

# Floriana Volpicelli

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Neurotrophic Factor BDNF, Physiological Functions and Therapeutic Potential in Depression, Neurodegeneration and Brain Cancer. International Journal of Molecular Sciences, 2020, 21, 7777.	1.8	345
2	Neutralization of IL-17 rescues amyloid- $\beta$ -induced neuroinflammation and memory impairment. British Journal of Pharmacology, 2019, 176, 3544-3557.	2.7	93
3	Dopamine: The Neuromodulator of Long-Term Synaptic Plasticity, Reward and Movement Control. Cells, 2021, 10, 735.	1.8	88
4	Altered midbrain dopaminergic neurotransmission during development in an animal model of ADHD. Neuroscience and Biobehavioral Reviews, 2003, 27, 661-669.	2.9	87
5	Bdnf gene is a downstream target of Nurr1 transcription factor in rat midbrain neurons in vitro. Journal of Neurochemistry, 2007, 102, 441-453.	2.1	85
6	Adult neural stem cells: an endogenous tool to repair brain injury?. Journal of Neurochemistry, 2013, 124, 159-167.	2.1	79
7	Serotonin 5-HT <sub>7</sub> receptor increases the density of dendritic spines and facilitates synaptogenesis in forebrain neurons. Journal of Neurochemistry, 2017, 141, 647-661.	2.1	66
8	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. Neuropharmacology, 2013, 67, 155-167.	2.0	62
9	The serotonin receptor 7 and the structural plasticity of brain circuits. Frontiers in Behavioral Neuroscience, 2014, 8, 318.	1.0	51
10	miR-34b/c Regulates Wnt1 and Enhances Mesencephalic Dopaminergic Neuron Differentiation. Stem Cell Reports, 2018, 10, 1237-1250.	2.3	47
11	The 5-HT <sub>7</sub> receptor triggers cerebellar long-term synaptic depression via PKC-MAPK. Neuropharmacology, 2016, 101, 426-438.	2.0	46
12	Direct Regulation of Pitx3 Expression by Nurr1 in Culture and in Developing Mouse Midbrain. PLoS ONE, 2012, 7, e30661.	1.1	45
13	Activation of 5-HT <sub>7</sub> receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. Frontiers in Behavioral Neuroscience, 2015, 9, 62.	1.0	43
14	Noradrenergic modulation of the parallel fiber-Purkinje cell synapse in mouse cerebellum. Neuropharmacology, 2015, 89, 33-42.	2.0	41
15	GDNF signaling in embryonic midbrain neurons in vitro. Brain Research, 2007, 1159, 28-39.	1.1	39
16	Role of the Serotonin Receptor 7 in Brain Plasticity: From Development to Disease. International Journal of Molecular Sciences, 2020, 21, 505.	1.8	38
17	Ruta graveolens L. Induces Death of Glioblastoma Cells and Neural Progenitors, but Not of Neurons, via ERK 1/2 and AKT Activation. PLoS ONE, 2015, 10, e0118864.	1.1	37
18	Modulation of nurr1 gene expression in mesencephalic dopaminergic neurones. Journal of Neurochemistry, 2004, 88, 1283-1294.	2.1	30

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19	Enhancement of Dopaminergic Differentiation in Proliferating Midbrain Neuroblasts by Sonic Hedgehog and Ascorbic Acid. <i>Neural Plasticity</i> , 2004, 11, 45-57.	1.0	28
20	The Notch intracellular domain represses CRE-dependent transcription. <i>Cellular Signalling</i> , 2015, 27, 621-629.	1.7	25
21	Krüppel-like factor 7 is required for olfactory bulb dopaminergic neuron development. <i>Experimental Cell Research</i> , 2011, 317, 464-473.	1.2	24
22	The microRNA-29a Modulates Serotonin 5-HT <sub>7</sub> Receptor Expression and Its Effects on Hippocampal Neuronal Morphology. <i>Molecular Neurobiology</i> , 2019, 56, 8617-8627.	1.9	23
23	miR-218 Inhibits Mitochondrial Clearance by Targeting PRKN E3 Ubiquitin Ligase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 355.	1.8	21
24	Regionalized Neurofilament Accumulation and Motoneuron Degeneration Are Linked Phenotypes in Wobbler Neuromuscular Disease. <i>Neurobiology of Disease</i> , 2001, 8, 581-589.	2.1	18
25	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
26	Presynaptic protein synthesis and brain plasticity: From physiology to neuropathology. <i>Progress in Neurobiology</i> , 2021, 202, 102051.	2.8	17
27	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
28	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
29	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
30	Comparison of Gene Expression Profile in Embryonic Mesencephalon and Neuronal Primary Cultures. <i>PLoS ONE</i> , 2009, 4, e4977.	1.1	12
31	Biological bases of human musicality. <i>Reviews in the Neurosciences</i> , 2017, 28, 235-245.	1.4	11
32	Information content of dendritic spines after motor learning. <i>Behavioural Brain Research</i> , 2018, 336, 256-260.	1.2	11
33	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
34	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
35	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
36	The molecular code involved in midbrain dopaminergic neuron development and maintenance. <i>Rendiconti Lincei</i> , 2008, 19, 271-290.	1.0	4

#	ARTICLE	IF	CITATIONS
37	In Vitro and In Silico Analysis of the Residence Time of Serotonin 5-HT <sub>7</sub> Receptor Ligands with Arylpiperazine Structure: A Structure–Kinetics Relationship Study. ACS Chemical Neuroscience, 2022, 13, 497-509.	1.7	3
38	Lmx1a-Dependent Activation of miR-204/211 Controls the Timing of Nurr1-Mediated Dopaminergic Differentiation. International Journal of Molecular Sciences, 2022, 23, 6961.	1.8	3
39	Generation of High-Yield, Functional Oligodendrocytes from a c-myc Immortalized Neural Cell Line, Endowed with Staminal Properties. International Journal of Molecular Sciences, 2021, 22, 1124.	1.8	1
40	Differentiation of mesencephalic neural cells changes estrogen–dependent ERK1/2 kinetic by means of caveolin–1. FASEB Journal, 2008, 22, 579-579.	0.2	1
41	Modulation of nurr1 gene expression in mesencephalic dopaminergic neurones. Journal of Neurochemistry, 2004, 90, 256-256.	2.1	0
42	NR4A2 (Nuclear Receptor Subfamily 4, Group A, Member 2)., 2018, , 3568-3574.		0