

Samba Reddy

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8491005/samba-reddy-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

90
papers

4,739
citations

42
h-index

67
g-index

93
ext. papers

5,278
ext. citations

4.8
avg, IF

6.59
L-index

#	Paper	IF	Citations
90	Post-Traumatic Epilepsy and Comorbidities: Advanced Models, Molecular Mechanisms, Biomarkers, and Novel Therapeutic Interventions.. <i>Pharmacological Reviews</i> , 2022 , 74, 387-438	22.5	2
89	Molecular mechanisms of sex differences in epilepsy and seizure susceptibility in chemical, genetic and acquired epileptogenesis. <i>Neuroscience Letters</i> , 2021 , 750, 135753	3.3	6
88	Comparative profile of refractory status epilepticus models following exposure of cholinergic agents pilocarpine, DFP, and soman. <i>Neuropharmacology</i> , 2021 , 191, 108571	5.5	5
87	Neurosteroid replacement therapy for catamenial epilepsy, postpartum depression and neuroendocrine disorders in women. <i>Journal of Neuroendocrinology</i> , 2021 , e13028	3.8	1
86	Long-term changes in neuroimaging markers, cognitive function and psychiatric symptoms in an experimental model of Gulf War Illness. <i>Life Sciences</i> , 2021 , 285, 119971	6.8	1
85	Phenobarbital as alternate anticonvulsant for organophosphate-induced benzodiazepine-refractory status epilepticus and neuronal injury. <i>Epilepsia Open</i> , 2020 , 5, 198-212	4	7
84	Brain structural and neuroendocrine basis of sex differences in epilepsy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 175, 223-233	3	2
83	Magnetic resonance imaging analysis of long-term neuropathology after exposure to the nerve agent soman: correlation with histopathology and neurological dysfunction. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1480, 116-135	6.5	7
82	Isobolographic Analysis of Antiseizure Activity of the GABA Type A Receptor-Modulating Synthetic Neurosteroids Brexanolone and Ganaxolone with Tiagabine and Midazolam. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020 , 372, 285-298	4.7	17
81	Extrasynaptic γ -aminobutyric acid type A receptor-mediated sex differences in the antiseizure activity of neurosteroids in status epilepticus and complex partial seizures. <i>Epilepsia</i> , 2019 , 60, 730-743	6.4	27
80	An enigmatic role of tonic inhibition in gabapentin therapy. <i>EBioMedicine</i> , 2019 , 42, 14-15	8.8	2
79	Zinc reduces antiseizure activity of neurosteroids by selective blockade of extrasynaptic GABA-A receptor-mediated tonic inhibition in the hippocampus. <i>Neuropharmacology</i> , 2019 , 148, 244-256	5.5	10
78	3-Methyl-Neurosteroid Analogs Are Preferential Positive Allosteric Modulators and Direct Activators of Extrasynaptic γ -Subunit γ -Aminobutyric Acid Type A Receptors in the Hippocampus Dentate Gyrus Subfield. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 583-601	4.7	18
77	GABA-A Receptors Mediate Tonic Inhibition and Neurosteroid Sensitivity in the Brain. <i>Vitamins and Hormones</i> , 2018 , 107, 177-191	2.5	20
76	Role of β -specific GABA-A receptor isoforms in the development of hippocampus kindling epileptogenesis. <i>Epilepsy and Behavior</i> , 2018 , 82, 57-63	3.2	6
75	A resurging boom in new drugs for epilepsy and brain disorders. <i>Expert Review of Clinical Pharmacology</i> , 2018 , 11, 27-45	3.8	36
74	Midazolam-Resistant Seizures and Brain Injury after Acute Intoxication of Diisopropylfluorophosphate, an Organophosphate Pesticide and Surrogate for Nerve Agents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 367, 302-321	4.7	39

