

Katarzyna Socala

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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.

47 papers	658 citations	15 h-index	21 g-index
52 ext. papers	875 ext. citations	5 avg, IF	4.13 L-index

#	Paper	IF	Citations
47	Anticonvulsant profile of caprylic acid, a main constituent of the medium-chain triglyceride (MCT) ketogenic diet, in mice. <i>Neuropharmacology</i> , 2012 , 62, 1882-9	5.5	50
46	Acute anticonvulsant effects of capric acid in seizure tests in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 57, 110-6	5.5	48
45	Effect of quercetin and rutin in some acute seizure models in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 54, 50-8	5.5	44
44	Neuroprotective Effects of Coffee Bioactive Compounds: A Review. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	27
43	Evaluation of the antidepressant- and anxiolytic-like activity of Espinasterol, a plant derivative with TRPV1 antagonistic effects, in mice. <i>Behavioural Brain Research</i> , 2016 , 303, 19-25	3.4	23
42	Effects of sarcosine, a glycine transporter type 1 inhibitor, in two mouse seizure models. <i>Pharmacological Reports</i> , 2010 , 62, 392-7	3.9	23
41	Increased seizure susceptibility and other toxicity symptoms following acute sulforaphane treatment in mice. <i>Toxicology and Applied Pharmacology</i> , 2017 , 326, 43-53	4.6	21
40	Anticonvulsant Activity of Pterostilbene in Zebrafish and Mouse Acute Seizure Tests. <i>Neurochemical Research</i> , 2019 , 44, 1043-1055	4.6	20
39	Effects of sildenafil on pentylenetetrazol-induced convulsions in mice and amygdala-kindled seizures in rats. <i>Pharmacological Reports</i> , 2010 , 62, 383-91	3.9	20
38	KA-11, a Novel Pyrrolidine-2,5-dione Derived Broad-Spectrum Anticonvulsant: Its Antiepileptogenic, Antinociceptive Properties and in Vitro Characterization. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 636-648	5.7	19
37	Espinasterol, a TRPV1 receptor antagonist, elevates the seizure threshold in three acute seizure tests in mice. <i>Journal of Neural Transmission</i> , 2015 , 122, 1239-47	4.3	18
36	Effect of sildenafil, a selective phosphodiesterase 5 inhibitor, on the anticonvulsant action of some antiepileptic drugs in the mouse 6-Hz psychomotor seizure model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 47, 104-10	5.5	18
35	The role of microbiota-gut-brain axis in neuropsychiatric and neurological disorders. <i>Pharmacological Research</i> , 2021 , 172, 105840	10.2	17
34	The atypical anxiolytic drug, tofisopam, selectively blocks phosphodiesterase isoenzymes and is active in the mouse model of negative symptoms of psychosis. <i>Journal of Neural Transmission</i> , 2010 , 117, 1319-25	4.3	16
33	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the antidepressant activity of amitriptyline but not desipramine, in the forced swim test in mice. <i>Journal of Neural Transmission</i> , 2012 , 119, 645-52	4.3	15
32	Influence of sildenafil on the anticonvulsant action of selected antiepileptic drugs against pentylenetetrazole-induced clonic seizures in mice. <i>Journal of Neural Transmission</i> , 2012 , 119, 923-31	4.3	15
31	Evaluation of Anticonvulsant, Antidepressant-, and Anxiolytic-like Effects of an Aqueous Extract from Cultured Mycelia of the Lingzhi or Reishi Medicinal Mushroom <i>Ganoderma lucidum</i> (Higher Basidiomycetes) in Mice. <i>International Journal of Medicinal Mushrooms</i> , 2015 , 17, 209-18	1.3	15

