Rossella Russo

List of Publications by Year
in descending order

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65 papers	10,465 citations	159585 30 h-index	106344 65 g-index
66 all docs	66 docs citations	66 times ranked	23058 citing authors

#	Article	IF	Citations
1	The promise of neuroprotection by dietary restriction in glaucoma. Neural Regeneration Research, 2022, 17, 45.	3.0	3
2	Imaging biomarkers for Alzheimerâ€™s disease and glaucoma: Current and future practices. Current Opinion in Pharmacology, 2022, 62, 137-144.	3.5	5
3	Development and Translation of NanoBEO, a Nanotechnology-Based Delivery System of Bergamot Essential Oil Deprived of Furocumarins, in the Control of Agitation in Severe Dementia. Pharmaceutics, 2021, 13, 379.	4.5	27
4	Chitosan Membranes Filled with Cyclosporine A as Possible Devices for Local Administration of Drugs in the Treatment of Breast Cancer. Molecules, 2021, 26, 1889.	3.8	13
5	Autophagy: A Novel Pharmacological Target in Diabetic Retinopathy. Frontiers in Pharmacology, 2021, 12, 695267.	3.5	16
6	Effects of the autophagy modulators d-limonene and chloroquine on vimentin levels in SH-SY5Y cells. Biochemical and Biophysical Research Communications, 2020, 533, 764-769.	2.1	4
7	Uncovering the Exosomes Diversity: A Window of Opportunity for Tumor Progression Monitoring. Pharmaceuticals, 2020, 13, 180.	3.8	31
8	Natural Products: Evidence for Neuroprotection to Be Exploited in Glaucoma. Nutrients, 2020, 12, 3158.	4.1	35
9	The Role of Autophagy in Glaucomatous Optic Neuropathy. Frontiers in Cell and Developmental Biology, 2020, 8, 121.	3.7	29
10	Effects of caloric restriction on retinal aging and neurodegeneration. Progress in Brain Research, 2020, 256, 189-207.	1.4	4
11	Impact of nutraceuticals on glaucoma: A systematic review. Progress in Brain Research, 2020, 257, 141-154.	1.4	15
12	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. Scientific Reports, 2019, 9, 4881.	3.3	11
13	Solid lipid nanoparticles made of trehalose monooleate for cyclosporin-A topic release. Journal of Drug Delivery Science and Technology, 2019, 49, 563-569.	3.0	25
14	Neuroinflammation as a target for glaucoma therapy. Neural Regeneration Research, 2019, 14, 391.	3.0	85
15	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. Phytomedicine, 2018, 40, 98-105.	5.3	22
16	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. Cell Death and Disease, 2018, 9, 981.	6.3	89
17	Glaucoma: In Search of Better Neurotherapeutics. Current Neuropharmacology, 2018, 16, 902-902.	2.9	0
18	Rational Basis for Nutraceuticals in the Treatment of Glaucoma. Current Neuropharmacology, 2018, 16, 1004-1017.	2.9	20