73	Measuring Histone Deacetylase Inhibition in the Brain. <i>Current Protocols in Pharmacology</i> , 2018 , 81, e41	4.1	13
72	Epigenetic Histone Deacetylation Inhibition Prevents the Development and Persistence of Temporal Lobe Epilepsy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 364, 97-109	4.7	31
71	Genetic and Molecular Regulation of Extrasynaptic GABA-A Receptors in the Brain: Therapeutic Insights for Epilepsy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 364, 180-197	4.7	57
70	Neuroendocrine aspects of improving sleep in epilepsy. <i>Epilepsy Research</i> , 2018 , 147, 32-41	3	11
69	PR-independent neurosteroid regulation of δ -GABA-A receptors in the hippocampus subfields. <i>Brain Research</i> , 2017 , 1659, 142-147	3.7	11
68	Catamenial-like seizure exacerbation in mice with targeted ablation of extrasynaptic α 5GABA-a receptors in the brain. <i>Journal of Neuroscience Research</i> , 2017 , 95, 1906-1916	4.4	10
67	Novel therapeutic approaches for disease-modification of epileptogenesis for curing epilepsy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1519-1538	6.9	51
66	Neurocysticercosis as an infectious acquired epilepsy worldwide. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017 , 52, 176-181	3.2	26
65	Atomic force microscopy investigations of fibronectin and β 1-integrin signaling in neuroplasticity and seizure susceptibility in experimental epilepsy. <i>Epilepsy Research</i> , 2017 , 138, 71-80	3	7
64	Response to: Birth control in epilepsy: we need to know moreZ <i>Expert Review of Neurotherapeutics</i> , 2017 , 17, 523	4.3	
63	Prospects of modeling poststroke epileptogenesis. <i>Journal of Neuroscience Research</i> , 2017 , 95, 1000-1014	4.4	24
62	The Utility of Cannabidiol in the Treatment of Refractory Epilepsy. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 101, 182-184	6.1	50
61	Do oral contraceptives increase epileptic seizures?. <i>Expert Review of Neurotherapeutics</i> , 2017 , 17, 129-134	4.3	11
60	The neuroendocrine basis of sex differences in epilepsy. <i>Pharmacology Biochemistry and Behavior</i> , 2017 , 152, 97-104	3.9	24
59	The Pharmacological Basis of Cannabis Therapy for Epilepsy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 357, 45-55	4.7	75
58	Neurosteroid Structure-Activity Relationships for Functional Activation of Extrasynaptic α 5GABA(A) Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 357, 188-204	4.7	51
57	Atomic Force Microscopy Protocol for Measurement of Membrane Plasticity and Extracellular Interactions in Single Neurons in Epilepsy. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 88	5.3	11
56	Catamenial Epilepsy: Discovery of an Extrasynaptic Molecular Mechanism for Targeted Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 101	6.1	18

55	Seizure facilitating activity of the oral contraceptive ethinyl estradiol. <i>Epilepsy Research</i> , 2016 , 121, 29-33	22
54	Clinical Potential of Neurosteroids for CNS Disorders. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 543-561	105
53	Neurosteroids for the potential protection of humans against organophosphate toxicity. <i>Annals of the New York Academy of Sciences</i> , 2016 , 1378, 25-32	6.5 19
52	Zinc Selectively Blocks Neurosteroid-Sensitive Extrasynaptic α 1 GABA _A Receptors in the Hippocampus. <i>Journal of Neuroscience</i> , 2016 , 36, 8070-7	6.6 25
51	Midazolam as an anticonvulsant antidote for organophosphate intoxication--A pharmacotherapeutic appraisal. <i>Epilepsia</i> , 2015 , 56, 813-21	6.4 57
50	Neurosterology protocol for unbiased quantification of neuronal injury and neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 196	5.3 40
49	Antiseizure Activity of Midazolam in Mice Lacking β Subunit Extrasynaptic GABA(A) Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 353, 517-28	4.7 26
48	Neurosteroids and their role in sex-specific epilepsies. <i>Neurobiology of Disease</i> , 2014 , 72 Pt B, 198-209	7.5 42
47	Perimenstrual-like hormonal regulation of extrasynaptic β -containing GABA _A receptors mediating tonic inhibition and neurosteroid sensitivity. <i>Journal of Neuroscience</i> , 2014 , 34, 14181-97	6.6 47
46	Neurosteroid interactions with synaptic and extrasynaptic GABA(A) receptors: regulation of subunit plasticity, phasic and tonic inhibition, and neuronal network excitability. <i>Psychopharmacology</i> , 2013 , 230, 151-88	4.7 155
45	Experimental models of status epilepticus and neuronal injury for evaluation of therapeutic interventions. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 18284-318	6.3 149
44	Neuroendocrine aspects of catamenial epilepsy. <i>Hormones and Behavior</i> , 2013 , 63, 254-66	3.7 52
43	The pathophysiological and pharmacological basis of current drug treatment of migraine headache. <i>Expert Review of Clinical Pharmacology</i> , 2013 , 6, 271-88	3.8 14
42	Estrous cycle regulation of extrasynaptic β -containing GABA(A) receptor-mediated tonic inhibition and limbic epileptogenesis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 346, 146-60	4.7 64
41	Role of hormones and neurosteroids in epileptogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 115	6.1 46
40	Current pharmacotherapy of attention deficit hyperactivity disorder. <i>Drugs of Today</i> , 2013 , 49, 647-65	2.5 32
39	Finasteride inhibits the disease-modifying activity of progesterone in the hippocampus kindling model of epileptogenesis. <i>Epilepsy and Behavior</i> , 2012 , 25, 92-7	3.2 23
38	A mouse kindling model of perimenstrual catamenial epilepsy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 784-93	4.7 36

