

Chidambaram Saravana Babu

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/8309470/chidambaram-saravana-babu-publications-by-citations.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.

70
papers

884
citations

16
h-index

26
g-index

79
ext. papers

1,279
ext. citations

4.2
avg, IF

4.29
L-index

#	Paper	IF	Citations
70	Dendritic spines: Revisiting the physiological role. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 92, 161-193	5.5	76
69	Benefits of curcumin in brain disorders. <i>BioFactors</i> , 2019 , 45, 666-689	6.1	64
68	Total oligomeric flavonoids of <i>Cyperus rotundus</i> ameliorates neurological deficits, excitotoxicity and behavioral alterations induced by cerebral ischemic-reperfusion injury in rats. <i>Brain Research Bulletin</i> , 2011 , 84, 394-405	3.9	59
67	Telmisartan attenuates MPTP induced dopaminergic degeneration and motor dysfunction through regulation of β synuclein and neurotrophic factors (BDNF and GDNF) expression in C57BL/6J mice. <i>Neuropharmacology</i> , 2013 , 73, 98-110	5.5	43
66	Post-ischemic administration of nimodipine following focal cerebral ischemic-reperfusion injury in rats alleviated excitotoxicity, neurobehavioural alterations and partially the bioenergetics. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 93-105	2.7	43
65	Evaluation of behavioural and antioxidant activity of <i>Cytisus scoparius</i> Link in rats exposed to chronic unpredictable mild stress. <i>BMC Complementary and Alternative Medicine</i> , 2008 , 8, 15	4.7	43
64	Effects of rolipram and roflumilast, phosphodiesterase-4 inhibitors, on hypertension-induced defects in memory function in rats. <i>European Journal of Pharmacology</i> , 2015 , 746, 138-47	5.3	35
63	Pre-ischemic treatment with memantine reversed the neurochemical and behavioural parameters but not energy metabolites in middle cerebral artery occluded rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 424-32	3.9	34
62	Protective Effects of Antioxidants in Huntington's Disease: an Extensive Review. <i>Neurotoxicity Research</i> , 2019 , 35, 739-774	4.3	34
61	Naringenin Decreases β synuclein Expression and Neuroinflammation in MPTP-Induced Parkinson's Disease Model in Mice. <i>Neurotoxicity Research</i> , 2018 , 33, 656-670	4.3	33
60	Sleep Deprivation and Neurological Disorders. <i>BioMed Research International</i> , 2020 , 2020, 5764017	3	26
59	Demethoxycurcumin, a Natural Derivative of Curcumin Abrogates Rotenone-induced Dopamine Depletion and Motor Deficits by Its Antioxidative and Anti-inflammatory Properties in Parkinsonian Rats. <i>Pharmacognosy Magazine</i> , 2018 , 14, 9-16	0.8	23
58	Phosphodiesterase-4 inhibitors ameliorates cognitive deficits in deoxycorticosterone acetate induced hypertensive rats via cAMP/CREB signaling system. <i>Brain Research</i> , 2015 , 1622, 279-91	3.7	22
57	<i>Cuminum cyminum</i> , a dietary spice, attenuates hypertension via endothelial nitric oxide synthase and NO pathway in renovascular hypertensive rats. <i>Clinical and Experimental Hypertension</i> , 2013 , 35, 534-42	2.2	18
56	Phosphodiesterase-4 enzyme as a therapeutic target in neurological disorders. <i>Pharmacological Research</i> , 2020 , 160, 105078	10.2	18
55	Does COVID-19 contribute to development of neurological disease?. <i>Immunity, Inflammation and Disease</i> , 2021 , 9, 48-58	2.4	17
54	Memantine exerts functional recovery by improving BDNF and GDNF expression in 3-nitropropionic acid intoxicated mice. <i>Neuroscience Letters</i> , 2015 , 586, 1-7	3.3	16

