Katarzyna Socala

List of Publications by Year in Descending Order

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	Effects of classic antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. *Toxicology and Applied Pharmacology*, **2021**, 415, 115429	4.6	4
46	Anticonvulsant effect of pterostilbene and its influence on the anxiety- and depression-like behavior in the pentetrazol-kindled mice: behavioral, biochemical, and molecular studies. *Psychopharmacology*, **2021**, 238, 3167-3181	4.7	2
45	Purinergic transmission in depressive disorders. *Pharmacology & Therapeutics*, **2021**, 224, 107821	13.9	1
44	Effects of new antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. *Toxicology and Applied Pharmacology*, **2021**, 427, 115655	4.6	1
43	The role of microbiota-gut-brain axis in neuropsychiatric and neurological disorders. *Pharmacological Research*, **2021**, 172, 105840	10.2	17
42	Salvinorin A Does Not Affect Seizure Threshold in Mice. *Molecules*, **2020**, 25,	4.8	2
41	Neuroprotective Effects of Coffee Bioactive Compounds: A Review. *International Journal of Molecular Sciences*, **2020**, 22,	6.3	27
40	N-Benzyl-(2,5-dioxopyrrolidin-1-yl)propanamide (AS-1) with Hybrid Structure as a Candidate for a Broad-Spectrum Antiepileptic Drug. *Neurotherapeutics*, **2020**, 17, 309-328	6.4	9
39	Anticonvulsant Activity of Pterostilbene in Zebrafish and Mouse Acute Seizure Tests. *Neurochemical Research*, **2019**, 44, 1043-1055	4.6	20
38	Effect of Pterostilbene, a Natural Analog of Resveratrol, on the Activity of some Antiepileptic Drugs in the Acute Seizure Tests in Mice. *Neurotoxicity Research*, **2019**, 36, 859-869	4.3	5
37	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. *Neuropharmacology*, **2019**, 158, 107733	5.5	14
36	KA-11, a Novel Pyrrolidine-2,5-dione Derived Broad-Spectrum Anticonvulsant: Its Antiepileptogenic, Antinociceptive Properties and in Vitro Characterization. *ACS Chemical Neuroscience*, **2019**, 10, 636-648	5.7	19
35	Effect of Tadalafil on Seizure Threshold and Activity of Antiepileptic Drugs in Three Acute Seizure Tests in Mice. *Neurotoxicity Research*, **2018**, 34, 333-346	4.3	8
34	Assessment of the Anticonvulsant Potency of Ursolic Acid in Seizure Threshold Tests in Mice. *Neurochemical Research*, **2018**, 43, 995-1002	4.6	10
33	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. *Biomedicine and Pharmacotherapy*, **2018**, 107, 1674-1681	7.5	1
32	Increased seizure susceptibility and other toxicity symptoms following acute sulforaphane treatment in mice. *Toxicology and Applied Pharmacology*, **2017**, 326, 43-53	4.6	21
31	Effect of sildenafil on the activity of some antidepressant drugs and electroconvulsive shock treatment in the forced swim test in mice. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2017**, 390, 339-349	3.4	5

