

# 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	Synaptic Pruning by Microglia Is Necessary for Normal Brain Development. <i>Science</i> , 2011, 333, 1456-1458.	12.6	3,138
2	The $\alpha 2$ Subunit of GABAA Receptors Is a Substrate for Palmitoylation by GODZ. <i>Journal of Neuroscience</i> , 2004, 24, 5881-5891.	3.6	225
3	<scp>GABA<sub>A</sub></scp> receptors and plasticity of inhibitory neurotransmission in the central nervous system. <i>European Journal of Neuroscience</i> , 2014, 39, 1845-1865.	2.6	169
4	Colocalization of multiple GABAA receptor subtypes with gephyrin at postsynaptic sites. , 2000, 420, 481-498.		163
5	Distinct mechanisms regulate GABA<sub>A</sub> receptor and gephyrin clustering at perisomatic and axo-axonic synapses on CA1 pyramidal cells. <i>Journal of Physiology</i> , 2011, 589, 4959-4980.	2.9	125
6	Profilin2 contributes to synaptic vesicle exocytosis, neuronal excitability, and novelty-seeking behavior. <i>EMBO Journal</i> , 2007, 26, 2991-3002.	7.8	122
7	Immunofluorescence in brain sections: simultaneous detection of presynaptic and postsynaptic proteins in identified neurons. <i>Nature Protocols</i> , 2006, 1, 1887-1897.	12.0	121
8	GABAergic inhibition at dendrodendritic synapses tunes $\alpha$ oscillations in the olfactory bulb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7259-7264.	7.1	95
9	Molecular and functional heterogeneity of GABAergic synapses. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2485-2499.	5.4	92
10	GABAergic phenotype of periglomerular cells in the rodent olfactory bulb. <i>Journal of Comparative Neurology</i> , 2007, 502, 990-1002.	1.6	91
11	Differential Dependence of Axo-Dendritic and Axo-Somatic GABAergic Synapses on GABAA Receptors Containing the $\alpha 1$ Subunit in Purkinje Cells. <i>Journal of Neuroscience</i> , 2006, 26, 3245-3255.	3.6	82
12	Presynaptic colocalization of carnosine and glutamate in olfactory neurones. <i>NeuroReport</i> , 1993, 5, 7-10.	1.2	80
13	The actin-binding protein profilin I is localized at synaptic sites in an activity-regulated manner. <i>European Journal of Neuroscience</i> , 2005, 21, 15-25.	2.6	78
14	Early Synapse Formation in Developing Interneurons of the Adult Olfactory Bulb. <i>Journal of Neuroscience</i> , 2009, 29, 15039-15052.	3.6	73
15	Neuronal Dystroglycan Is Necessary for Formation and Maintenance of Functional CCK-Positive Basket Cell Terminals on Pyramidal Cells. <i>Journal of Neuroscience</i> , 2016, 36, 10296-10313.	3.6	68
16	A protocol for concurrent high-quality immunohistochemical and biochemical analyses in adult mouse central nervous system. <i>European Journal of Neuroscience</i> , 2014, 39, 165-175.	2.6	59
17	Synapse-specific localization of vesicular glutamate transporters in the rat olfactory bulb. <i>European Journal of Neuroscience</i> , 2007, 25, 1373-1383.	2.6	57
18	Developmental seizures and mortality result from reducing GABAA receptor $\alpha 2$ -subunit interaction with collybistin. <i>Nature Communications</i> , 2018, 9, 3130.	12.8	53

