Valentina Di Liberto

List of Publications by Year
in descending order

34 papers	1,241 citations	361296 20 h-index	360920 35 g-index
37 all docs	37 docs citations	37 times ranked	2161 citing authors

#	Article	IF	Citations
1	Transgenic expression and activation of PGC-1Î± protect dopaminergic neurons in the MPTP mouse model of Parkinsonâ€™s disease. Cellular and Molecular Life Sciences, 2012, 69, 1153-1165.	2.4	260
2	The FGF-2/FGFRs neurotrophic system promotes neurogenesis in the adult brain. Journal of Neural Transmission, 2009, 116, 995-1005.	1.4	133
3	Fibroblast Growth Factor Receptor 1â€“ 5-Hydroxytryptamine 1A Heteroreceptor Complexes and Their Enhancement of Hippocampal Plasticity. Biological Psychiatry, 2012, 71, 84-91.	0.7	118
4	Current disease modifying approaches to treat Parkinsonâ€™s disease. Cellular and Molecular Life Sciences, 2016, 73, 1365-1379.	2.4	88
5	Activation of mGlu3 Receptors Stimulates the Production of GDNF in Striatal Neurons. PLoS ONE, 2009, 4, e6591.	1.1	48
6	The Guanine-Based Purinergic System: The Tale of An Orphan Neuromodulation. Frontiers in Pharmacology, 2016, 7, 158.	1.6	45
7	Existence of muscarinic acetylcholine receptor (mAChR) and fibroblast growth factor receptor (FGFR) heteroreceptor complexes and their enhancement of neurite outgrowth in neural hippocampal cultures. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 235-245.	1.1	38
8	Group II metabotropic glutamate receptor activation by agonist LY379268 treatment increases the expression of brain derived neurotrophic factor in the mouse brain. Neuroscience, 2010, 165, 863-873.	1.1	37
9	Toward evidenceâ€based severity assessment in rat models with repeated seizures: I. Electrical kindling. Epilepsia, 2018, 59, 765-777.	2.6	37
10	Anxiolytic effects of muscarinic acetylcholine receptors agonist oxotremorine in chronically stressed rats and related changes in BDNF and FGF2 levels in the hippocampus and prefrontal cortex. Psychopharmacology, 2017, 234, 559-573.	1.5	34
11	Involvement of estrogen receptors in the resveratrol-mediated increase in dopamine transporter in human dopaminergic neurons and in striatum of female mice. Neuropharmacology, 2012, 62, 1011-1018.	2.0	29
12	Syntaxin13 Expression Is Regulated by Mammalian Target of Rapamycin (mTOR) in Injured Neurons to Promote Axon Regeneration. Journal of Biological Chemistry, 2014, 289, 15820-15832.	1.6	27
13	Nicotine-induced fibroblast growth factor-2 restores the age-related decline of precursor cell proliferation in the subventricular zone of rat brain. Brain Research, 2008, 1193, 12-24.	1.1	26
14	mGluR2/3 agonist LY379268, by enhancing the production of GDNF, induces a time-related phosphorylation of RET receptor and intracellular signaling Erk1/2 in mouse striatum. Neuropharmacology, 2011, 61, 638-645.	2.0	23
15	Peroxisome proliferatorâ€activated receptorâ€Î³ coactivatorâ€1Î± mediates neuroprotection against excitotoxic brain injury in transgenic mice: role of mitochondria and Xâ€linked inhibitor of apoptosis protein. European Journal of Neuroscience, 2016, 43, 626-639.	1.2	23
16	Imaging correlates of behavioral impairments: An experimental PET study in the rat pilocarpine epilepsy model. Neurobiology of Disease, 2018, 118, 9-21.	2.1	23
17	Toward evidenceâ€based severity assessment in rat models with repeated seizures: III. Electrical postâ€status epilepticus model. Epilepsia, 2019, 60, 1539-1551.	2.6	23
18	New Neuroprotective Effect of Lemon IntegroPectin on Neuronal Cellular Model. Antioxidants, 2021, 10, 669.	2.2	22

#	Article	IF	Citations
19	FGF-2/FGFR1 neurotrophic system expression level and its basal activation do not account for the age-dependent decline of precursor cell proliferation in the subventricular zone of rat brain. Brain Research, 2010, 1358, 39-45.	1.1	21
20	Connexin36 (Cx36) expression and protein detection in the mouse carotid body and myenteric plexus. Acta Histochemica, 2013, 115, 252-256.	0.9	21
21	Toward evidenceâ€based severity assessment in rat models with repeated seizures: II. Chemical postâ€“status epilepticus model. Epilepsia, 2019, 60, 2114-2127.	2.6	18
22	Design of composite measure schemes for comparative severity assessment in animal-based neuroscience research: A case study focussed on rat epilepsy models. PLoS ONE, 2020, 15, e0230141.	1.1	16
23	Reduction in mdx mouse muscle degeneration by low-intensity endurance exercise: a proteomic analysis in quadriceps muscle of exercised compared with sedentary mdx mice. Bioscience Reports, 2015, 35, .	1.1	15
24	Imaging biomarkers of behavioral impairments: A pilot microâ€“positron emission tomographic study in a rat electrical postâ€“status epilepticus model. Epilepsia, 2018, 59, 2194-2205.	2.6	13
25	Guanosine-Mediated Anxiolytic-Like Effect: Interplay with Adenosine A1 and A2A Receptors. International Journal of Molecular Sciences, 2020, 21, 9281.	1.8	13
26	Mild Aerobic Exercise Training Hardly Affects the Diaphragm of mdx Mice. Journal of Cellular Physiology, 2017, 232, 2044-2052.	2.0	12
27	Serotonin Heteroreceptor Complexes and Their Integration of Signals in Neurons and Astrogliaâ€”Relevance for Mental Diseases. Cells, 2021, 10, 1902.	1.8	12
28	Beneficial Role of Exercise in the Modulation of mdx Muscle Plastic Remodeling and Oxidative Stress. Antioxidants, 2021, 10, 558.	2.2	10
29	Protective, Antioxidant and Antiproliferative Activity of Grapefruit IntegroPectin on SH-SY5Y Cells. International Journal of Molecular Sciences, 2021, 22, 9368.	1.8	10
30	Time-course of GDNF and its receptor expression after brain injury in the rat. Neuroscience Letters, 2008, 439, 24-29.	1.0	8
31	Investigating the Role of Guanosine on Human Neuroblastoma Cell Differentiation and the Underlying Molecular Mechanisms. Frontiers in Pharmacology, 2021, 12, 658806.	1.6	6
32	Ready, STAT, go: transcription factors on the move. EMBO Journal, 2012, 31, 1331-1333.	3.5	2
33	Parkinsonâ€™s disease: towards better preclinical models and personalized treatments. Cellular and Molecular Life Sciences, 2016, 73, 1383-1385.	2.4	2
34	Adipose Stromal/Stem Cell-Derived Extracellular Vesicles: Potential Next-Generation Anti-Obesity Agents. International Journal of Molecular Sciences, 2022, 23, 1543.	1.8	1