

Muhammet Ay

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

460
citations

1039406

9
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms underlying protective effects of quercetin against mitochondrial dysfunction and progressive dopaminergic neurodegeneration in cell culture and MitoPark transgenic mouse models of Parkinson's Disease. <i>Journal of Neurochemistry</i> , 2017, 141, 766-782.	2.1	134
2	Mito-Apocynin Prevents Mitochondrial Dysfunction, Microglial Activation, Oxidative Damage, and Progressive Neurodegeneration in MitoPark Transgenic Mice. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1048-1066.	2.5	107
3	Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinson's disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 4195-4212.	3.9	50
4	Manganese exposure exacerbates progressive motor deficits and neurodegeneration in the MitoPark mouse model of Parkinson's disease: Relevance to gene and environment interactions in metal neurotoxicity. <i>NeuroToxicology</i> , 2018, 64, 240-255.	1.4	38
5	MitoPark transgenic mouse model recapitulates the gastrointestinal dysfunction and gut-microbiome changes of Parkinson's disease. <i>NeuroToxicology</i> , 2019, 75, 186-199.	1.4	29
6	Molecular cloning, epigenetic regulation, and functional characterization of <i>Prkd1</i> gene promoter in dopaminergic cell culture models of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2015, 135, 402-415.	2.1	24
7	Protein Kinase D1 (PKD1) Phosphorylation Promotes Dopaminergic Neuronal Survival during 6-OHDA-Induced Oxidative Stress. <i>PLoS ONE</i> , 2014, 9, e96947.	1.1	22
8	Quercetin. , 2016, , 447-452.		20
9	Neurotoxicity of Vanadium. <i>Advances in Neurobiology</i> , 2017, 18, 287-301.	1.3	13
10	Characterization of nonmotor behavioral impairments and their neurochemical mechanisms in the MitoPark mouse model of progressive neurodegeneration in Parkinson's disease. <i>Experimental Neurology</i> , 2021, 341, 113716.	2.0	11
11	Quercetin. , 2021, , 749-755.		7
12	Vanillic acid induces mitochondrial biogenesis in SH-SY5Y cells. <i>Molecular Biology Reports</i> , 2022, 49, 4443-4449.	1.0	5