Souvarish Sarkar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5929101/publications.pdf

Version: 2024-02-01

34 papers	1,613 citations	430874 18 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	2219 citing authors

#	Article	IF	Citations
1	Environmental neurotoxic pesticide exposure induces gut inflammation and enteric neuronal degeneration by impairing enteric glial mitochondrial function in pesticide models of Parkinsonâ€™s disease: Potential relevance to gut-brain axis inflammation in Parkinsonâ€™s disease pathogenesis. International Journal of Biochemistry and Cell Biology, 2022, 147, 106225.	2.8	11
2	A multiplex model in a Drosophila identifies novel geneâ€environment interactions: A step towards personalized medicine. FASEB Journal, 2022, 36, .	0.5	0
3	Î±-synuclein impairs autophagosome maturation through abnormal actin stabilization. PLoS Genetics, 2021, 17, e1009359.	3.5	49
4	Mechanism of Gene-Environment Interactions Driving Glial Activation in Parkinsonâ€™s Diseases. Current Environmental Health Reports, 2021, 8, 203-211.	6.7	4
5	Oligomerization of Lrrk controls actin severing and Î±-synuclein neurotoxicity in vivo. Molecular Neurodegeneration, 2021, 16, 33.	10.8	6
6	Precision Medicine on the Fly: Using Drosophila to Decipher Gene-Environment Interactions in Parkinsonâ€™s Disease. Toxicological Sciences, 2021, 182, 159-167.	3.1	8
7	Chronic Manganese Exposure and the Enteric Nervous System: An in Vitro and Mouse in Vivo Study. Environmental Health Perspectives, 2021, 129, 87005.	6.0	12
8	Comparative proteomic analysis highlights metabolic dysfunction in Î±-synucleinopathy. Npj Parkinson's Disease, 2020, 6, 40.	5.3	16
9	Molecular Signatures of Neuroinflammation Induced by Î±Synuclein Aggregates in Microglial Cells. Frontiers in Immunology, 2020, 11, 33.	4.8	50
10	Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinsonâ€™s disease. Journal of Clinical Investigation, 2020, 130, 4195-4212.	8.2	50
11	Multiplex analysis in a Drosophila geneâ€environment model identifies interactions among LRRK2, rotenone and Î±â€synuclein. FASEB Journal, 2020, 34, 1-1.	0.5	0
12	Molecular signatures of neuroinflammation induced by Î±â€synuclein aggregates in microglial cells. FASEB Journal, 2020, 34, 1-1.	0.5	0
13	MitoPark transgenic mouse model recapitulates the gastrointestinal dysfunction and gut-microbiome changes of Parkinsonâ€™s disease. NeuroToxicology, 2019, 75, 186-199.	3.0	29
14	The role of manganese in neuroinflammation. Advances in Neurotoxicology, 2019, 3, 121-131.	1.9	3
15	Fyn kinase regulates misfolded Î±-synuclein uptake and NLRP3 inflammasome activation in microglia. Journal of Experimental Medicine, 2019, 216, 1411-1430.	8.5	169
16	Manganese promotes the aggregation and prion-like cell-to-cell exosomal transmission of Î±-synuclein. Science Signaling, 2019, 12, .	3.6	129
17	Manganese activates NLRP3 inflammasome signaling and propagates exosomal release of ASC in microglial cells. Science Signaling, 2019, 12, .	3.6	103
18	Development of geneâ€environment interaction model in Drosophila for neurodegenerative disease: A step towards personalized medicine. FASEB Journal, 2019, 33, 813.14.	0.5	0

#	Article	IF	Citations
19	Calciumâ€activated K + channel K Ca 3.1 Plays a Proâ€inflammatory Role in Î±â€Synuclein Models of Parkinson's Disease. FASEB Journal, 2019, 33, 500.20.	0.5	0
20	Manganese exposure induces neuroinflammation by impairing mitochondrial dynamics in astrocytes. NeuroToxicology, 2018, 64, 204-218.	3.0	106
21	Role of the Fyn-PKCÎ´ signaling in SE-induced neuroinflammation and epileptogenesis in experimental models of temporal lobe epilepsy. Neurobiology of Disease, 2018, 110, 102-121.	4.4	50
22	Prokineticinâ€2 promotes chemotaxis and alternative A2 reactivity of astrocytes. Glia, 2018, 66, 2137-2157.	4.9	92
23	Organophosphate pesticide chlorpyrifos impairs STAT1 signaling to induce dopaminergic neurotoxicity: Implications for mitochondria mediated oxidative stress signaling events. Neurobiology of Disease, 2018, 117, 82-113.	4.4	83
24	Characterization and comparative analysis of a new mouse microglial cell model for studying neuroinflammatory mechanisms during neurotoxic insults. NeuroToxicology, 2018, 67, 129-140.	3.0	25
25	The Fynâ€dependent voltageâ€gated potassium channel Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinson's disease models. FASEB Journal, 2018, 32, 553.1.	0.5	1
26	Manganese Exposure Activates NLRP3 Inflammasome Signaling and Propagates Exosomal Release of ASC in Microglial Cells. FASEB Journal, 2018, 32, 823.8.	0.5	0
27	Mito-Apocynin Prevents Mitochondrial Dysfunction, Microglial Activation, Oxidative Damage, and Progressive Neurodegeneration in MitoPark Transgenic Mice. Antioxidants and Redox Signaling, 2017, 27, 1048-1066.	5.4	107
28	Involvement of c-Abl Kinase in Microglial Activation of NLRP3 Inflammasome and Impairment in Autolysosomal System. Journal of NeuroImmune Pharmacology, 2017, 12, 624-660.	4.1	65
29	Mitochondrial impairment in microglia amplifies NLRP3 inflammasome proinflammatory signaling in cell culture and animal models of Parkinsonâ€™s disease. Npj Parkinson's Disease, 2017, 3, 30.	5.3	189
30	Rapid and Refined CD11b Magnetic Isolation of Primary Microglia with Enhanced Purity and Versatility. Journal of Visualized Experiments, 2017, , .	0.3	19
31	Cobinamide is effective for treatment of hydrogen sulfideâ€“induced neurological sequelae in a mouse model. Annals of the New York Academy of Sciences, 2017, 1408, 61-78.	3.8	19
32	Protein kinase Cδ upregulation in microglia drives neuroinflammatory responses and dopaminergic neurodegeneration in experimental models of Parkinson's disease. Neurobiology of Disease, 2016, 93, 96-114.	4.4	82
33	Fyn Kinase Regulates Microglial Neuroinflammatory Responses in Cell Culture and Animal Models of Parkinson's Disease. Journal of Neuroscience, 2015, 35, 10058-10077.	3.6	136
34	Pesticideâ€induced Mitochondrial Dysfunction Augments NLRP3 Inflammasome Signaling Pathway in Primary Microglia. FASEB Journal, 2015, 29, 777.5.	0.5	0