Tatiana R. Rosenstock

List of Publications by Year
in descending order

39 papers	1,471 citations	304368 22 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	2487 citing authors

#	Article	IF	Citations
1	Analysis of Mitochondrial Dysfunction by Microplate Reader in hiPSC-Derived Neuronal Cell Models of Neurodegenerative Disorders. Methods in Molecular Biology, 2022, , 1-21.	0.4	2
2	Redox profiles of amyotrophic lateral sclerosis lymphoblasts with or without known SOD1 mutations. European Journal of Clinical Investigation, 2022, 52, e13798.	1.7	3
3	Oxygen Consumption Evaluation: An Important Indicator of Metabolic State, , and Cell Fate Along. Methods in Molecular Biology, 2021, 2240, 207-230.	0.4	2
4	Neonatal Rotenone Administration Induces Psychiatric Disorder-Like Behavior and Changes in Mitochondrial Biogenesis and Synaptic Proteins in Adulthood. Molecular Neurobiology, 2021, 58, 3015-3030.	1.9	5
5	Mitochondrial SIRT3 confers neuroprotection in Huntington's disease by regulation of oxidative challenges and mitochondrial dynamics. Free Radical Biology and Medicine, 2021, 163, 163-179.	1.3	42
6	Increased acute blood flow induced by the aqueous extract of Euterpe oleracea Mart. fruit pulp in rats in vivo is not related to the direct activation of endothelial cells. Journal of Ethnopharmacology, 2021, 271, 113885.	2.0	3
7	Haloperidol rescues the schizophrenia-like phenotype in adulthood after rotenone administration in neonatal rats. Psychopharmacology, 2021, 238, 2569-2585.	1.5	3
8	New Avenues for the Treatment of Huntingtonâ€™s Disease. International Journal of Molecular Sciences, 2021, 22, 8363.	1.8	55
9	Autophagy Dysfunction as a Phenotypic Readout in hiPSC-Derived Neuronal Cell Models of Neurodegenerative Diseases. Methods in Molecular Biology, 2021, , 103-136.	0.4	4
10	Human Induced Pluripotent Stem Cell Models of Neurodegenerative Disorders for Studying the Biomedical Implications of Autophagy. Journal of Molecular Biology, 2020, 432, 2754-2798.	2.0	15
11	Mitochondrial Dysfunction, Neurogenesis, and Epigenetics: Putative Implications for Amyotrophic Lateral Sclerosis Neurodegeneration and Treatment. Frontiers in Neuroscience, 2020, 14, 679.	1.4	38
12	Decreased Mitochondrial Function, Biogenesis, and Degradation in Peripheral Blood Mononuclear Cells from Amyotrophic Lateral Sclerosis Patients as a Potential Tool for Biomarker Research. Molecular Neurobiology, 2020, 57, 5084-5102.	1.9	20
13	S179. ADMINISTRATION OF ROTENONE DURING NEONATAL PERIOD INDUCES SCHIZOPHRENIA-LIKE BEHAVIOR. Schizophrenia Bulletin, 2020, 46, S106-S106.	2.3	0
14	Chemical Screening Approaches Enabling Drug Discovery of Autophagy Modulators for Biomedical Applications in Human Diseases. Frontiers in Cell and Developmental Biology, 2019, 7, 38.	1.8	37
15	Mitochondrial Dysfunction and Changes in High-Energy Compounds in Different Cellular Models Associated to Hypoxia: Implication to Schizophrenia. Scientific Reports, 2019, 9, 18049.	1.6	18
16	Metabolic Alteration and Amyotrophic Lateral Sclerosis Outcome: A Systematic Review. Frontiers in Neurology, 2019, 10, 1205.	1.1	17
17	In Vitro Screening Platforms for Identifying Autophagy Modulators in Mammalian Cells. Methods in Molecular Biology, 2019, 1880, 389-428.	0.4	14
18	Histone Deacetylase Inhibitors Protect Against Pyruvate Dehydrogenase Dysfunction in Huntington's Disease. Journal of Neuroscience, 2017, 37, 2776-2794.	1.7	50

