

Matteo Bergami

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,918
citations

304743

22
h-index

477307

29
g-index

35
all docs

35
docs citations

35
times ranked

6549
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Deletion of TrkB in adult progenitors alters newborn neuron integration into hippocampal circuits and increases anxiety-like behavior. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15570-15575.	7.1	350
3	Sox2-Mediated Conversion of NG2 Glia into Induced Neurons in the Injured Adult Cerebral Cortex. Stem Cell Reports, 2014, 3, 1000-1014.	4.8	274
4	Inflammation-Induced Alteration of Astrocyte Mitochondrial Dynamics Requires Autophagy for Mitochondrial Network Maintenance. Cell Metabolism, 2013, 18, 844-859.	16.2	201
5	A Critical Period for Experience-Dependent Remodeling of Adult-Born Neuron Connectivity. Neuron, 2015, 85, 710-717.	8.1	176
6	Retrograde monosynaptic tracing reveals the temporal evolution of inputs onto new neurons in the adult dentate gyrus and olfactory bulb. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1152-61.	7.1	159
7	A Radial Glia-Specific Role of RhoA in Double Cortex Formation. Neuron, 2012, 73, 911-924.	8.1	157
8	Uptake and recycling of pro-BDNF for transmitter-induced secretion by cortical astrocytes. Journal of Cell Biology, 2008, 183, 213-221.	5.2	155
9	Modulating Neuronal Competition Dynamics in the Dentate Gyrus to Rejuvenate Aging Memory Circuits. Neuron, 2016, 91, 1356-1373.	8.1	128
10	Pleiotropic Mitochondria: The Influence of Mitochondria on Neuronal Development and Disease. Journal of Neuroscience, 2019, 39, 8200-8208.	3.6	124
11	LincRNA H19 protects from dietary obesity by constraining expression of monoallelic genes in brown fat. Nature Communications, 2018, 9, 3622.	12.8	120
12	Hippocampal neurons recycle BDNF for activity-dependent secretion and LTP maintenance. EMBO Journal, 2006, 25, 4372-4380.	7.8	102
13	Tlâ€VAMP/VAMP7 is the SNARE of secretory lysosomes contributing to ATP secretion from astrocytes. Biology of the Cell, 2012, 104, 213-228.	2.0	79
14	Mitochondria-Endoplasmic Reticulum Contacts in Reactive Astrocytes Promote Vascular Remodeling. Cell Metabolism, 2020, 31, 791-808.e8.	16.2	79
15	A fight for survival: The challenges faced by a newborn neuron integrating in the adult hippocampus. Developmental Neurobiology, 2012, 72, 1016-1031.	3.0	48
16	Pre-existing astrocytes form functional perisynaptic processes on neurons generated in the adult hippocampus. Brain Structure and Function, 2015, 220, 2027-2042.	2.3	46
17	Cross talk between vestibular neurons and Schwann cells mediates BDNF release and neuronal regeneration. Brain Cell Biology, 2007, 35, 187-201.	3.2	42
18	Loss of the mitochondrial <i>â€•AAA</i> protease <sc>YME</sc> 1L leads to ocular dysfunction and spinal axonopathy. EMBO Molecular Medicine, 2019, 11, .	6.9	38

#	ARTICLE	IF	CITATIONS
19	Polarized Expression of p75NTR Specifies Axons during Development and Adult Neurogenesis. <i>Cell Reports</i> , 2014, 7, 138-152.	6.4	34
20	Mitochondrial Dysfunction Combined with High Calcium Load Leads to Impaired Antioxidant Defense Underlying the Selective Loss of Nigral Dopaminergic Neurons. <i>Journal of Neuroscience</i> , 2020, 40, 1975-1986.	3.6	34
21	TrkB Signaling Directs the Incorporation of Newly Generated Periglomerular Cells in the Adult Olfactory Bulb. <i>Journal of Neuroscience</i> , 2013, 33, 11464-11478.	3.6	32
22	Conditional deletion of TrkB alters adult hippocampal neurogenesis and anxiety-related behavior. <i>Communicative and Integrative Biology</i> , 2009, 2, 14-16.	1.4	31
23	Metabolic control of adult neural stem cell self-renewal by the mitochondrial protease YME1L. <i>Cell Reports</i> , 2022, 38, 110370.	6.4	24
24	Precise Long-Range Microcircuit-to-Microcircuit Communication Connects the Frontal and Sensory Cortices in the Mammalian Brain. <i>Neuron</i> , 2019, 104, 385-401.e3.	8.1	19
25	Critical periods regulating the circuit integration of adult-born hippocampal neurons. <i>Cell and Tissue Research</i> , 2018, 371, 23-32.	2.9	17
26	Spatiotemporal control of mitochondrial network dynamics in astroglial cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 17-25.	2.1	9
27	Gad1 promoter-driven GFP expression in non-GABAergic neurons of the nucleus endopiriformis in a transgenic mouse line. <i>Journal of Comparative Neurology</i> , 2019, 527, 2215-2232.	1.6	4
28	Experience-dependent plasticity of adult-born neuron connectivity. <i>Communicative and Integrative Biology</i> , 2015, 8, e1038444.	1.4	3
29	Reweaving the Fabric of Mitochondrial Contact Sites in Astrocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 592651.	3.7	3