Paola Rossi

List of Publications by Year in descending order

50 papers	2,252 citations	236925 25 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	2421 citing authors

#	Article	IF	Citations
1	Fibroblast Growth Factor Homologous Factors Control Neuronal Excitability through Modulation of Voltage-Gated Sodium Channels. Neuron, 2007, 55, 449-463.	8.1	220
2	Evidence for NMDA and mGlu Receptor-Dependent Long-Term Potentiation of Mossy Fiberâ€“Granule Cell Transmission in Rat Cerebellum. Journal of Neurophysiology, 1999, 81, 277-287.	1.8	197
3	LTP Regulates Burst Initiation and Frequency at Mossy Fiberâ€“Granule Cell Synapses of Rat Cerebellum: Experimental Observations and Theoretical Predictions. Journal of Neurophysiology, 2006, 95, 686-699.	1.8	138
4	Increased neurotransmitter release during long-term potentiation at mossy fibre-granule cell synapses in rat cerebellum. Journal of Physiology, 2004, 557, 843-861.	2.9	122
5	Increased Ethanol Resistance and Consumption in Eps8 Knockout Mice Correlates with Altered Actin Dynamics. Cell, 2006, 127, 213-226.	28.9	120
6	Ionic Mechanism of Electroresponsiveness in Cerebellar Granule Cells Implicates the Action of a Persistent Sodium Current. Journal of Neurophysiology, 1998, 80, 493-503.	1.8	117
7	Intracellular Calcium Regulation by Burst Discharge Determines Bidirectional Long-Term Synaptic Plasticity at the Cerebellum Input Stage. Journal of Neuroscience, 2005, 25, 4813-4822.	3.6	105
8	Tactile Stimulation Evokes Long-Term Synaptic Plasticity in the Granular Layer of Cerebellum. Journal of Neuroscience, 2008, 28, 6354-6359.	3.6	93
9	Tonic Activation of GABAB Receptors Reduces Release Probability at Inhibitory Connections in the Cerebellar Glomerulus. Journal of Neurophysiology, 2009, 101, 3089-3099.	1.8	79
10	Altered Neuron Excitability and Synaptic Plasticity in the Cerebellar Granular Layer of Juvenile Prion Protein Knock-Out Mice with Impaired Motor Control. Journal of Neuroscience, 2008, 28, 7091-7103.	3.6	69
11	The Gut-Brain Axis in Alzheimerâ€™s Disease and Omega-3. A Critical Overview of Clinical Trials. Nutrients, 2018, 10, 1267.	4.1	62
12	NO Enhances Presynaptic Currents During Cerebellar Mossy Fiberâ€”Granule Cell LTP. Journal of Neurophysiology, 2003, 90, 2478-2483.	1.8	61
13	Synaptic Activation of Ca²⁺ Action Potentials in Immature Rat Cerebellar Granule Cells In Situ. Journal of Neurophysiology, 1997, 78, 1631-1642.	1.8	60
14	Age-dependent expression of high-voltage activated calcium currents during cerebellar granule cell development in situ. Pflugers Archiv European Journal of Physiology, 1994, 429, 107-116.	2.8	55
15	Long-term potentiation of synaptic transmission at the mossy fiberâ€“granule cell relay of cerebellum. Progress in Brain Research, 2005, 148, 69-80.	1.4	46
16	B-glucans from Grifola frondosa and Ganoderma lucidum in breast cancer: an example of complementary and integrative medicine. Oncotarget, 2018, 9, 24837-24856.	1.8	44
17	Inhibition of constitutive inward rectifier currents in cerebellar granule cells by pharmacological and synaptic activation of GABABreceptors. European Journal of Neuroscience, 2006, 24, 419-432.	2.6	41
18	Voltage-dependent Kinetics of N-Methyl-d-aspartate Synaptic Currents in Rat Cerebellar Granule Cells. European Journal of Neuroscience, 1994, 6, 640-645.	2.6	39