37	Role of anticonvulsant and antiepileptogenic neurosteroids in the pathophysiology and treatment of epilepsy. <i>Frontiers in Endocrinology</i> , 2011 , 2, 38	5.7	56
36	Neuroendocrinological aspects of epilepsy: important issues and trends in future research. <i>Epilepsy and Behavior</i> , 2011 , 22, 94-102	3.2	50
35	Development and persistence of limbic epileptogenesis are impaired in mice lacking progesterone receptors. <i>Journal of Neuroscience</i> , 2011 , 31, 650-8	6.6	56
34	The testosterone-derived neurosteroid androstenediol is a positive allosteric modulator of GABAA receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 1031-41	4.7	125
33	Clinical pharmacokinetic interactions between antiepileptic drugs and hormonal contraceptives. <i>Expert Review of Clinical Pharmacology</i> , 2010 , 3, 183-192	3.8	71
32	Disease-modifying activity of progesterone in the hippocampus kindling model of epileptogenesis. <i>Neuropharmacology</i> , 2010 , 59, 573-81	5.5	45
31	Neurosteroid withdrawal regulates GABA-A receptor α -subunit expression and seizure susceptibility by activation of progesterone receptor-independent early growth response factor-3 pathway. <i>Neuroscience</i> , 2010 , 170, 865-80	3.9	63
30	Neurosteroids: endogenous role in the human brain and therapeutic potentials. <i>Progress in Brain Research</i> , 2010 , 186, 113-37	2.9	367
29	Ganaxolone suppression of behavioral and electrographic seizures in the mouse amygdala kindling model. <i>Epilepsy Research</i> , 2010 , 89, 254-60	3	67
28	Neurosteroids as endogenous regulators of seizure susceptibility and use in the treatment of epilepsy. <i>Epilepsia</i> , 2010 , 51, 84	6.4	10
27	Neurosteroid replacement therapy for catamenial epilepsy. <i>Neurotherapeutics</i> , 2009 , 6, 392-401	6.4	107
26	The optimization of TaqMan real-time RT-PCR assay for transcriptional profiling of GABA-A receptor subunit plasticity. <i>Journal of Neuroscience Methods</i> , 2009 , 181, 58-66	3	30
25	The role of neurosteroids in the pathophysiology and treatment of catamenial epilepsy. <i>Epilepsy Research</i> , 2009 , 85, 1-30	3	121
24	Mass spectrometric assay and physiological-pharmacological activity of androgenic neurosteroids. <i>Neurochemistry International</i> , 2008 , 52, 541-53	4.4	28
23	Differential anesthetic activity of ketamine and the GABAergic neurosteroid allopregnanolone in mice lacking progesterone receptor A and B subtypes. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2007 , 29, 659-64		8
22	Hippocampal neurodegeneration, spontaneous seizures, and mossy fiber sprouting in the F344 rat model of temporal lobe epilepsy. <i>Journal of Neuroscience Research</i> , 2006 , 83, 1088-105	4.4	111
21	Physiological role of adrenal deoxycorticosterone-derived neuroactive steroids in stress-sensitive conditions. <i>Neuroscience</i> , 2006 , 138, 911-20	3.9	48
20	Anxiolytic activity of progesterone in progesterone receptor knockout mice. <i>Neuropharmacology</i> , 2005 , 48, 14-24	5.5	122