30	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. *Neurochemical Research*, **2017**, 42, 3114-3124	4.6	12
29	HBK-14 and HBK-15, triple 5-HT, 5-HT and 5-HT antagonists with potent antidepressant- and anxiolytic-like properties, increase seizure threshold in various seizure tests in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 79, 378-385	5.5	9
28	Antidepressant-like activity of sildenafil following acute and subchronic treatment in the forced swim test in mice: effects of restraint stress and monoamine depletion. *Metabolic Brain Disease*, **2016**, 31, 1095-104	3.9	11
27	Evaluation of the antidepressant- and anxiolytic-like activity of spinasterol, a plant derivative with TRPV1 antagonistic effects, in mice. *Behavioural Brain Research*, **2016**, 303, 19-25	3.4	23
26	Neuropharmacological characterization of the oneirogenic Mexican plant Calea zacatechichi aqueous extract in mice. *Metabolic Brain Disease*, **2016**, 31, 631-41	3.9	7
25	SB 334867, a selective orexin receptor type 1 antagonist, elevates seizure threshold in mice. *Life Sciences*, **2016**, 150, 81-8	6.8	8
24	Anticonvulsant activity of melatonin, but not melatonin receptor agonists Neu-P11 and Neu-P67, in mice. *Behavioural Brain Research*, **2016**, 307, 199-207	3.4	12
23	Spinasterol, a TRPV1 receptor antagonist, elevates the seizure threshold in three acute seizure tests in mice. *Journal of Neural Transmission*, **2015**, 122, 1239-47	4.3	18
22	Acute anticonvulsant effects of capric acid in seizure tests in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 57, 110-6	5.5	48
21	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. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 57, 44-51	5.5	14
20	Evaluation of Anticonvulsant, Antidepressant-, and Anxiolytic-like Effects of an Aqueous Extract from Cultured Mycelia of the Lingzhi or Reishi Medicinal Mushroom Ganoderma lucidum (Higher Basidiomycetes) in Mice. *International Journal of Medicinal Mushrooms*, **2015**, 17, 209-18	1.3	15
19	Effect of quercetin and rutin in some acute seizure models in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2014**, 54, 50-8	5.5	44
18	A new method to model electroconvulsive therapy in rats with increased construct validity and enhanced translational value. *Journal of Psychiatric Research*, **2014**, 53, 94-8	5.2	6
17	An anti-immobility effect of spermine in the forced swim test in mice. *Pharmacological Reports*, **2014**, 66, 223-7	3.9	8
16	Effect of sildenafil, a selective phosphodiesterase 5 inhibitor, on the anticonvulsant action of some antiepileptic drugs in the mouse 6-Hz psychomotor seizure model. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 47, 104-10	5.5	18
15	The mu-opioid receptor-selective peptide antagonists, antanal-1 and antanal-2, produce anticonvulsant effects in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 40, 126-31	5.5	6
14	Clavulanic acid does not affect convulsions in acute seizure tests in mice. *Journal of Neural Transmission*, **2012**, 119, 1-6	4.3	13
13	Sildenafil, a phosphodiesterase type 5 inhibitor, reduces antidepressant-like activity of paroxetine in the forced swim test in mice. *Pharmacological Reports*, **2012**, 64, 1259-66	3.9	11

12	Anticonvulsant profile of caprylic acid, a main constituent of the medium-chain triglyceride (MCT) ketogenic diet, in mice. *Neuropharmacology*, **2012**, 62, 1882-9	5.5	50
11	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the activity of two atypical antidepressant drugs, mianserin and tianeptine, in the forced swim test in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 38, 121-6	5.5	11
10	Influence of sildenafil on the antidepressant activity of bupropion and venlafaxine in the forced swim test in mice. *Pharmacology Biochemistry and Behavior*, **2012**, 103, 273-8	3.9	13
9	Sildenafil influences the anticonvulsant activity of vigabatrin and gabapentin in the timed pentylenetetrazole infusion test in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 39, 129-35	5.5	9
8	Influence of the phosphodiesterase type 5 inhibitor, sildenafil, on antidepressant-like activity of magnesium in the forced swim test in mice. *Pharmacological Reports*, **2012**, 64, 205-11	3.9	9
7	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the antidepressant activity of amitriptyline but not desipramine, in the forced swim test in mice. *Journal of Neural Transmission*, **2012**, 119, 645-52	4.3	15
6	Influence of sildenafil on the anticonvulsant action of selected antiepileptic drugs against pentylenetetrazole-induced clonic seizures in mice. *Journal of Neural Transmission*, **2012**, 119, 923-31	4.3	15
5	Involvement of NMDA receptor complex in the anxiolytic-like effects of chlordiazepoxide in mice. *Journal of Neural Transmission*, **2011**, 118, 857-64	4.3	14
4	Effects of sildenafil on pentylenetetrazol-induced convulsions in mice and amygdala-kindled seizures in rats. *Pharmacological Reports*, **2010**, 62, 383-91	3.9	20
3	Effects of sarcosine, a glycine transporter type 1 inhibitor, in two mouse seizure models. *Pharmacological Reports*, **2010**, 62, 392-7	3.9	23
2	The atypical anxiolytic drug, tofisopam, selectively blocks phosphodiesterase isoenzymes and is active in the mouse model of negative symptoms of psychosis. *Journal of Neural Transmission*, **2010**, 117, 1319-25	4.3	16
1	Lack of effect of sildenafil on cocaine-induced convulsions in mice. *Pharmacological Reports*, **2009**, 61, 930-4	3.9	12