8	112
2	Pharmacological and Behavioral Characteristics of Interactions between Vigabatrin and Conventional Antiepileptic Drugs in Pentylenetetrazole-Induced Seizures in Mice: An Isobolographic Analysis. <i>Neuropsychopharmacology</i> , 2005, 30, 958-973.	2.8	80
3	Osthole suppresses seizures in the mouse maximal electroshock seizure model. <i>European Journal of Pharmacology</i> , 2009, 607, 107-109.	1.7	74
4	Cranial Irradiation Alters the Behaviorally Induced Immediate-Early Gene <i>Arc</i> (Activity-Regulated Cytoskeleton-Associated Protein). <i>Cancer Research</i> , 2008, 68, 9763-9770.	0.4	73
5	Anticonvulsant effects of four linear furanocoumarins, bergapten, imperatorin, oxypeucedanin, and xanthotoxin, in the mouse maximal electroshock-induced seizure model: a comparative study. <i>Pharmacological Reports</i> , 2010, 62, 1231-1236.	1.5	64
6	Radiation effects on neural precursor cells in the dentate gyrus. <i>Cell and Tissue Research</i> , 2008, 331, 251-262.	1.5	63
7	Radiation-induced reductions in neurogenesis are ameliorated in mice deficient in CuZnSOD or MnSOD. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1459-1467.	1.3	58
8	Pharmacodynamic and Pharmacokinetic Characterization of Interactions between Levetiracetam and Numerous Antiepileptic Drugs in the Mouse Maximal Electroshock Seizure Model: An Isobolographic Analysis. <i>Epilepsia</i> , 2006, 47, 10-20.	2.6	57
9	Design, Synthesis, and Anticonvulsant Activity of New Hybrid Compounds Derived from 2-(2,5-Dioxopyrrolidin-1-yl)propanamides and 2-(2,5-Dioxopyrrolidin-1-yl)butanamides. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5274-5286.	2.9	45
10	Mechanisms of epileptogenesis and preclinical approach to antiepileptogenic therapies. <i>Pharmacological Reports</i> , 2018, 70, 284-293.	1.5	41
11	Levetiracetam selectively potentiates the acute neurotoxic effects of topiramate and carbamazepine in the rotarod test in mice. <i>European Neuropsychopharmacology</i> , 2005, 15, 609-616.	0.3	37
12	Effect of ACEA, a selective cannabinoid CB1 receptor agonist on the protective action of different antiepileptic drugs in the mouse pentylenetetrazole-induced seizure model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 301-309.	2.5	32
13	Effect of arachidonyl-2-chloroethylamide, a selective cannabinoid CB1 receptor agonist, on the protective action of the various antiepileptic drugs in the mouse maximal electroshock-induced seizure model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 18-25.	2.5	30
14	Pharmacodynamic and pharmacokinetic interaction profiles of levetiracetam in combination with gabapentin, tiagabine and vigabatrin in the mouse pentylenetetrazole-induced seizure model: An isobolographic analysis. <i>European Journal of Pharmacology</i> , 2009, 605, 87-94.	1.7	29
15	Effects of WIN 55,212-2 mesylate (a synthetic cannabinoid) on the protective action of clonazepam, ethosuximide, phenobarbital and valproate against pentylenetetrazole-induced clonic seizures in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1870-1876.	2.5	29
16	Multifunctional Hybrid Compounds Derived from 2-(2,5-Dioxopyrrolidin-1-yl)-3-methoxypropanamides with Anticonvulsant and Antinociceptive Properties. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8565-8579.	2.9	28
17	Preclinical evaluation of 1,2,4-triazole-based compounds targeting voltage-gated sodium channels (VGSCs) as promising anticonvulsant drug candidates. <i>Bioorganic Chemistry</i> , 2020, 94, 103355.	2.0	28
18	Dietary supplementation with <i>Lactobacillus rhamnosus</i> JB-1 restores brain neurochemical balance and mitigates the progression of mood disorder in a rat model of chronic unpredictable mild stress. <i>Nutrition Research</i> , 2020, 82, 44-57.	1.3	27

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19	Levetiracetam and Felbamate Interact Both Pharmacodynamically and Pharmacokinetically: An Isobolographic Analysis in the Mouse Maximal Electroshock Model. <i>Epilepsia</i> , 2007, 48, 806-815.	2.6	26
20	ACEA (a highly selective cannabinoid CB1 receptor agonist) stimulates hippocampal neurogenesis in mice treated with antiepileptic drugs. <i>Brain Research</i> , 2015, 1624, 86-94.	1.1	26