53	Development and Validation of an HPTLC Method for Simultaneous Estimation of Excitatory Neurotransmitters in Rat Brain. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007 , 30, 2891-2902	1.3	16
52	Amelioration of Aluminum Maltolate-Induced Inflammation and Endoplasmic Reticulum Stress-Mediated Apoptosis by Tannoid Principles of <i>Emblica officinalis</i> in Neuronal Cellular Model. <i>Neurotoxicity Research</i> , 2019 , 35, 318-330	4.3	16
51	Asiatic acid nullified aluminium toxicity in in vitro model of Alzheimer's disease. <i>Frontiers in Bioscience - Elite</i> , 2018 , 10, 287-299	1.6	15
50	Telmisartan Ameliorates Astroglial and Dopaminergic Functions in a Mouse Model of Chronic Parkinsonism. <i>Neurotoxicity Research</i> , 2018 , 34, 597-612	4.3	13
49	Alteration in bioenergetic regulators, SirT1 and Parp1 expression precedes oxidative stress in rats subjected to transient cerebral focal ischemia: molecular and histopathologic evidences. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 2753-2766	2.8	12
48	Neuroinflammation Mechanisms and Phytotherapeutic Intervention: A Systematic Review. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 3707-3731	5.7	11
47	Simultaneous blockade of NMDA receptors and PARP-1 activity synergistically alleviate immunoexcitotoxicity and bioenergetics in 3-nitropropionic acid intoxicated mice: Evidences from memantine and 3-aminobenzamide interventions. <i>European Journal of Pharmacology</i> , 2017 , 803, 148-158	5.3	10
46	A systems biology approach towards the identification of candidate therapeutic genes and potential biomarkers for Parkinson's disease. <i>PLoS ONE</i> , 2019 , 14, e0220995	3.7	10
45	Effects of Sleep Deprivation on the Tryptophan Metabolism. <i>International Journal of Tryptophan Research</i> , 2020 , 13, 1178646920970902	5.6	10
44	Preclinical animal studies in ischemic stroke: Challenges and some solutions. <i>Animal Models and Experimental Medicine</i> , 2021 , 4, 104-115	4.2	10
43	Acute toxicity and the 28-day repeated dose study of a Siddha medicine Nuna Kadugu in rats. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 190	4.7	8
42	Autism and Gut-Brain Axis: Role of Probiotics. <i>Advances in Neurobiology</i> , 2020 , 24, 587-600	2.1	8
41	Cocoa beans improve mitochondrial biogenesis via PPAR γ /PGC1 α dependent signalling pathway in MPP intoxicated human neuroblastoma cells (SH-SY5Y). <i>Nutritional Neuroscience</i> , 2020 , 23, 471-480	3.6	8
40	Gut dysbiosis, defective autophagy and altered immune responses in neurodegenerative diseases: Tales of a vicious cycle. <i>Pharmacology & Therapeutics</i> , 2021 , 107988	13.9	8
39	Efficacy of Dipeptide-Coated Magnetic Nanoparticles in Lung Cancer Models Under Pulsed Electromagnetic Field. <i>Cancer Investigation</i> , 2017 , 35, 431-442	2.1	7
38	Gene Pair Correlation Coefficients in Sphingolipid Metabolic Pathway as a Potential Prognostic Biomarker for Breast Cancer. <i>Cancers</i> , 2020 , 12,	6.6	7
37	Venthamarai chooranam, a polyherbal Siddha medicine, alleviates hypertension via AT β and eNOS signaling pathway in 2K1C hypertensive rats. <i>Experimental Biology and Medicine</i> , 2014 , 239, 758-69	3.7	7
36	A Simple Densitometric Method for the Quantification of Inhibitory Neurotransmitter Gamma-Aminobutyric Acid (GABA) in Rat Brain Tissue. <i>Chromatography Research International</i> , 2011 , 2011, 1-5		7

35	Molecular Mechanism of Regulation of MTA1 Expression by Granulocyte Colony-stimulating Factor. <i>Journal of Biological Chemistry</i> , 2016 , 291, 12310-21	5.4	7
34	Mechanistic Insights into the Link between Gut Dysbiosis and Major Depression: An Extensive Review.. <i>Cells</i> , 2022 , 11,	7.9	7
33	Sleep, brain vascular health and ageing. <i>GeroScience</i> , 2020 , 42, 1257-1283	8.9	6
32	Enhancing anti-cancer activity of erlotinib by antibody conjugated nanofibrin - In vitro studies on lung adenocarcinoma cell lines. <i>Materials Chemistry and Physics</i> , 2019 , 224, 328-333	4.4	6
31	The Influence of Gut Dysbiosis in the Pathogenesis and Management of Ischemic Stroke.. <i>Cells</i> , 2022 , 11,	7.9	6
30	Prenatal exposure to lamotrigine: effects on postnatal development and behaviour in rat offspring. <i>ISRN Neuroscience</i> , 2014 , 2014, 163459		5
29	Polyphenols in madhumeega chooranam, a Siddha medicine, ameliorates carbohydrate metabolism and oxidative stress in type II diabetic rats. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 331-6	5	5
28	Therapeutic benefits of flavonoids against neuroinflammation: a systematic review.. <i>Inflammopharmacology</i> , 2022 , 30, 111	5.1	4
27	Mitochondria-Endoplasmic Reticulum Crosstalk in Parkinson's Disease: The Role of Brain Renin Angiotensin System Components. <i>Biomolecules</i> , 2021 , 11,	5.9	4
26	Cardioprotective potential of polyphenols rich Thraatchathi Chooranam against isoproterenol induced myocardial necrosis in experimental rats. <i>BMC Complementary Medicine and Therapies</i> , 2020 , 20, 356	2.9	4
25	Roflumilast, a cAMP-Specific Phosphodiesterase-4 Inhibitor, Reduces Oxidative Stress and Improves Synapse Functions in Human Cortical Neurons Exposed to the Excitotoxin Quinolinic Acid. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 4405-4415	5.7	4
24	Nanodelivery Systems Targeting Epidermal Growth Factor Receptors for Glioma Management. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3
23	Mitochondria-targeted drug delivery in neurodegenerative diseases 2020 , 97-117		3
22	Protein Nutrition in Autism. <i>Advances in Neurobiology</i> , 2020 , 24, 573-586	2.1	3
21	"Janus-Faced" Synuclein: Role in Parkinson's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 673395	5.7	3
20	Enhancing Drug Efficacy against Mastitis Pathogens-An In Vitro Pilot Study in and. <i>Animals</i> , 2020 , 10,	3.1	2
19	Papaverine, a Phosphodiesterase 10A Inhibitor, Ameliorates Quinolinic Acid-Induced Synaptotoxicity in Human Cortical Neurons. <i>Neurotoxicity Research</i> , 2021 , 39, 1238-1250	4.3	2
18	Sesame indicum, a nutritional supplement, elicits anti-amnesic effect via cholinergic pathway in scopolamine intoxicated mice. <i>Environmental Toxicology</i> , 2016 , 31, 1955-1963	4.2	2