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19	Selfish brain and selfish immune system interplay: A theoretical framework for metabolic comorbidities of mood disorders. Neuroscience and Biobehavioral Reviews, 2017, 72, 43-49.	2.9	25
20	Comparative Mitochondrial-Based Protective Effects of Resveratrol and Nicotinamide in Huntingtonâ€™s Disease Models. Molecular Neurobiology, 2017, 54, 5385-5399.	1.9	105
21	Dysregulation of autophagy as a common mechanism in lysosomal storage diseases. Essays in Biochemistry, 2017, 61, 733-749.	2.1	138
22	Gene Expression Control by Glucocorticoid Receptors during Innate Immune Responses. Frontiers in Endocrinology, 2016, 7, 31.	1.5	81
23	CD36 is expressed in a defined subpopulation of neurons in the olfactory epithelium. Scientific Reports, 2016, 6, 25507.	1.6	34
24	Insulin and IGF-1 regularize energy metabolites in neural cells expressing full-length mutant huntingtin. Neuropeptides, 2016, 58, 73-81.	0.9	28
25	Activation of IGF-1 and Insulin Signaling Pathways Ameliorate Mitochondrial Function and Energy Metabolism in Huntingtonâ€™s Disease Human Lymphoblasts. Molecular Neurobiology, 2015, 51, 331-348.	1.9	66
26	Deficits of pyruvate dehydrogenase and mitochondrial dysfunction in Huntington's disease â€” role of histone deacetylase inhibitors. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, e67.	0.5	0
27	Insulin and IGF-1 improve mitochondrial function in a PI-3K/Akt-dependent manner and reduce mitochondrial generation of reactive oxygen species in Huntingtonâ€™s disease knock-in striatal cells. Free Radical Biology and Medicine, 2014, 74, 129-144.	1.3	116
28	Current Therapeutic Advances in Patients and Experimental Models of Huntington's Disease. Current Drug Targets, 2014, 15, 313-334.	1.0	8
29	Glutathione redox cycle dysregulation in Huntingtonâ€™s disease knock-in striatal cells. Free Radical Biology and Medicine, 2012, 53, 1857-1867.	1.3	60
30	FK506 ameliorates cell death features in Huntingtonâ€™s disease striatal cell models. Neurochemistry International, 2011, 59, 600-609.	1.9	29
31	Glutamateâ€induced alterations in Ca²⁺ signaling are modulated by mitochondrial Ca²⁺ handling capacity in brain slices of R6/1 transgenic mice. European Journal of Neuroscience, 2010, 32, 60-70.	1.2	30
32	Mitochondrial-Associated Metabolic Changes and Neurodegeneration in Huntingtons Disease - from Clinical Features to the Bench. Current Drug Targets, 2010, 11, 1218-1236.	1.0	50
33	Calcium and cell death signaling in neurodegeneration and aging. Anais Da Academia Brasileira De Ciencias, 2009, 81, 467-475.	0.3	65
34	Old mice present increased levels of succinate dehydrogenase activity and lower vulnerability to dyskinetic effects of 3-nitropropionic acid. Pharmacology Biochemistry and Behavior, 2009, 91, 327-332.	1.3	14
35	Increase in bax expression and apoptosis are associated in Huntington's disease progression. Neuroscience Letters, 2008, 438, 59-63.	1.0	25
36	Chapter Two Evaluation of Some Cell Death Features by Real Time Real Space Microscopy. Methods in Enzymology, 2008, 442, 27-50.	0.4	5

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37	Bax affects intracellular Ca2+ stores and induces Ca2+ wave propagation. Cell Death and Differentiation, 2004, 11, 1265-1276.	5.0	42
38	Mitochondrial calcium, oxidative stress and apoptosis in a neurodegenerative disease model induced by 3-nitropropionic acid. Journal of Neurochemistry, 2004, 88, 1220-1228.	2.1	99
39	Mitochondria, calcium and pro-apoptotic proteins as mediators in cell death signaling. Brazilian Journal of Medical and Biological Research, 2003, 36, 183-190.	0.7	119