

Floriana Volpicelli

List of Publications by Year in descending order

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42
papers

1,615
citations

304368

22
h-index

315357

38
g-index

46
all docs

46
docs citations

46
times ranked

2092
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral, Anti-Inflammatory, and Neuroprotective Effects of a Novel FPR2 Agonist in Two Mouse Models of Autism. <i>Pharmaceuticals</i> , 2022, 15, 161.	1.7	8
2	In Vitro and In Silico Analysis of the Residence Time of Serotonin 5-HT ₇ Receptor Ligands with Arylpiperazine Structure: A Structure–Kinetics Relationship Study. <i>ACS Chemical Neuroscience</i> , 2022, 13, 497-509.	1.7	3
3	Music affects functional brain connectivity and is effective in the treatment of neurological disorders. <i>Reviews in the Neurosciences</i> , 2022, 33, 789-801.	1.4	10
4	Lmx1a-Dependent Activation of miR-204/211 Controls the Timing of Nurr1-Mediated Dopaminergic Differentiation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6961.	1.8	3
5	Dopamine: The Neuromodulator of Long-Term Synaptic Plasticity, Reward and Movement Control. <i>Cells</i> , 2021, 10, 735.	1.8	88
6	Presynaptic protein synthesis and brain plasticity: From physiology to neuropathology. <i>Progress in Neurobiology</i> , 2021, 202, 102051.	2.8	17
7	Generation of High-Yield, Functional Oligodendrocytes from a c-myc Immortalized Neural Cell Line, Endowed with Staminal Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1124.	1.8	1
8	miR-218 Inhibits Mitochondrial Clearance by Targeting PRKN E3 Ubiquitin Ligase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 355.	1.8	21
9	Neurotrophic Factor BDNF, Physiological Functions and Therapeutic Potential in Depression, Neurodegeneration and Brain Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7777.	1.8	345
10	Molecular Regulation in Dopaminergic Neuron Development. Cues to Unveil Molecular Pathogenesis and Pharmacological Targets of Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3995.	1.8	16
11	Role of the Serotonin Receptor 7 in Brain Plasticity: From Development to Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 505.	1.8	38
12	The microRNA-29a Modulates Serotonin 5-HT ₇ Receptor Expression and Its Effects on Hippocampal Neuronal Morphology. <i>Molecular Neurobiology</i> , 2019, 56, 8617-8627.	1.9	23
13	Neutralization of IL-17 rescues amyloid β -induced neuroinflammation and memory impairment. <i>British Journal of Pharmacology</i> , 2019, 176, 3544-3557.	2.7	93
14	miR-34b/c Regulates Wnt1 and Enhances Mesencephalic Dopaminergic Neuron Differentiation. <i>Stem Cell Reports</i> , 2018, 10, 1237-1250.	2.3	47
15	Information content of dendritic spines after motor learning. <i>Behavioural Brain Research</i> , 2018, 336, 256-260.	1.2	11
16	NR4A2 (Nuclear Receptor Subfamily 4, Group A, Member 2)., 2018,, 3568-3574.		0
17	Biological bases of human musicality. <i>Reviews in the Neurosciences</i> , 2017, 28, 235-245.	1.4	11
18	Serotonin 5-HT ₇ receptor increases the density of dendritic spines and facilitates synaptogenesis in forebrain neurons. <i>Journal of Neurochemistry</i> , 2017, 141, 647-661.	2.1	66

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19	The 5-HT7 receptor triggers cerebellar long-term synaptic depression via PKC-MAPK. <i>Neuropharmacology</i> , 2016, 101, 426-438.	2.0	46
20	A targeted secretome profiling by multiplexed immunoassay revealed that secreted chemokine ligand 2 (MCP-1/CCL2) affects neural differentiation in mesencephalic neural progenitor cells. <i>Proteomics</i> , 2015, 15, 714-724.	1.3	17
21	Activation of 5-HT7 receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 62.	1.0	43
22	Ruta graveolens L. Induces Death of Glioblastoma Cells and Neural Progenitors, but Not of Neurons, via ERK 1/2 and AKT Activation. <i>PLoS ONE</i> , 2015, 10, e0118864.	1.1	37
23	The Notch intracellular domain represses CRE-dependent transcription. <i>Cellular Signalling</i> , 2015, 27, 621-629.	1.7	25
24	Noradrenergic modulation of the parallel fiber-Purkinje cell synapse in mouse cerebellum. <i>Neuropharmacology</i> , 2015, 89, 33-42.	2.0	41
25	The serotonin receptor 7 and the structural plasticity of brain circuits. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 318.	1.0	51
26	Neuronal Differentiation Dictates Estrogen-Dependent Survival and ERK1/2 Kinetic by Means of Caveolin-1. <i>PLoS ONE</i> , 2014, 9, e109671.	1.1	7
27	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. <i>Neuropharmacology</i> , 2013, 67, 155-167.	2.0	62
28	Secretome profiling of differentiated neural mes-c-myc A1 cell line endowed with stem cell properties. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2385-2395.	1.1	15
29	Adult neural stem cells: an endogenous tool to repair brain injury?. <i>Journal of Neurochemistry</i> , 2013, 124, 159-167.	2.1	79
30	Direct Regulation of Pitx3 Expression by Nurr1 in Culture and in Developing Mouse Midbrain. <i>PLoS ONE</i> , 2012, 7, e30661.	1.1	45
31	Krüppel-like factor 7 is required for olfactory bulb dopaminergic neuron development. <i>Experimental Cell Research</i> , 2011, 317, 464-473.	1.2	24
32	Comparison of Gene Expression Profile in Embryonic Mesencephalon and Neuronal Primary Cultures. <i>PLoS ONE</i> , 2009, 4, e4977.	1.1	12
33	The molecular code involved in midbrain dopaminergic neuron development and maintenance. <i>Rendiconti Lincei</i> , 2008, 19, 271-290.	1.0	4
34	Differentiation of mesencephalic neural cells changes estrogen-dependent ERK1/2 kinetic by means of caveolin-1. <i>FASEB Journal</i> , 2008, 22, 579-579.	0.2	1
35	FLUOXETINE modifies the expression of serotonergic markers in a differentiation-dependent fashion in the mesencephalic neural cell line A1 mes c-myc. <i>Brain Research</i> , 2007, 1143, 1-10.	1.1	16
36	Bdnf gene is a downstream target of Nurr1 transcription factor in rat midbrain neurons in vitro. <i>Journal of Neurochemistry</i> , 2007, 102, 441-453.	2.1	85

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37	GDNF signaling in embryonic midbrain neurons in vitro. Brain Research, 2007, 1159, 28-39.	1.1	39
38	Enhancement of Dopaminergic Differentiation in Proliferating Midbrain Neuroblasts by Sonic Hedgehog and Ascorbic Acid. Neural Plasticity, 2004, 11, 45-57.	1.0	28
39	Modulation of nurr1 gene expression in mesencephalic dopaminergic neurones. Journal of Neurochemistry, 2004, 90, 256-256.	2.1	0
40	Modulation of nurr1 gene expression in mesencephalic dopaminergic neurones. Journal of Neurochemistry, 2004, 88, 1283-1294.	2.1	30
41	Altered midbrain dopaminergic neurotransmission during development in an animal model of ADHD. Neuroscience and Biobehavioral Reviews, 2003, 27, 661-669.	2.9	87
42	Regionalized Neurofilament Accumulation and Motoneuron Degeneration Are Linked Phenotypes in Wobbler Neuromuscular Disease. Neurobiology of Disease, 2001, 8, 581-589.	2.1	18