21	Neurogenesis in the epileptic brain: a brief overview from temporal lobe epilepsy. <i>Pharmacological Reports</i> , 2011, 63, 1316-1323.	1.5	25
22	Ivabradine (a hyperpolarization activated cyclic nucleotide-gated channel blocker) elevates the threshold for maximal electroshock-induced tonic seizures in mice. <i>Pharmacological Reports</i> , 2013, 65, 1407-1414.	1.5	25
23	Isobolographic characterization of the anticonvulsant interaction profiles of levetiracetam in combination with clonazepam, ethosuximide, phenobarbital and valproate in the mouse pentylenetetrazole-induced seizure model. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 607-614.	0.9	24
24	Influence of xanthotoxin (8-methoxypsoralen) on the anticonvulsant activity of various novel antiepileptic drugs against maximal electroshock-induced seizures in mice. <i>FÄ-toterapÄ-Äç</i> , 2016, 115, 86-91.	1.1	24
25	Assessment of the Combined Treatment with Umbelliferone and Four Classical Antiepileptic Drugs Against Maximal Electroshock-Induced Seizures in Mice. <i>Pharmacology</i> , 2015, 96, 175-180.	0.9	22
26	New hybrid molecules with anticonvulsant and antinociceptive activity derived from 3-methyl- or 3,3-dimethyl-1-[1-oxo-1-(4-phenylpiperazin-1-yl)propan-2-yl]pyrrolidine-2,5-diones. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 606-618.	1.4	22
27	A Long-Term Treatment with Arachidonyl-2-Ä²-Chloroethylamide Combined with Valproate Increases Neurogenesis in a Mouse Pilocarpine Model of Epilepsy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 900.	1.8	22
28	Effects of WIN 55,212-2 (a synthetic cannabinoid CB1 and CB2 receptor agonist) on the anticonvulsant activity of various novel antiepileptic drugs against 6Hz-induced psychomotor seizures in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 130, 53-58.	1.3	20
29	Synergistic interaction of gabapentin and oxcarbazepine in the mouse maximal electroshock seizure modelâ€”an isobolographic analysis. <i>European Journal of Pharmacology</i> , 2005, 515, 54-61.	1.7	19
30	Influence of caffeine on the protective activity of gabapentin and topiramate in a mouse model of generalized tonic-clonic seizures. <i>Pharmacological Reports</i> , 2016, 68, 680-685.	1.5	17
31	N-Benzyl-(2,5-dioxopyrrolidin-1-yl)propanamide (AS-1) with Hybrid Structure as a Candidate for a Broad-Spectrum Antiepileptic Drug. <i>Neurotherapeutics</i> , 2020, 17, 309-328.	2.1	17
32	Modafinil and its metabolites enhance the anticonvulsant action of classical antiepileptic drugs in the mouse maximal electroshock-induced seizure model. <i>Psychopharmacology</i> , 2015, 232, 2463-2479.	1.5	15
33	Topinambur â€œ new possibilities for use in a supplementation diet. <i>Annals of Agricultural and Environmental Medicine</i> , 2019, 26, 24-28.	0.5	15
34	Evaluation of the impact of compound C11 a new anticonvulsant candidate on cognitive functions and hippocampal neurogenesis in mouse brain. <i>Neuropharmacology</i> , 2020, 163, 107849.	2.0	14
35	Synthesis and biological investigation of potential atypical antipsychotics with a tropane core. Part 1. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4474-4488.	2.6	12
36	Coumarins as potential supportive medication for the treatment of epilepsy. <i>Acta Neurobiologiae Experimentalis</i> , 2019, 79, 126-132.	0.4	12

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37	Effects of three N-(carboxyanilino)methyl derivatives of p-isopropoxyphenylsuccinimide on the anticonvulsant action of carbamazepine, phenobarbital, phenytoin and valproate in the mouse maximal electroshock-induced seizure model. <i>European Journal of Pharmacology</i> , 2010, 648, 74-79.	1.7	11
38	Effects of arachidonyl-2- ω -chloroethylamide (ACEA) on the protective action of various antiepileptic drugs in the 6-Hz corneal stimulation model in mice. <i>PLoS ONE</i> , 2017, 12, e0183873.	1.1	10
39	Levetiracetam combined with ACEA, highly selective cannabinoid CB1 receptor agonist changes neurogenesis in mouse brain. <i>Neuroscience Letters</i> , 2019, 696, 79-86.	1.0	9
