

Giovanna R Mallucci

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	4,299 citations	30 h-index	61 g-index
61 ext. papers	5,135 ext. citations	11.7 avg, IF	5.56 L-index

#	Paper	IF	Citations
50	TrkB signaling regulates the cold-shock protein RBM3-mediated neuroprotection. <i>Life Science Alliance</i> , 2021 , 4,	5.8	3
49	Astrocyte Unfolded Protein Response Induces a Specific Reactivity State that Causes Non-Cell-Autonomous Neuronal Degeneration. <i>Neuron</i> , 2020 , 105, 855-866.e5	13.9	73
48	Developing Therapies for Neurodegenerative Disorders: Insights from Protein Aggregation and Cellular Stress Responses. <i>Annual Review of Cell and Developmental Biology</i> , 2020 , 36, 165-189	12.6	8
47	Targeting the kinase insert loop of PERK selectively modulates PERK signaling without systemic toxicity in mice. <i>Science Signaling</i> , 2020 , 13,	8.8	4
46	Control of translation elongation in health and disease. <i>DMM Disease Models and Mechanisms</i> , 2020 , 13,	4.1	30
45	Small Molecules to Improve ER Proteostasis in Disease. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 684-695	13.2	41
44	Translating translation in Down syndrome. <i>Science</i> , 2019 , 366, 797-798	33.3	4
43	Noncanonical Modulation of the eIF2 Pathway Controls an Increase in Local Translation during Neural Wiring. <i>Molecular Cell</i> , 2019 , 73, 474-489.e5	17.6	39
42	The unfolded protein response in neurodegenerative disorders - therapeutic modulation of the PERK pathway. <i>FEBS Journal</i> , 2019 , 286, 342-355	5.7	74
41	Neuronal Mitochondrial Dysfunction Activates the Integrated Stress Response to Induce Fibroblast Growth Factor 21. <i>Cell Reports</i> , 2018 , 24, 1407-1414	10.6	51
40	Promoting the clearance of neurotoxic proteins in neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 660-688	64.1	232
39	Nitric oxide-mediated posttranslational modifications control neurotransmitter release by modulating complexin farnesylation and enhancing its clamping ability. <i>PLoS Biology</i> , 2018 , 16, e2003611	9.7	20
38	RTN3 Is a Novel Cold-Induced Protein and Mediates Neuroprotective Effects of RBM3. <i>Current Biology</i> , 2017 , 27, 638-650	6.3	32
37	Repurposed drugs targeting eIF2 α -P-mediated translational repression prevent neurodegeneration in mice. <i>Brain</i> , 2017 , 140, 1768-1783	11.2	159
36	Fine-tuning PERK signaling for neuroprotection. <i>Journal of Neurochemistry</i> , 2017 , 142, 812-826	6	31
35	Reply: Trazodone to change the risk of neurodegeneration: bedside to bench. <i>Brain</i> , 2017 , 140, e48	11.2	1
34	M1 muscarinic allosteric modulators slow prion neurodegeneration and restore memory loss. <i>Journal of Clinical Investigation</i> , 2017 , 127, 487-499	15.9	39