30	Role of the adenosine system and glucose restriction in the acute anticonvulsant effect of caprylic acid in the 6 Hz psychomotor seizure test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 57, 44-51	5.5	14
29	Acute effect of cannabidiol on the activity of various novel antiepileptic drugs in the maximal electroshock- and 6 Hz-induced seizures in mice: Pharmacodynamic and pharmacokinetic studies. <i>Neuropharmacology</i> , 2019 , 158, 107733	5.5	14
28	Involvement of NMDA receptor complex in the anxiolytic-like effects of chlordiazepoxide in mice. <i>Journal of Neural Transmission</i> , 2011 , 118, 857-64	4.3	14
27	Clavulanic acid does not affect convulsions in acute seizure tests in mice. <i>Journal of Neural Transmission</i> , 2012 , 119, 1-6	4.3	13
26	Influence of sildenafil on the antidepressant activity of bupropion and venlafaxine in the forced swim test in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 273-8	3.9	13
25	Evaluation of the Anticonvulsant Effect of Brilliant Blue G, a Selective P2X7 Receptor Antagonist, in the iv PTZ-, Maximal Electroshock-, and 6 Hz-Induced Seizure Tests in Mice. <i>Neurochemical Research</i> , 2017 , 42, 3114-3124	4.6	12
24	Lack of effect of sildenafil on cocaine-induced convulsions in mice. <i>Pharmacological Reports</i> , 2009 , 61, 930-4	3.9	12
23	Anticonvulsant activity of melatonin, but not melatonin receptor agonists Neu-P11 and Neu-P67, in mice. <i>Behavioural Brain Research</i> , 2016 , 307, 199-207	3.4	12
22	Antidepressant-like activity of sildenafil following acute and subchronic treatment in the forced swim test in mice: effects of restraint stress and monoamine depletion. <i>Metabolic Brain Disease</i> , 2016 , 31, 1095-104	3.9	11
21	Sildenafil, a phosphodiesterase type 5 inhibitor, reduces antidepressant-like activity of paroxetine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2012 , 64, 1259-66	3.9	11
20	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the activity of two atypical antidepressant drugs, mianserin and tianeptine, in the forced swim test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012 , 38, 121-6	5.5	11
19	Assessment of the Anticonvulsant Potency of Ursolic Acid in Seizure Threshold Tests in Mice. <i>Neurochemical Research</i> , 2018 , 43, 995-1002	4.6	10
18	HBK-14 and HBK-15, triple 5-HT _{1A} , 5-HT _{2A} and 5-HT _{2C} antagonists with potent antidepressant- and anxiolytic-like properties, increase seizure threshold in various seizure tests in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 378-385	5.5	9
17	Sildenafil influences the anticonvulsant activity of vigabatrin and gabapentin in the timed pentylentetrazole infusion test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012 , 39, 129-35	5.5	9
16	Influence of the phosphodiesterase type 5 inhibitor, sildenafil, on antidepressant-like activity of magnesium in the forced swim test in mice. <i>Pharmacological Reports</i> , 2012 , 64, 205-11	3.9	9
15	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	6.4	9
14	Effect of Tadalafil on Seizure Threshold and Activity of Antiepileptic Drugs in Three Acute Seizure Tests in Mice. <i>Neurotoxicity Research</i> , 2018 , 34, 333-346	4.3	8
13	SB 334867, a selective orexin receptor type 1 antagonist, elevates seizure threshold in mice. <i>Life Sciences</i> , 2016 , 150, 81-8	6.8	8

12	An anti-immobility effect of spermine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2014 , 66, 223-7	3.9	8
11	Neuropharmacological characterization of the oneirogenic Mexican plant <i>Calea zacatechichi</i> aqueous extract in mice. <i>Metabolic Brain Disease</i> , 2016 , 31, 631-41	3.9	7
10	A new method to model electroconvulsive therapy in rats with increased construct validity and enhanced translational value. <i>Journal of Psychiatric Research</i> , 2014 , 53, 94-8	5.2	6
9	The mu-opioid receptor-selective peptide antagonists, antanal-1 and antanal-2, produce anticonvulsant effects in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 40, 126-31	5.5	6
8	Effect of sildenafil on the activity of some antidepressant drugs and electroconvulsive shock treatment in the forced swim test in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017 , 390, 339-349	3.4	5
7	Effect of Pterostilbene, a Natural Analog of Resveratrol, on the Activity of some Antiepileptic Drugs in the Acute Seizure Tests in Mice. <i>Neurotoxicity Research</i> , 2019 , 36, 859-869	4.3	5
6	Effects of classic antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2021 , 415, 115429	4.6	4
5	Salvinorin A Does Not Affect Seizure Threshold in Mice. <i>Molecules</i> , 2020 , 25,	4.8	2
4	Anticonvulsant effect of pterostilbene and its influence on the anxiety- and depression-like behavior in the pentetrazol-kindled mice: behavioral, biochemical, and molecular studies. <i>Psychopharmacology</i> , 2021 , 238, 3167-3181	4.7	2
3	Evaluation of the role of different neurotransmission systems in the anticonvulsant action of sildenafil in the 6 Hz-induced psychomotor seizure threshold test in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 1674-1681	7.5	1
2	Purinergic transmission in depressive disorders. <i>Pharmacology & Therapeutics</i> , 2021 , 224, 107821	13.9	1
1	Effects of new antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2021 , 427, 115655	4.6	1