19	Anesthetic effects of progesterone are undiminished in progesterone receptor knockout mice. <i>Brain Research</i> , 2005 , 1033, 96-101	3.7	23
18	Anticonvulsant activity of progesterone and neurosteroids in progesterone receptor knockout mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 310, 230-9	4.7	137
17	Role of neurosteroids in catamenial epilepsy. <i>Epilepsy Research</i> , 2004 , 62, 99-118	3	108
16	Testosterone modulation of seizure susceptibility is mediated by neurosteroids 3alpha-androstanediol and 17beta-estradiol. <i>Neuroscience</i> , 2004 , 129, 195-207	3.9	108
15	Anticonvulsant activity of the testosterone-derived neurosteroid 3alpha-androstanediol. <i>NeuroReport</i> , 2004 , 15, 515-8	1.7	59
14	Ganaxolone: A prospective overview. <i>Drugs of the Future</i> , 2004 , 29, 227	2.3	43
13	Is there a physiological role for the neurosteroid THDOC in stress-sensitive conditions?. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 103-6	13.2	101
12	Neurosteroid withdrawal model of perimenstrual catamenial epilepsy. <i>Epilepsia</i> , 2001 , 42, 328-36	6.4	115
11	Enhanced anticonvulsant activity of neuroactive steroids in a rat model of catamenial epilepsy. <i>Epilepsia</i> , 2001 , 42, 337-44	6.4	92
10	Development of neurosteroid-based novel psychotropic drugs. <i>Progress in Medicinal Chemistry</i> , 2000 , 37, 135-75	7.3	37
9	Sex and estrous cycle-dependent changes in neurosteroid and benzodiazepine effects on food consumption and plus-maze learning behaviors in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999 , 62, 53-60	3.9	82
8	Inhibition of neuronal nitric oxide synthase (n-cNOS) reverses the corticotrophin-induced behavioral effects in rats. <i>Molecular and Cellular Biochemistry</i> , 1998 , 183, 25-38	4.2	7
7	The effects of neurosteroids on acquisition and retention of a modified passive-avoidance learning task in mice. <i>Brain Research</i> , 1998 , 791, 108-16	3.7	80
6	Possible role of nitric oxide in the nootropic and anti-amnesic effects of neurosteroids on aging- and dizocilpine-induced learning impairment. <i>Brain Research</i> , 1998 , 799, 215-29	3.7	171
5	The role of GABA-A and mitochondrial diazepam-binding inhibitor receptors on the effects of neurosteroids on food intake in mice. <i>Psychopharmacology</i> , 1998 , 137, 391-400	4.7	73
4	Sigma (sigma1) receptor mediated anti-depressant-like effects of neurosteroids in the Porsolt forced swim test. <i>NeuroReport</i> , 1998 , 9, 3069-73	1.7	129
3	Differential anxiolytic effects of neurosteroids in the mirrored chamber behavior test in mice. <i>Brain Research</i> , 1997 , 752, 61-71	3.7	141
2	Role of GABA-A and mitochondrial diazepam binding inhibitor receptors in the anti-stress activity of neurosteroids in mice. <i>Psychopharmacology</i> , 1996 , 128, 280-92	4.7	71

- 1 Role of cardiac renin-angiotensin system in the development of pressure-overload left ventricular hypertrophy in rats with abdominal aortic constriction. *Molecular and Cellular Biochemistry*, **1996**, 155, 1-11 4.2 34