17	Mitochondrial and Organellar Crosstalk in Parkinson's Disease. <i>ASN Neuro</i> , 2021 , 13, 175909142110283643	5.3	2
16	Thraatchathi Chooranam, protects cardiomyocytes against oxidative stress. <i>Frontiers in Bioscience - Elite</i> , 2018 , 10, 437-448	1.6	1
15	Effects of Telmisartan, an AT1 receptor antagonist, on mitochondria-specific genes expression in a mouse MPTP model of Parkinsonism. <i>Frontiers in Bioscience</i> , 2021 , 26, 262-271		1
14	Fortification methods of coenzyme Q10 in yogurt and its health functionality-a review. <i>Frontiers in Bioscience - Scholar</i> , 2021 , 13, 131-140	2.4	1
13	Social and Biological Parameters Involved in Suicide Ideation During the COVID-19 Pandemic: A Narrative Review.. <i>International Journal of Tryptophan Research</i> , 2020 , 13, 1178646920978243	5.6	1
12	Natural Products and Their Therapeutic Effect on Autism Spectrum Disorder. <i>Advances in Neurobiology</i> , 2020 , 24, 601-614	2.1	1
11	Identifying kinase targets of PPAR α in human breast cancer. <i>Journal of Drug Targeting</i> , 2021 , 29, 660-668	5.4	1
10	Chemical profiling and in-vitro anti-inflammatory activity of bioactive fraction(s) from <i>Trichodesma indicum</i> (L.) R.Br. against LPS induced inflammation in RAW 264.7 murine macrophage cells. <i>Journal of Ethnopharmacology</i> , 2021 , 279, 114235	5	1
9	Alterations in Tryptophan Metabolism Affect Vascular Functions: Connected to Ageing Population Vulnerability to COVID-19 Infection?. <i>International Journal of Tryptophan Research</i> , 2022 , 15, 11786469221108391	5.6	1
8	Acetylsalicylic acid improves cognitive performance in sleep deprived adult Zebrafish () model. <i>Frontiers in Bioscience - Landmark</i> , 2021 , 26, 114-124	2.8	0
7	Functional foods and their impact on health. <i>Journal of Food Science and Technology</i> , 1	3.3	0
6	P3-294: Effect of a Centrally Acting Anti Hypertensive Drug, Clonidine, on Hypertension-Induced Cognitive Impairment in Rats 2016 , 12, P953-P954		
5	P1-426: BENEFICIAL EFFECTS OF PHOSPHODIESTERASE 4 INHIBITORS ON HYPERTENSION-INDUCED DEFECTS IN MEMORY FUNCTION IN RATS 2014 , 10, P469-P470		
4	P1-317: Phosphodiesterase-4 inhibitors alleviate hypertension-induced cognitive impairment via camp/creb signaling that regulates BDNF expression downstream in rat hippocampus 2015 , 11, P478-P478		
3	Precision health in Alzheimer disease: Risk assessment-based strategies. <i>Precision Medical Sciences</i> , 2021 , 10, 54-70		1
2	Analgesic, anti-inflammatory and acute oral toxicity profile of leaf and bark extracts of <i>Albizia procera</i> .. <i>BMC Complementary Medicine and Therapies</i> , 2022 , 22, 50	2.9	
1	Impact of Sleep Deprivation on Major Neuroinflammatory Signal Transduction Pathways. <i>Sleep and Vigilance</i> ,	1.4	