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19	Interaction of Bartonella henselae with the Murine Macrophage Cell Line J774: Infection and Proinflammatory Response. <i>Infection and Immunity</i> , 2001, 69, 5974-5980.	2.2	51
20	Cholesteryl butyrate solid lipid nanoparticles inhibit adhesion of human neutrophils to endothelial cells. <i>British Journal of Pharmacology</i> , 2006, 148, 648-656.	5.4	49
21	Early Formation of GABAergic Synapses Governs the Development of Adult-Born Neurons in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2012, 32, 9103-9115.	3.6	42
22	Interneuron- and GABAA receptor-specific inhibitory synaptic plasticity in cerebellar Purkinje cells. <i>Nature Communications</i> , 2015, 6, 7364.	12.8	42
23	Molecular and synaptic organization of GABAA receptors in the cerebellum: Effects of targeted subunit gene deletions. <i>Cerebellum</i> , 2006, 5, 275-285.	2.5	36
24	Heterogeneity of $\hat{I}^3$ -aminobutyric acid type A receptors in mitral and tufted cells of the rat main olfactory bulb. <i>Journal of Comparative Neurology</i> , 2005, 484, 121-131.	1.6	35
25	Immunocytochemical localization of glutamate and $\hat{I}$ -aminobutyric acid in the accessory olfactory bulb of the rat. , 1999, 408, 61-72.		33
26	Intracellular Accumulation and Cytotoxicity of Doxorubicin with Different Pharmaceutical Formulations in Human Cancer Cell Lines. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3062-3069.	0.9	30
27	Differential role of GABAA receptors and neuroligin 2 for perisomatic GABAergic synapse formation in the hippocampus. <i>Brain Structure and Function</i> , 2017, 222, 4149-4161.	2.3	29
28	Localization and developmental expression of GABA <sub>B</sub> receptors in the rat olfactory bulb. <i>Journal of Neurocytology</i> , 2004, 33, 87-99.	1.5	27
29	Organization of GABAergic Synaptic Circuits in the Rat Ventral Tegmental Area. <i>PLoS ONE</i> , 2012, 7, e46250.	2.5	25
30	Fluctuations in brain concentrations of neurosteroids are not associated to changes in gephyrin levels. <i>Brain Research</i> , 2007, 1169, 1-8.	2.2	22
31	Pre- and postsynaptic GABAA receptors at reciprocal dendrodendritic synapses in the olfactory bulb. <i>European Journal of Neuroscience</i> , 2004, 20, 2945-2952.	2.6	19
32	Glutamate and carnosine in the vestibular system of the frog. <i>Brain Research</i> , 1994, 662, 293-296.	2.2	15
33	Cross-talk between GABAergic postsynapse and microglia regulate synapse loss after brain ischemia. <i>Science Advances</i> , 2022, 8, eabj0112.	10.3	15
34	Co-localization of carnosine and glutamate in photoreceptors and bipolar cells of the frog retina. <i>Brain Research</i> , 1997, 758, 143-152.	2.2	14
35	Postsynaptic Colocalization of Gephyrin and GABAA Receptors. <i>Annals of the New York Academy of Sciences</i> , 1999, 868, 693-696.	3.8	12
36	Ultrasound Triggers Hypericin Activation Leading to Multifaceted Anticancer Activity. <i>Pharmaceutics</i> , 2022, 14, 1102.	4.5	12

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37	Sonodynamic Treatment Induces Selective Killing of Cancer Cells in an In Vitro Co-Culture Model. <i>Cancers</i> , 2021, 13, 3852.	3.7	11
38	Postsynaptic gephyrin clustering controls the development of adult-born granule cells in the olfactory bulb. <i>Journal of Comparative Neurology</i> , 2015, 523, 1998-2016.	1.6	9
39	Expression of carnosine-like immunoreactivity during retinal development in the clawed frog ( <i>Xenopus laevis</i> ). <i>Developmental Brain Research</i> , 1992, 70, 134-138.	1.7	7
40	Exploiting Shock Waves to Trigger the Anticancer Sonodynamic Activity of 5-Aminolevulinic Acid-Derived Protoporphyrin IX on In Vitro 2D and 3D Cancer Models. <i>Biomedicines</i> , 2022, 10, 615.	3.2	5
41	GABA <sub>A</sub> Receptor Heterogeneity Modulates Dendrodendritic Inhibition. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 259-263.	3.8	4
42	Extrasynaptic GABA <sub>A</sub> Receptors: Subunit Composition, Distribution, and Regulation. <i>Receptors</i> , 2014, , 15-32.	0.2	1