

# 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	A Third Vesicular Glutamate Transporter Expressed by Cholinergic and Serotonergic Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 5442-5451.	1.7	571
2	The Existence of a Second Vesicular Glutamate Transporter Specifies Subpopulations of Glutamatergic Neurons. <i>Journal of Neuroscience</i> , 2001, 21, RC181-RC181.	1.7	530
3	N-cofilin is associated with neuronal migration disorders and cell cycle control in the cerebral cortex. <i>Genes and Development</i> , 2007, 21, 2347-2357.	2.7	167
4	The Transporters GlyT2 and VIAAT Cooperate to Determine the Vesicular Glycinergic Phenotype. <i>Journal of Neuroscience</i> , 2007, 27, 6273-6281.	1.7	84
5	Adult neural stem cells: an endogenous tool to repair brain injury?. <i>Journal of Neurochemistry</i> , 2013, 124, 159-167.	2.1	79
6	Serotonin 5-HT <sub>7</sub> 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
7	The serotonin receptor 7 promotes neurite outgrowth via ERK and Cdk5 signaling pathways. <i>Neuropharmacology</i> , 2013, 67, 155-167.	2.0	62
8	Motor learning and metaplasticity in striatal neurons: relevance for Parkinson's disease. <i>Brain</i> , 2018, 141, 505-520.	3.7	62
9	Curcumin Protects against NMDA-Induced Toxicity: A Possible Role for NR2A Subunit. , 2011, 52, 1070.		60
10	Glycosphingolipid metabolic reprogramming drives neural differentiation. <i>EMBO Journal</i> , 2018, 37, .	3.5	56
11	Expression and lysosomal targeting of CLN7, a major facilitator superfamily transporter associated with variant late-infantile neuronal ceroid lipofuscinosis. <i>Human Molecular Genetics</i> , 2010, 19, 4497-4514.	1.4	48
12	Reconstitution of Ceruloplasmin by the Cu(I)-Glutathione Complex. <i>Journal of Biological Chemistry</i> , 1996, 271, 1972-1978.	1.6	47
13	miR-34b/c Regulates Wnt1 and Enhances Mesencephalic Dopaminergic Neuron Differentiation. <i>Stem Cell Reports</i> , 2018, 10, 1237-1250.	2.3	47
14	Direct Regulation of Pitx3 Expression by Nurr1 in Culture and in Developing Mouse Midbrain. <i>PLoS ONE</i> , 2012, 7, e30661.	1.1	45
15	Monomer-Dimer Equilibrium and Oxygen Binding Properties of Ferrous Vitreoscilla Hemoglobin. <i>Biochemistry</i> , 2001, 40, 9311-9316.	1.2	43
16	Activation of 5-HT <sub>7</sub> receptor stimulates neurite elongation through mTOR, Cdc42 and actin filaments dynamics. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 62.	1.0	43
17	Mechanism of proton/substrate coupling in the heptahelical lysosomal transporter cystinosin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E210-7.	3.3	40
18	The HIV Tat protein affects processing of ribosomal RNA precursor. <i>BMC Cell Biology</i> , 2008, 9, 32.	3.0	37

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19	What dictates the accumulation of desmosterol in the developing brain?. <i>FASEB Journal</i> , 2013, 27, 865-870.	0.2	33
20	Krüppel-like factor 7 is required for olfactory bulb dopaminergic neuron development. <i>Experimental Cell Research</i> , 2011, 317, 464-473.	1.2	24
21	Site-directed Mutagenesis of Human Ceruloplasmin. <i>Journal of Biological Chemistry</i> , 2001, 276, 2678-2685.	1.6	22
22	miR-218 Inhibits Mitochondrial Clearance by Targeting PRKN E3 Ubiquitin Ligase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 355.	1.8	21
23	Altered heparan sulfate metabolism during development triggers dopamine-dependent autistic-behaviours in models of lysosomal storage disorders. <i>Nature Communications</i> , 2021, 12, 3495.	5.8	20
24	The multifunctional oxidase activity of ceruloplasmin as revealed by anion binding studies. <i>FEBS Journal</i> , 1999, 265, 589-597.	0.2	19
25	The Transcription Factor EGR1 Localizes to the Nucleolus and Is Linked to Suppression of Ribosomal Precursor Synthesis. <i>PLoS ONE</i> , 2014, 9, e96037.	1.1	16
26	Production of Small Noncoding RNAs from the <i>flamenco</i> Locus Is Regulated by the <i>gypsy</i> Retrotransposon of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2016, 204, 631-644.	1.2	16
27	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
28	Release of Highly Active Fet3 from Membranes of the Yeast <i>Pichia pastoris</i> by Limited Proteolysis. <i>Archives of Biochemistry and Biophysics</i> , 1999, 372, 295-299.	1.4	13
29	Impulsivity and home-cage activity are decreased by lentivirus-mediated silencing of serotonin transporter in the rat hippocampus. <i>Neuroscience Letters</i> , 2013, 548, 38-43.	1.0	11
30	Information content of dendritic spines after motor learning. <i>Behavioural Brain Research</i> , 2018, 336, 256-260.	1.2	11
31	Purification and partial characterization of camel ( <i>Camelus Dromedarius</i> ) ceruloplasmin. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 131, 509-517.	0.7	8
32	A meta-analytic approach to genes that are associated with impaired and elevated spatial memory performance. <i>Psychiatry Research</i> , 2018, 261, 508-516.	1.7	8
33	Nucleolar localization of the ErbB3 receptor as a new target in glioblastoma. <i>BMC Molecular and Cell Biology</i> , 2022, 23, 13.	1.0	8
34	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
35	Selymatra: A web application for protein profiling analysis of mass spectra. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	1.4	2