Gian Carlo Bellenchi

List of Publications by Year
in descending order

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35 papers	2,339 citations	361296 20 h-index	360920 35 g-index
36 all docs	36 docs citations	36 times ranked	3554 citing authors

#	Article	IF	Citations
1	Nucleolar localization of the ErbB3 receptor as a new target in glioblastoma. BMC Molecular and Cell Biology, 2022, 23, 13.	1.0	8
2	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
3	Altered heparan sulfate metabolism during development triggers dopamine-dependent autistic-behaviours in models of lysosomal storage disorders. Nature Communications, 2021, 12, 3495.	5.8	20
4	Selymatra: A web application for proteinâ€profiling analysis of mass spectra. Biotechnology and Applied Biochemistry, 2021, , .	1.4	2
5	miR-218 Inhibits Mitochondrial Clearance by Targeting PRKN E3 Ubiquitin Ligase. International Journal of Molecular Sciences, 2020, 21, 355.	1.8	21
6	Molecular Regulation in Dopaminergic Neuron Development. Cues to Unveil Molecular Pathogenesis and Pharmacological Targets of Neurodegeneration. International Journal of Molecular Sciences, 2020, 21, 3995.	1.8	16
7	A meta-analytic approach to genes that are associated with impaired and elevated spatial memory performance. Psychiatry Research, 2018, 261, 508-516.	1.7	8
8	Glycosphingolipid metabolic reprogramming drives neural differentiation. EMBO Journal, 2018, 37, .	3.5	56
9	Motor learning and metaplasticity in striatal neurons: relevance for Parkinsonâ€™s disease. Brain, 2018, 141, 505-520.	3.7	62
10	miR-34b/c Regulates Wnt1 and Enhances Mesencephalic Dopaminergic Neuron Differentiation. Stem Cell Reports, 2018, 10, 1237-1250.	2.3	47
11	Information content of dendritic spines after motor learning. Behavioural Brain Research, 2018, 336, 256-260.	1.2	11
12	Serotonin 5â€<scp>HT</scp>7 receptor increases the density of dendritic spines and facilitates synaptogenesis in forebrain neurons. Journal of Neurochemistry, 2017, 141, 647-661.	2.1	66
13	Production of Small Noncoding RNAs from the flamenco Locus Is Regulated by the gypsy Retrotransposon of Drosophila melanogaster. Genetics, 2016, 204, 631-644.	1.2	16
14	Activation of 5-HT7 receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. Frontiers in Behavioral Neuroscience, 2015, 9, 62.	1.0	43
15	The Transcription Factor EGR1 Localizes to the Nucleolus and Is Linked to Suppression of Ribosomal Precursor Synthesis. PLoS ONE, 2014, 9, e96037.	1.1	16
16	Impulsivity and home-cage activity are decreased by lentivirus-mediated silencing of serotonin transporter in the rat hippocampus. Neuroscience Letters, 2013, 548, 38-43.	1.0	11
17	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. Neuropharmacology, 2013, 67, 155-167.	2.0	62
18	Adult neural stem cells: an endogenous tool to repair brain injury?. Journal of Neurochemistry, 2013, 124, 159-167.	2.1	79

#	Article	IF	Citations
19	What dictates the accumulation of desmosterol in the developing brain?. FASEB Journal, 2013, 27, 865-870.	0.2	33
20	Mechanism of proton/substrate coupling in the heptahelical lysosomal transporter cystinosin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E210-7.	3.3	40
21	Direct Regulation of Pitx3 Expression by Nurr1 in Culture and in Developing Mouse Midbrain. PLoS ONE, 2012, 7, e30661.	1.1	45
22	KrÃ¼ppel-like factor 7 is required for olfactory bulb dopaminergic neuron development. Experimental Cell Research, 2011, 317, 464-473.	1.2	24
23	Curcumin Protects against NMDA-Induced Toxicity: A Possible Role for NR2A Subunit. , 2011, 52, 1070.		60
24	Expression and lysosomal targeting of CLN7, a major facilitator superfamily transporter associated with variant late-infantile neuronal ceroid lipofuscinosis. Human Molecular Genetics, 2010, 19, 4497-4514.	1.4	48
25	The HIV Tat protein affects processing of ribosomal RNA precursor. BMC Cell Biology, 2008, 9, 32.	3.0	37
26	The Transporters GlyT2 and VIAAT Cooperate to Determine the Vesicular Glycinergic Phenotype. Journal of Neuroscience, 2007, 27, 6273-6281.	1.7	84
27	N-cofilin is associated with neuronal migration disorders and cell cycle control in the cerebral cortex. Genes and Development, 2007, 21, 2347-2357.	2.7	167
28	Purification and partial characterization of camel (Camelus Dromedarius) ceruloplasmin. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 131, 509-517.	0.7	8
29	A Third Vesicular Glutamate Transporter Expressed by Cholinergic and Serotoninergic Neurons. Journal of Neuroscience, 2002, 22, 5442-5451.	1.7	571
30	Monomerâ˜Dimer Equilibrium and Oxygen Binding Properties of Ferrous Vitreoscilla Hemoglobin. Biochemistry, 2001, 40, 9311-9316.	1.2	43
31	The Existence of a Second Vesicular Glutamate Transporter Specifies Subpopulations of Glutamatergic Neurons. Journal of Neuroscience, 2001, 21, RC181-RC181.	1.7	530
32	Site-directed Mutagenesis of Human Ceruloplasmin. Journal of Biological Chemistry, 2001, 276, 2678-2685.	1.6	22
33	The multifunctional oxidase activity of ceruloplasmin as revealed by anion binding studies. FEBS Journal, 1999, 265, 589-597.	0.2	19
34	Release of Highly Active Fet3 from Membranes of the Yeast Pichia pastoris by Limited Proteolysis. Archives of Biochemistry and Biophysics, 1999, 372, 295-299.	1.4	13
35	Reconstitution of Ceruloplasmin by the Cu(I)-Glutathione Complex. Journal of Biological Chemistry, 1996, 271, 1972-1978.	1.6	47