33	Mitofusin-mediated ER stress triggers neurodegeneration in pink1/parkin models of Parkinson's disease. <i>Cell Death and Disease</i> , 2016 , 7, e2271	9.8	105
32	The UPR and synaptic dysfunction in neurodegeneration. <i>Brain Research</i> , 2016 , 1648, 530-537	3.7	43
31	The unfolded protein response: mechanisms and therapy of neurodegeneration. <i>Brain</i> , 2016 , 139, 2113-2122	11.2	83
30	Cooling-induced SUMOylation of EXOSC10 down-regulates ribosome biogenesis. <i>Rna</i> , 2016 , 22, 623-35	5.8	19
29	Modeling Huntington Disease in Yeast and Invertebrates 2015 , 557-572		
28	PERK inhibition prevents tau-mediated neurodegeneration in a mouse model of frontotemporal dementia. <i>Acta Neuropathologica</i> , 2015 , 130, 633-42	14.3	169
27	Partial restoration of protein synthesis rates by the small molecule ISRIB prevents neurodegeneration without pancreatic toxicity. <i>Cell Death and Disease</i> , 2015 , 6, e1672	9.8	184
26	Review: Modulating the unfolded protein response to prevent neurodegeneration and enhance memory. <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, 414-27	5.2	56
25	RBM3 mediates structural plasticity and protective effects of cooling in neurodegeneration. <i>Nature</i> , 2015 , 518, 236-9	50.4	127
24	Enhancing nucleotide metabolism protects against mitochondrial dysfunction and neurodegeneration in a PINK1 model of Parkinson's disease. <i>Nature Cell Biology</i> , 2014 , 16, 157-66	23.4	91
23	Prions: generation and spread versus neurotoxicity. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19862-8	5.4	45
22	Targeting synaptic pathology with a novel affinity mass spectrometry approach. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 2584-92	7.6	22
21	Targeting the unfolded protein response in neurodegeneration: A new approach to therapy. <i>Neuropharmacology</i> , 2014 , 76 Pt A, 169-74	5.5	80
20	Spreading proteins in neurodegeneration: where do they take us?. <i>Brain</i> , 2013 , 136, 994-5	11.2	9
19	Oral treatment targeting the unfolded protein response prevents neurodegeneration and clinical disease in prion-infected mice. <i>Science Translational Medicine</i> , 2013 , 5, 206ra138	17.5	393
18	Targeted knock-down of cellular prion protein expression in myelinating Schwann cells does not alter mouse prion pathogenesis. <i>Journal of General Virology</i> , 2013 , 94, 1435-1440	4.9	4
17	miRNAs-19b, -29b-2* and -339-5p show an early and sustained up-regulation in ischemic models of stroke. <i>PLoS ONE</i> , 2013 , 8, e83717	3.7	30
16	Sustained translational repression by eIF2 β mediates prion neurodegeneration. <i>Nature</i> , 2012 , 485, 507-11	50.4	445

15	Rescuing neurons in prion disease. <i>Biochemical Journal</i> , 2011 , 433, 19-29	3.8	17
14	Dysfunction and recovery of synapses in prion disease: implications for neurodegeneration. <i>Biochemical Society Transactions</i> , 2010 , 38, 482-7	5.1	12
13	The role of GPI-anchored PrP C in mediating the neurotoxic effect of scrapie prions in neurons. <i>Current Issues in Molecular Biology</i> , 2010 , 12, 119-27	2.9	20
12	Prion neurodegeneration: starts and stops at the synapse. <i>Prion</i> , 2009 , 3, 195-201	2.3	46
11	Therapy for prion diseases: Insights from the use of RNA interference. <i>Prion</i> , 2009 , 3, 121-8	2.3	18
10	RNAi for the treatment of prion disease: a window for intervention in neurodegeneration?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2009 , 8, 342-52	2.6	14
9	Single treatment with RNAi against prion protein rescues early neuronal dysfunction and prolongs survival in mice with prion disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10238-43	11.5	137
8	Targeting cellular prion protein reverses early cognitive deficits and neurophysiological dysfunction in prion-infected mice. <i>Neuron</i> , 2007 , 53, 325-35	13.9	204
7	Nerve injury induces robust allodynia and ectopic discharges in Nav1.3 null mutant mice. <i>Molecular Pain</i> , 2006 , 2, 33	3.4	119
6	Rational targeting for prion therapeutics. <i>Nature Reviews Neuroscience</i> , 2005 , 6, 23-34	13.5	72
5	Update on Creutzfeldt-Jakob disease. <i>Current Opinion in Neurology</i> , 2004 , 17, 641-7	7.1	17
4	Depleting neuronal PrP in prion infection prevents disease and reverses spongiosis. <i>Science</i> , 2003 , 302, 871-4	33.3	578
3	Post-natal knockout of prion protein alters hippocampal CA1 properties, but does not result in neurodegeneration. <i>EMBO Journal</i> , 2002 , 21, 202-10	13	290
2	Neuropsychiatric presentations of prion disease. <i>Current Opinion in Psychiatry</i> , 1997 , 10, 59-62	4.9	2
1	Cognitive Impairment and Dementia245-288		3