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19	Hericium erinaceus Improves Recognition Memory and Induces Hippocampal and Cerebellar Neurogenesis in Frail Mice during Aging. Nutrients, 2019, 11, 715.	4.1	39
20	Differential Long-lasting Potentiation of the NMDA and Non-NMDA Synaptic Currents Induced by Metabotropic and NMDA Receptor Coactivation in Cerebellar Granule Cells. European Journal of Neuroscience, 1996, 8, 1182-1189.	2.6	34
21	Dietary Supplementation ofHericium erinaceusIncreases Mossy Fiber-CA3 Hippocampal Neurotransmission and Recognition Memory in Wild-Type Mice. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-13.	1.2	33
22	Coffee Intake Decreases Risk of Postmenopausal Breast Cancer: A Dose-Response Meta-Analysis on Prospective Cohort Studies. Nutrients, 2018, 10, 112.	4.1	32
23	Hericium erinaceus Improves Mood and Sleep Disorders in Patients Affected by Overweight or Obesity: Could Circulating Pro-BDNF and BDNF Be Potential Biomarkers?. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-12.	1.2	32
24	Large-scale purification of hnRNP proteins from HeLa cells by affinity chromatography on ssDNA-cellulose. FEBS Journal, 1987, 162, 213-220.	0.2	31
25	A New Proposal for the Pathogenic Mechanism of Non-Coeliac/Non-Allergic Gluten/Wheat Sensitivity: Piecing Together the Puzzle of Recent Scientific Evidence. Nutrients, 2017, 9, 1203.	4.1	28
26	Neuroprotective Metabolites of Hericium erinaceus Promote Neuro-Healthy Aging. International Journal of Molecular Sciences, 2021, 22, 6379.	4.1	27
27	Overview of Targeted Drugs for Mature B-Cell Non-hodgkin Lymphomas. Frontiers in Oncology, 2019, 9, 443.	2.8	25
28	Array of Metabolites in Italian Hericium erinaceus Mycelium, Primordium, and Sporophore. Molecules, 2019, 24, 3511.	3.8	24
29	Dietary Supplementation of Lionâ€™s Mane Medicinal Mushroom, Hericium erinaceus (Agaricomycetes), and Spatial Memory in Wild-Type Mice. International Journal of Medicinal Mushrooms, 2018, 20, 485-494.	1.5	24
30	Gene Signatures Associated with Mouse Postnatal Hindbrain Neural Stem Cells and Medulloblastoma Cancer Stem Cells Identify Novel Molecular Mediators and Predict Human Medulloblastoma Molecular Classification. Cancer Discovery, 2012, 2, 554-568.	9.4	21
31	Novel Medicinal Mushroom Blend as a Promising Supplement in Integrative Oncology: A Multi-Tiered Study using 4T1 Triple-Negative Mouse Breast Cancer Model. International Journal of Molecular Sciences, 2020, 21, 3479.	4.1	20
32	Fear is the mother of invention: anuran embryos exposed to predator cues alter life-history traits, post-hatching behaviour, and neuronal activity patterns. Journal of Experimental Biology, 2015, 218, 3919-30.	1.7	19
33	The Selective Interaction of Pistacia lentiscus Oil vs. Human Streptococci, an Old Functional Food Revisited with New Tools. Frontiers in Microbiology, 2017, 8, 2067.	3.5	18
34	Protein Kinase C Facilitation of Acetylcholine Release at the Rat Neuromuscular Junction. European Journal of Neuroscience, 1992, 4, 823-831.	2.6	17
35	Improving Training Condition Assessment in Endurance Cyclists: Effects ofGanoderma lucidumandOphiocordyceps sinensisDietary Supplementation. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11.	1.2	17
36	Deeper and Deeper on the Role of BK and Kir4.1 Channels in Glioblastoma Invasiveness: A Novel Summative Mechanism?. Frontiers in Neuroscience, 2020, 14, 595664.	2.8	17

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37	Golgi Cell-Mediated Activation of Postsynaptic GABAB Receptors Induces Disinhibition of the Golgi Cell-Granule Cell Synapse in Rat Cerebellum. PLoS ONE, 2012, 7, e43417.	2.5	16
38	Searching for a Longevity Food, We Bump into Hericium erinaceus Primordium Rich in Ergothioneine: The â€œLongevity Vitaminâ€•Improves Locomotor Performances during Aging. Nutrients, 2022, 14, 1177.	4.1	16
39	Integrated Regulation of Signal Coding and Plasticity by NMDA Receptors at a Central Synapse. Neural Plasticity, 1998, 6, 8-16.	2.2	15
40	Fibromyalgia and Nutrition: An Updated Review. Journal of the American College of Nutrition, 2021, 40, 665-678.	1.8	15
41	Coffee consumption is not associated with ovarian cancer risk: a dose-response meta-analysis of prospective cohort studies. Oncotarget, 2018, 9, 20807-20815.	1.8	13
42	The Many Ages of Microbiomeâ€“Gutâ€“Brain Axis. Nutrients, 2022, 14, 2937.	4.1	10
43	A New Platinum-Based Prodrug Candidate for Chemotherapy and Its Synergistic Effect With Hadrontherapy: Novel Strategy to Treat Glioblastoma. Frontiers in Neuroscience, 2021, 15, 589906.	2.8	9
44	Pharmacogenetic-Based Interactions between Nutraceuticals and Angiogenesis Inhibitors. Cells, 2019, 8, 522.	4.1	8
45	Squaring the Circle: A New Study of Inward and Outward-Rectifying Potassium Currents in U251 GBM Cells. Cellular and Molecular Neurobiology, 2020, 40, 813-828.	3.3	7
46	Phylogenetic Comparison between Italian and Worldwide Hericium Species (Agaricomycetes). International Journal of Medicinal Mushrooms, 2019, 21, 943-954.	1.5	7
47	Combined Venlafaxine and Olanzapine Prescription in Women with Psychotic Major Depression: A Case Series. Case Reports in Medicine, 2011, 2011, 1-4.	0.7	4
48	Distinct expression patterns of inwardly rectifying potassium currents in developing cerebellar granule cells of the hemispheres and the vermis. European Journal of Neuroscience, 2016, 43, 1460-1473.	2.6	4
49	From a Medicinal Mushroom Blend a Direct Anticancer Effect on Triple-Negative Breast Cancer: A Preclinical Study on Lung Metastases. Molecules, 2020, 25, 5400.	3.8	2
50	Effects of Vitamin D Supplefmentation on Outcome of Low-Calorie Diet in Workers Presenting Obesity or Overweight: A Retrospective Observational Study. Journal of the American College of Nutrition, 2021, , 1-9.	1.8	0