40	Preclinical Assessment of a New Hybrid Compound C11 Efficacy on Neurogenesis and Cognitive Functions after Pilocarpine Induced Status Epilepticus in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3240.	1.8	9
41	Synthesis and biological investigation of new equatorial (\hat{I}^2) stereoisomers of 3-aminotropane arylamides with atypical antipsychotic profile. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3994-4007.	1.4	8
42	Influence of Umbelliferone on the Anticonvulsant and Neuroprotective Activity of Selected Antiepileptic Drugs: An In Vivo and In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3492.	1.8	7
43	Continuous Ingestion of <i>Lactobacillus rhamnosus</i> JB-1 during Chronic Stress Ensures Neurometabolic and Behavioural Stability in Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5173.	1.8	7
44	Additive Interactions between 1-Methyl-1,2,3,4-Tetrahydroisoquinoline and Clobazam in the Mouse Maximal Electroshock-Induced Tonic Seizure Model - An Isobolographic Analysis for Parallel Dose-Response Relationship Curves. <i>Pharmacology</i> , 2014, 93, 172-177.	0.9	6
45	Xanthotoxin enhances the anticonvulsant potency of levetiracetam and valproate in the 6-Hz corneal stimulation model in mice. <i>Fundamental and Clinical Pharmacology</i> , 2022, 36, 133-142.	1.0	6
46	Effect of Chronic Administration of 5-(3-chlorophenyl)-4-Hexyl-2,4-Dihydro-3H-1,2,4-Triazole-3-Thione (TP-315) "A New Anticonvulsant Drug Candidate" On Living Organisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3358.	1.8	5
47	Indapamide enhances the protective action of carbamazepine, phenobarbital, and valproate against maximal electroshock-induced seizures in mice. <i>Advances in Medical Sciences</i> , 2009, 54, 66-74.	0.9	4
48	Coumarins as potential supportive medication for the treatment of epilepsy. <i>Acta Neurobiologiae Experimentalis</i> , 2019, 79, 126-132.	0.4	4
49	Effect of 1-methyl-1,2,3,4-tetrahydroisoquinoline on the protective action of various antiepileptic drugs in the maximal electroshock-induced seizure model: a type II isobolographic analysis. <i>Journal of Neural Transmission</i> , 2013, 120, 1651-1663.	1.4	3
50	C-11, a New Antiepileptic Drug Candidate: Evaluation of the Physicochemical Properties and Impact on the Protective Action of Selected Antiepileptic Drugs in the Mouse Maximal Electroshock-Induced Seizure Model. <i>Molecules</i> , 2021, 26, 3144.	1.7	3
51	Effect of Lacosamide and Ethosuximide Chronic Treatment on Neural Precursor Cells and Cognitive Functions after Pilocarpine Induced Status Epilepticus in Mice. <i>Brain Sciences</i> , 2021, 11, 1014.	1.1	3
52	Increased neurogenesis after ACEA and levetiracetam treatment in mouse pilocarpine model of epilepsy. <i>Journal of Pre-Clinical and Clinical Research</i> , 2017, 11, 136-141.	0.2	3
53	Seizure susceptibility to electroconvulsions or pentylenetetrazol after complete cerebral ischemia in rats due to cardiac arrest. <i>Pharmacological Reports</i> , 2015, 67, 417-420.	1.5	2
54	Selected flavonoids and their role in the treatment of epilepsy " a review of the latest reports from experimental studies. <i>Acta Neurobiologiae Experimentalis</i> , 2021, 81, 95-104.	0.4	2

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55	Future prospects for cannabinoids and endogenous cannabinoid system in the epileptic brain - A short overview of the latest scientific reports. <i>Drugs of the Future</i> , 2014, 39, 857.	0.0	2
56	New Phenylglycinamide Derivatives with Hybrid Structure as Candidates for New Broad-Spectrum Anticonvulsants. <i>Cells</i> , 2022, 11, 1862.	1.8	1
57	Radiation effects on neurogenic regions in the mammalian forebrain. <i>Future Neurology</i> , 2007, 2, 647-659.	0.9	0
58	Saturation transfer MRI is sensitive to neurochemical changes in the rat brain due to chronic unpredictable mild stress. <i>Scientific Reports</i> , 2021, 11, 19040.	1.6	0
59	Spectroscopic Evaluation of the Potential Neurotoxic Effects of a New Candidate for Anti-Seizure Medication "TP-315 during Chronic Administration (In Vivo). <i>International Journal of Molecular Sciences</i> , 2022, 23, 4607.	1.8	0