Ottorino Belluzzi

List of Publications by Year
in descending order

32 papers	1,838 citations	394421 19 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	2437 citing authors

#	Article	IF	Citations
1	Multipotent cells can be generated in vitro from several adult human organs (heart, liver, and bone) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	336
2	Riluzole inhibits the persistent sodium current in mammalian CNS neurons. European Journal of Neuroscience, 2000, 12, 3567-3574.	2.6	329
3	Electrophysiological Differentiation of New Neurons in the Olfactory Bulb. Journal of Neuroscience, 2003, 23, 10411-10418.	3.6	264
4	Neuronal Differentiation Potential of Human Adipose-Derived Mesenchymal Stem Cells. Stem Cells and Development, 2008, 17, 909-916.	2.1	205
5	Functional properties of dopaminergic neurones in the mouse olfactory bulb. Journal of Physiology, 2005, 564, 501-514.	2.9	96
6	Functional heterogeneity of periglomerular cells in the rat olfactory bulb. European Journal of Neuroscience, 1998, 10, 1073-1083.	2.6	61
7	Dopaminergic Neurones in the Main Olfactory Bulb: An Overview from an Electrophysiological Perspective. Frontiers in Neuroanatomy, 2017, 11, 7.	1.7	51
8	A potential reservoir of immature dopaminergic replacement neurons in the adult mammalian olfactory bulb. Pflugers Archiv European Journal of Physiology, 2009, 457, 899-915.	2.8	39
9	Cholinergic Modulation of Dopaminergic Neurons in the Mouse Olfactory Bulb. Chemical Senses, 2008, 33, 331-338.	2.0	38
10	FGF-2 Overexpression Increases Excitability and Seizure Susceptibility but Decreases Seizure-Induced Cell Loss. Journal of Neuroscience, 2008, 28, 13112-13124.	3.6	33
11	Excitatory synapses in the glomerular triad of frog olfactory bulb in vitro. NeuroReport, 1996, 7, 1851-1855.	1.2	32
12	Nonspecific Cation Current Associated with Native Polycystin-2 in HEK-293 Cells. Journal of the American Society of Nephrology: JASN, 2006, 17, 388-397.	6.1	31
13	Electrophysiological evidence for a PGE-mediated presynaptic control of acetylcholine output in the guinea-pig superior cervical ganglion. Brain Research, 1982, 236, 383-391.	2.2	30
14	Calretinin-Periglomerular Interneurons in Mice Olfactory Bulb: Cells of Few Words. Frontiers in Cellular Neuroscience, 2016, 10, 231.	3.7	25
15	Direct inhibitory effect of taurine on relay neurones of the rat olfactory bulb in vitro. NeuroReport, 1998, 9, 2319-2323.	1.2	24
16	Inhibitory Synapses Among Interneurons in the Glomerular Layer of Rat and Frog Olfactory Bulbs. Journal of Neurophysiology, 1998, 80, 344-349.	1.8	24
17	Hyperpolarisation-activated current in glomerular cells of the rat olfactory bulb. NeuroReport, 2001, 12, 3117-3120.	1.2	24
18	Evidence for increased release of prostaglandins of E-type in response to orthodromic stimulation in the guinea-pig superior cervical ganglion. Brain Research, 1982, 236, 375-381.	2.2	22

#	Article	IF	Citations
19	Potassium currents in periglomerular cells of frog olfactory bulb in vitro. Neuroscience Letters, 1996, 210, 95-98.	2.1	22
20	NMDA-dependent, network-driven oscillatory activity induced by bicuculline or removal of Mg2+ in rat olfactory bulb neurons. European Journal of Neuroscience, 2001, 13, 92-102.	2.6	21
21	The h-Current in Periglomerular Dopaminergic Neurons of the Mouse Olfactory Bulb. PLoS ONE, 2013, 8, e56571.	2.5	18
22	Looking over Toxinâ€"K⁺ Channel Interactions. Clues from the Structural and Functional Characterization of Î±-KTx Toxin Tc32, a Kv1.3 Channel Blocker. Biochemistry, 2012, 51, 1885-1894.	2.5	17
23	Sodium current in periglomerular cells of rat olfactory bulb in vitro. NeuroReport, 1996, 7, 1846-1850.	1.2	16
24	Anatomy and Neurochemistry of the Olfactory Bulb. , 2003, , .		15
25	Metabotropic glutamate receptors 1 and 5 differentially regulate bulbar dopaminergic cell function. Brain Research, 2010, 1354, 47-63.	2.2	12
26	Sodium current in periglomerular cells of frog olfactory bulb in vitro. Brain Research, 1995, 703, 19-25.	2.2	11
27	Inward rectifier potassium (Kir) current in dopaminergic periglomerular neurons of the mouse olfactory bulb. Frontiers in Cellular Neuroscience, 2014, 8, 223.	3.7	11
28	The h-Current in the Substantia Nigra pars Compacta Neurons: A Re-examination. PLoS ONE, 2012, 7, e52329.	2.5	11
29	A model of signal processing at a mammalian sympathetic neurone. Journal of Neuroscience Methods, 1998, 80, 171-180.	2.5	8
30	NMDAâ€dependent, networkâ€driven oscillatory activity induced by bicuculline or removal of Mg²⁺ in rat olfactory bulb neurons. European Journal of Neuroscience, 2001, 13, 92-102.	2.6	7
31	Quantal release of neurotransmitter: an iterative method for the automatic computation of binomial distribution parameters. Journal of Neuroscience Methods, 1984, 10, 41-50.	2.5	4
32	Functional Properties of Adult-born Juxtaglomerular Cells in the Mammalian Olfactory Bulb. Chemical Senses, 2005, 30, i119-i120.	2.0	1