

Annagrazia Adornetto

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,319
citations

236925

25
h-index

265206

42
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42
all docs

42
docs citations

42
times ranked

6340
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	1,430
2	Calpain-mediated cleavage of Beclin-1 and autophagy deregulation following retinal ischemic injury in vivo. <i>Cell Death and Disease</i> , 2011, 2, e144-e144.	6.3	161
3	Mitochondrial AKAP121 Links cAMP and src Signaling to Oxidative Metabolism. <i>Molecular Biology of the Cell</i> , 2006, 17, 263-271.	2.1	140
4	Targeted Disruption of Na ⁺ /Ca ²⁺ Exchanger 3 (NCX3) Gene Leads to a Worsening of Ischemic Brain Damage. <i>Journal of Neuroscience</i> , 2008, 28, 1179-1184.	3.6	125
5	BHK cells transfected with NCX3 are more resistant to hypoxia followed by reoxygenation than those transfected with NCX1 and NCX2: Possible relationship with mitochondrial membrane potential. <i>Cell Calcium</i> , 2007, 42, 521-535.	2.4	95
6	Retinal ganglion cell death in glaucoma: Exploring the role of neuroinflammation. <i>European Journal of Pharmacology</i> , 2016, 787, 134-142.	3.5	89
7	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. <i>Cell Death and Disease</i> , 2018, 9, 981.	6.3	89
8	Proteolysis of AKAP121 regulates mitochondrial activity during cellular hypoxia and brain ischaemia. <i>EMBO Journal</i> , 2008, 27, 1073-1084.	7.8	87
9	Neuroinflammation as a target for glaucoma therapy. <i>Neural Regeneration Research</i> , 2019, 14, 391.	3.0	85
10	Up-Regulation and Increased Activity of KV3.4 Channels and Their Accessory Subunit MinK-Related Peptide 2 Induced by Amyloid Peptide Are Involved in Apoptotic Neuronal Death. <i>Molecular Pharmacology</i> , 2007, 72, 665-673.	2.3	75
11	Anoxia-Induced NF- κ B-Dependent Upregulation of NCX1 Contributes to Ca ²⁺ Refilling Into Endoplasmic Reticulum in Cortical Neurons. <i>Stroke</i> , 2009, 40, 922-929.	2.0	75
12	NCX3 regulates mitochondrial calcium handling through AKAP121-anchored signaling complex and prevents hypoxia-induced cell death. <i>Journal of Cell Science</i> , 2013, 126, 5566-77.	2.0	64
13	Early and Late Events Induced by PolyQ-expanded Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 4727-4741.	3.4	59
14	New Trends in Migraine Pharmacology: Targeting Calcitonin Gene-Related Peptide (CGRP) With Monoclonal Antibodies. <i>Frontiers in Pharmacology</i> , 2019, 10, 363.	3.5	59
15	NO-induced neuroprotection in ischemic preconditioning stimulates mitochondrial Mn-SOD activity and expression via RAS/ERK1/2 pathway. <i>Journal of Neurochemistry</i> , 2007, 103, 1472-1480.	3.9	52
16	Role of D-Limonene in Autophagy Induced by Bergamot Essential Oil in SH-SY5Y Neuroblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e113682.	2.5	44
17	ncx1, ncx2, and ncx3 Gene Product Expression and Function in Neuronal Anoxia and Brain Ischemia. <i>Annals of the New York Academy of Sciences</i> , 2007, 1099, 413-426.	3.8	41
18	Involvement of the nitric oxide/protein kinase G pathway in polychlorinated biphenyl-induced cell death in SH-SY 5Y neuroblastoma cells. <i>Journal of Neuroscience Research</i> , 2006, 84, 692-697.	2.9	37

