Roberto Di Maio

List of Publications by Year
in descending order

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29 papers	1,845 citations	430874 18 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	3245 citing authors

#	Article	IF	Citations
1	LRRK2 and idiopathic Parkinsonâ€™s disease. Trends in Neurosciences, 2022, 45, 224-236.	8.6	53
2	NADPH oxidase 2 activity in Parkinson's disease. Neurobiology of Disease, 2022, 170, 105754.	4.4	18
3	Measurement of LRRK2 Kinase Activity by Proximity Ligation Assay. Bio-protocol, 2021, 11, e4140.	0.4	6
4	Selective Fatty Acid Amide Hydrolase Inhibitors as Potential Novel Antiepileptic Agents. ACS Chemical Neuroscience, 2021, 12, 1716-1736.	3.5	12
5	LRRK2 inhibition prevents endolysosomal deficits seen in human Parkinson's disease. Neurobiology of Disease, 2020, 134, 104626.	4.4	73
6	Î±-Synuclein amplifies cytoplasmic peroxide flux and oxidative stress provoked by mitochondrial inhibitors in CNS dopaminergic neurons in vivo. Redox Biology, 2020, 37, 101695.	9.0	26
7	Synergistic action of CB1 and 5-HT2B receptors in preventing pilocarpine-induced status epilepticus in rats. Neurobiology of Disease, 2019, 125, 135-145.	4.4	26
8	WIN 55,212-2 Reverted Pilocarpine-Induced Status Epilepticus Early Changes of the Interaction among 5-HT_{2C}/NMDA/CB₁ Receptors in the Rat Hippocampus. ACS Chemical Neuroscience, 2019, 10, 3296-3306.	3.5	15
9	Preferential modulation of the lateral habenula activity by serotoninâ€2A rather than â€2C receptors: Electrophysiological and neuroanatomical evidence. CNS Neuroscience and Therapeutics, 2018, 24, 721-733.	3.9	19
10	LRRK2 activation in idiopathic Parkinsonâ€™s disease. Science Translational Medicine, 2018, 10, .	12.4	363
11	Generation of three-dimensional human neuronal cultures: application to modeling CNS viral infections. Stem Cell Research and Therapy, 2018, 9, 134.	5.5	36
12	Zn²⁺â€induced Ca²⁺ release via ryanodine receptors triggers calcineurinâ€dependent redistribution of cortical neuronal Kv2.1 K⁺ channels. Journal of Physiology, 2016, 594, 2647-2659.	2.9	16
13	Î±-Synuclein binds to TOM20 and inhibits mitochondrial protein import in Parkinsonâ€™s disease. Science Translational Medicine, 2016, 8, 342ra78.	12.4	432
14	Behavioral, neurochemical, and pathologic alterations in bacterial artificial chromosome transgenic G2019S leucine-rich repeated kinase 2 rats. Neurobiology of Aging, 2015, 36, 505-518.	3.1	42
15	Post-status epilepticus treatment with the cannabinoid agonist WIN 55,212-2 prevents chronic epileptic hippocampal damage in rats. Neurobiology of Disease, 2015, 73, 356-365.	4.4	37
16	Neuronal mechanisms of epileptogenesis. Frontiers in Cellular Neuroscience, 2014, 8, 29.	3.7	13
17	Large-scale generation of human iPSC-derived neural stem cells/early neural progenitor cells and their neuronal differentiation. Organogenesis, 2014, 10, 365-377.	1.2	96
18	Transient muscarinic and glutamatergic stimulation of neural stem cells triggers acute and persistent changes in differentiation. Neurobiology of Disease, 2014, 70, 252-261.	4.4	10

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19	5-HT2 receptors-mediated modulation of voltage-gated K+ channels and neurophysiopathological correlates. Experimental Brain Research, 2013, 230, 453-462.	1.5	12
20	Thiol oxidation and altered NR2B/NMDA receptor functions in in vitro and in vivo pilocarpine models: Implications for epileptogenesis. Neurobiology of Disease, 2013, 49, 87-98.	4.4	43
21	DJ-1 Expression Modulates Astrocyte-Mediated Protection Against Neuronal Oxidative Stress. Journal of Molecular Neuroscience, 2013, 49, 507-511.	2.3	63
22	Human Induced Pluripotent Stem Cell-Derived Models to Investigate Human Cytomegalovirus Infection in Neural Cells. PLoS ONE, 2012, 7, e49700.	2.5	69
23	Redox Sensitivity of Tyrosine Hydroxylase Activity and Expression in Dopaminergic Dysfunction. CNS and Neurological Disorders - Drug Targets, 2012, 11, 419-429.	1.4	19
24	Single-Cell Redox Imaging Demonstrates a Distinctive Response of Dopaminergic Neurons to Oxidative Insults. Antioxidants and Redox Signaling, 2011, 15, 855-871.	5.4	70
25	Mouse ES cells overexpressing DNMT1 produce abnormal neurons with upregulated NMDA/NR1 subunit. Differentiation, 2011, 82, 9-17.	1.9	19
26	Pilocapine alters NMDA receptor expression and function in hippocampal neurons: NADPH oxidase and ERK1/2 mechanisms. Neurobiology of Disease, 2011, 42, 482-495.	4.4	82
27	Nongenomic glucocorticoid receptor action regulates gap junction intercellular communication and neural progenitor cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16657-16662.	7.1	102
28	Cyclopentenone prostaglandin-induced unfolding and aggregation of the Parkinson disease-associated UCH-L1. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6835-6840.	7.1	70
29	CCKâ€“nitric oxide interaction in rat cortex, striatum and pallidum. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2003, 135, 425-433.	2.6	1