Patrizia Panzanelli

List of Publications by Year
in descending order

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42 papers	5,436 citations	236925 25 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	8130 citing authors

#	Article	IF	Citations
1	Exploiting Shock Waves to Trigger the Anticancer Sonodynamic Activity of 5-Aminolevulinc Acid-Derived Protoporphyrin IX on In Vitro 2D and 3D Cancer Models. Biomedicines, 2022, 10, 615.	3.2	5
2	Cross-talk between GABAergic postsynapse and microglia regulate synapse loss after brain ischemia. Science Advances, 2022, 8, eabj0112.	10.3	15
3	Ultrasound Triggers Hypericin Activation Leading to Multifaceted Anticancer Activity. Pharmaceutics, 2022, 14, 1102.	4.5	12
4	Sonodynamic Treatment Induces Selective Killing of Cancer Cells in an In Vitro Co-Culture Model. Cancers, 2021, 13, 3852.	3.7	11
5	Developmental seizures and mortality result from reducing GABAA receptor Î±2-subunit interaction with collybistin. Nature Communications, 2018, 9, 3130.	12.8	53
6	Differential role of GABAA receptors and neuroligin 2 for perisomatic GABAergic synapse formation in the hippocampus. Brain Structure and Function, 2017, 222, 4149-4161.	2.3	29
7	Neuronal Dystroglycan Is Necessary for Formation and Maintenance of Functional CCK-Positive Basket Cell Terminals on Pyramidal Cells. Journal of Neuroscience, 2016, 36, 10296-10313.	3.6	68
8	Interneuron- and GABAA receptor-specific inhibitory synaptic plasticity in cerebellar Purkinje cells. Nature Communications, 2015, 6, 7364.	12.8	42
9	Postsynaptic gephyrin clustering controls the development of adultâ€born granule cells in the olfactory bulb. Journal of Comparative Neurology, 2015, 523, 1998-2016.	1.6	9
10	<scp>GABA_A</scp> receptors and plasticity of inhibitory neurotransmission in the central nervous system. European Journal of Neuroscience, 2014, 39, 1845-1865.	2.6	169
11	A protocol for concurrent highâ€quality immunohistochemical and biochemical analyses in adult mouse central nervous system. European Journal of Neuroscience, 2014, 39, 165-175.	2.6	59
12	Extrasynaptic GABAA Receptors: Subunit Composition, Distribution, and Regulation. Receptors, 2014, , 15-32.	0.2	1
13	Early Formation of GABAergic Synapses Governs the Development of Adult-Born Neurons in the Olfactory Bulb. Journal of Neuroscience, 2012, 32, 9103-9115.	3.6	42
14	Organization of GABAergic Synaptic Circuits in the Rat Ventral Tegmental Area. PLoS ONE, 2012, 7, e46250.	2.5	25
15	Molecular and functional heterogeneity of GABAergic synapses. Cellular and Molecular Life Sciences, 2012, 69, 2485-2499.	5.4	92
16	Synaptic Pruning by Microglia Is Necessary for Normal Brain Development. Science, 2011, 333, 1456-1458.	12.6	3,138
17	Distinct mechanisms regulate GABA_A receptor and gephyrin clustering at perisomatic and axoâ€axonic synapses on CA1 pyramidal cells. Journal of Physiology, 2011, 589, 4959-4980.	2.9	125
18	Early Synapse Formation in Developing Interneurons of the Adult Olfactory Bulb. Journal of Neuroscience, 2009, 29, 15039-15052.	3.6	73

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19	GABA_a Receptor Heterogeneity Modulates Dendrodendritic Inhibition. Annals of the New York Academy of Sciences, 2009, 1170, 259-263.	3.8	4
20	GABAergic inhibition at dendrodendritic synapses tunes Â oscillations in the olfactory bulb. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7259-7264.	7.1	95
21	GABAergic phenotype of periglomerular cells in the rodent olfactory bulb. Journal of Comparative Neurology, 2007, 502, 990-1002.	1.6	91
22	Profilin2 contributes to synaptic vesicle exocytosis, neuronal excitability, and novelty-seeking behavior. EMBO Journal, 2007, 26, 2991-3002.	7.8	122
23	Synapse-specific localization of vesicular glutamate transporters in the rat olfactory bulb. European Journal of Neuroscience, 2007, 25, 1373-1383.	2.6	57
24	Fluctuations in brain concentrations of neurosteroids are not associated to changes in gephyrin levels. Brain Research, 2007, 1169, 1-8.	2.2	22
25	Immunofluorescence in brain sections: simultaneous detection of presynaptic and postsynaptic proteins in identified neurons. Nature Protocols, 2006, 1, 1887-1897.	12.0	121
26	Cholesteryl butyrate solid lipid nanoparticles inhibit adhesion of human neutrophils to endothelial cells. British Journal of Pharmacology, 2006, 148, 648-656.	5.4	49
27	Molecular and synaptic organization of GABAA receptors in the cerebellum: Effects of targeted subunit gene deletions. Cerebellum, 2006, 5, 275-285.	2.5	36
28	Intracellular Accumulation and Cytotoxicity of Doxorubicin with Different Pharmaceutical Formulations in Human Cancer Cell Lines. Journal of Nanoscience and Nanotechnology, 2006, 6, 3062-3069.	0.9	30
29	Differential Dependence of Axo-Dendritic and Axo-Somatic GABAergic Synapses on GABAA Receptors Containing the Â1 Subunit in Purkinje Cells. Journal of Neuroscience, 2006, 26, 3245-3255.	3.6	82
30	The actin-binding protein profilin I is localized at synaptic sites in an activity-regulated manner. European Journal of Neuroscience, 2005, 21, 15-25.	2.6	78
31	Heterogeneity of Î³-aminobutyric acid type A receptors in mitral and tufted cells of the rat main olfactory bulb. Journal of Comparative Neurology, 2005, 484, 121-131.	1.6	35
32	The Â2 Subunit of GABAA Receptors Is a Substrate for Palmitoylation by GODZ. Journal of Neuroscience, 2004, 24, 5881-5891.	3.6	225
33	Pre- and postsynaptic GABAA receptors at reciprocal dendrodendritic synapses in the olfactory bulb. European Journal of Neuroscience, 2004, 20, 2945-2952.	2.6	19
34	Localization and developmental expression of GABABreceptors in the rat olfactory bulb. Journal of Neurocytology, 2004, 33, 87-99.	1.5	27
35	Interaction of Bartonella henselae with the Murine Macrophage Cell Line J774: Infection and Proinflammatory Response. Infection and Immunity, 2001, 69, 5974-5980.	2.2	51
36	Colocalization of multiple GABAA receptor subtypes with gephyrin at postsynaptic sites. , 2000, 420, 481-498.		163

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37	Postsynaptic Colocalization of Gephyrin and GABAA Receptors. Annals of the New York Academy of Sciences, 1999, 868, 693-696.	3.8	12
38	Immunocytochemical localization of glutamate and ?-aminobutyric acid in the accessory olfactory bulb of the rat. , 1999, 408, 61-72.		33
39	Co-localization of carnosine and glutamate in photoreceptors and bipolar cells of the frog retina. Brain Research, 1997, 758, 143-152.	2.2	14
40	Glutamate and carnosine in the vestibular system of the frog. Brain Research, 1994, 662, 293-296.	2.2	15
41	Presynaptic colocalization of carnosine and glutamate in olfactory neurones. NeuroReport, 1993, 5, 7-10.	1.2	80
42	Expression of carnosine-like immunoreactivity during retinal development in the clawed frog (Xenopus laevis). Developmental Brain Research, 1992, 70, 134-138.	1.7	7