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19	A Critical Role for the Potassium-Dependent Sodium-Calcium Exchanger NCKX2 in Protection against Focal Ischemic Brain Damage. <i>Journal of Neuroscience</i> , 2008, 28, 2053-2063.	3.6	37
20	Divergent modulation of iron regulatory proteins and ferritin biosynthesis by hypoxia/reoxygenation in neurones and glial cells. <i>Journal of Neurochemistry</i> , 2005, 95, 1321-1331.	3.9	35
21	Natural Products: Evidence for Neuroprotection to Be Exploited in Glaucoma. <i>Nutrients</i> , 2020, 12, 3158.	4.1	35
22	Protease Nexin-1 affects the migration and invasion of C6 glioma cells through the regulation of urokinase Plasminogen Activator and Matrix Metalloproteinase-9/2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2631-2644.	4.1	33
23	Intravitreal injection of forskolin, homotaurine, and L-carnosine affords neuroprotection to retinal ganglion cells following retinal ischemic injury. <i>Molecular Vision</i> , 2015, 21, 718-29.	1.1	30
24	The Role of Autophagy in Glaucomatous Optic Neuropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 121.	3.7	29
25	Development and Translation of NanoBEO, a Nanotechnology-Based Delivery System of Bergamot Essential Oil Deprived of Furocoumarins, in the Control of Agitation in Severe Dementia. <i>Pharmaceutics</i> , 2021, 13, 379.	4.5	27
26	Anxiolytic-Like Effects of Bergamot Essential Oil Are Insensitive to Flumazenil in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-6.	1.2	26
27	In search of new targets for retinal neuroprotection: is there a role for autophagy?. <i>Current Opinion in Pharmacology</i> , 2013, 13, 72-77.	3.5	25
28	Impairment of Neuronal Glutamate Uptake and Modulation of the Glutamate Transporter GLT-1 Induced by Retinal Ischemia. <i>PLoS ONE</i> , 2013, 8, e69250.	2.5	23
29	Early LC3 lipidation induced by d-limonene does not rely on mTOR inhibition, ERK activation and ROS production and it is associated with reduced clonogenic capacity of SH-SY5Y neuroblastoma cells. <i>Phytomedicine</i> , 2018, 40, 98-105.	5.3	22
30	Pattern of triptans use: a retrospective prescription study in Calabria, Italy. <i>Neural Regeneration Research</i> , 2020, 15, 1340.	3.0	21
31	Cigarette Smoke Condensate Causes a Decrease of the Gene Expression of Cu-Zn Superoxide Dismutase, Mn Superoxide Dismutase, Glutathione Peroxidase, Catalase, and Free Radical-Induced Cell Injury in SH-SY5Y Human Neuroblastoma Cells. <i>Neurotoxicity Research</i> , 2011, 19, 49-54.	2.7	20
32	Rational Basis for the Use of Bergamot Essential Oil in Complementary Medicine to Treat Chronic Pain. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 721-728.	2.4	20
33	Rational Basis for Nutraceuticals in the Treatment of Glaucoma. <i>Current Neuropharmacology</i> , 2018, 16, 1004-1017.	2.9	20
34	Polychlorinated biphenyls impair dibutyryl cAMP-induced astrocytic differentiation in rat C6 glial cell line. <i>FEBS Open Bio</i> , 2013, 3, 459-466.	2.3	17
35	The Na ⁺ /Ca ²⁺ Exchanger Isoform 3 (NCX3) but Not Isoform 2 (NCX2) and 1 (NCX1) Singly Transfected in BHK Cells Plays a Protective Role in a Model of in Vitro Hypoxia. <i>Annals of the New York Academy of Sciences</i> , 2007, 1099, 481-485.	3.8	16
36	Autophagy: A Novel Pharmacological Target in Diabetic Retinopathy. <i>Frontiers in Pharmacology</i> , 2021, 12, 695267.	3.5	16

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37	Post-ischemic treatment with azithromycin protects ganglion cells against retinal ischemia/reperfusion injury in the rat. <i>Molecular Vision</i> , 2017, 23, 911-921.	1.1	16
38	Caspase-1-independent Maturation of IL-1 β in Ischemic Brain Injury: is there a Role for Gelatinases?. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 729-737.	2.4	15
39	Dibutyl cAMP- or Interleukin-6-induced astrocytic differentiation enhances mannose binding lectin (MBL)-associated serine protease (MASP)-1/3 expression in C6 glioma cells. <i>Archives of Biochemistry and Biophysics</i> , 2018, 653, 39-49.	3.0	11
40	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. <i>Scientific Reports</i> , 2019, 9, 4881.	3.3	11
41	Effects of caloric restriction on retinal aging and neurodegeneration. <i>Progress in Brain Research</i> , 2020, 256, 189-207.	1.4	4
42	The promise of neuroprotection by dietary restriction in glaucoma. <i>Neural Regeneration Research</i> , 2022, 17, 45.	3.0	3