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19	Adipose Derived Stem Cells for Corneal Wound Healing after Laser Induced Corneal Lesions in Mice. Journal of Clinical Medicine, 2017, 6, 115.	2.4	28
20	Post-ischemic treatment with azithromycin protects ganglion cells against retinal ischemia/reperfusion injury in the rat. Molecular Vision, 2017, 23, 911-921.	1.1	16
21	Retinal ganglion cell death in glaucoma: Exploring the role of neuroinflammation. European Journal of Pharmacology, 2016, 787, 134-142.	3.5	89
22	New strategies for neuroprotection in glaucoma, a disease that affects the central nervous system. European Journal of Pharmacology, 2016, 787, 119-126.	3.5	39
23	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
24	Caspase-1-independent Maturation of IL-1? in Ischemic Brain Injury: is there a Role for Gelatinases?. Mini-Reviews in Medicinal Chemistry, 2016, 16, 729-737.	2.4	15
25	Rational Basis for the Use of Bergamot Essential Oil in Complementary Medicine to Treat Chronic Pain. Mini-Reviews in Medicinal Chemistry, 2016, 16, 721-728.	2.4	20
26	Natural compounds and retinal ganglion cell neuroprotection. Progress in Brain Research, 2015, 220, 257-281.	1.4	18
27	Links among glaucoma, neurodegenerative, and vascular diseases of the central nervous system. Progress in Brain Research, 2015, 221, 49-65.	1.4	63
28	Exploitation of Cytotoxicity of Some Essential Oils for Translation in Cancer Therapy. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	93
29	Autophagy dysregulation and the fate of retinal ganglion cells in glaucomatous optic neuropathy. Progress in Brain Research, 2015, 220, 87-105.	1.4	31
30	Spinal Autophagy is Differently Modulated in Distinct Mouse Models of Neuropathic Pain. Molecular Pain, 2015, 11, 1744-8069-11-3.	2.1	54
31	Intravitreal injection of forskolin, homotaurine, and L-carnosine affords neuroprotection to retinal ganglion cells following retinal ischemic injury. Molecular Vision, 2015, 21, 718-29.	1.1	30
32	Role of D-Limonene in Autophagy Induced by Bergamot Essential Oil in SH-SY5Y Neuroblastoma Cells. PLoS ONE, 2014, 9, e113682.	2.5	44
33	Early reperfusion injury is associated to MMP2 and IL-1Î² elevation in cortical neurons of rats subjected to middle cerebral artery occlusion. Neuroscience, 2014, 277, 755-763.	2.3	27
34	CCR5 Knockout Prevents Neuronal Injury and Behavioral Impairment Induced in a Transgenic Mouse Model by a CXCR4-Using HIV-1 Glycoprotein 120. Journal of Immunology, 2014, 193, 1895-1910.	0.8	70
35	Implication of limonene and linalyl acetate in cytotoxicity induced by bergamot essential oil in human neuroblastoma cells. FÃ¬toterapÃ¬Ã¢, 2013, 89, 48-57.	2.2	61
36	Human Adipose-Derived Stem Cells for the Treatment of Chemically Burned Rat Cornea: Preliminary Results. Current Eye Research, 2013, 38, 451-463.	1.5	39

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37	Brain involvement in glaucoma: advanced neuroimaging for understanding and monitoring a new target for therapy. Current Opinion in Pharmacology, 2013, 13, 128-133.	3.5	61
38	In search of new targets for retinal neuroprotection: is there a role for autophagy?. Current Opinion in Pharmacology, 2013, 13, 72-77.	3.5	25
39	Impairment of Neuronal Glutamate Uptake and Modulation of the Glutamate Transporter GLT-1 Induced by Retinal Ischemia. PLoS ONE, 2013, 8, e69250.	2.5	23
40	Increased malondialdehyde concentration and reduced total antioxidant capacity in aqueous humor and blood samples from patients with glaucoma. Molecular Vision, 2013, 19, 1841-6.	1.1	63
41	Death in pain: peripheral nerve injury and spinal neurodegenerative mechanisms. Current Opinion in Pharmacology, 2012, 12, 49-54.	3.5	5
42	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
43	Genetic Knockouts Suggest a Critical Role for HIV Co-Receptors in Models of HIV gp120-Induced Brain Injury. Journal of NeuroImmune Pharmacology, 2012, 7, 306-318.	4.1	24
44	Isobaric tagging-based quantification by mass spectrometry of differentially regulated proteins in synaptosomes of HIV/gp120 transgenic mice: Implications for HIV-associated neurodegeneration. Experimental Neurology, 2012, 236, 298-306.	4.1	17
45	Toxic profile of bergamot essential oil on survival and proliferation of SH-SY5Y neuroblastoma cells. Food and Chemical Toxicology, 2011, 49, 2780-2792.	3.6	24
46	Autophagy Impairment in a Mouse Model of Neuropathic Pain. Molecular Pain, 2011, 7, 1744-8069-7-83.	2.1	71
47	Neuroprotection by leptin in a rat model of permanent cerebral ischemia: effects on STAT3 phosphorylation in discrete cells of the brain. Cell Death and Disease, 2011, 2, e238-e238.	6.3	45
48	Calpain-mediated cleavage of Beclin-1 and autophagy deregulation following retinal ischemic injury in vivo. Cell Death and Disease, 2011, 2, e144-e144.	6.3	161
49	Neuropharmacology of the essential oil of bergamot. FÃ¬toterapÃ¬Ã¢, 2010, 81, 453-461.	2.2	100
50	Erythropoietin plus insulinâ€like growth factorâ€I protects against neuronal damage in a murine model of human immunodeficiency virusâ€associated neurocognitive disorders. Annals of Neurology, 2010, 68, 342-352.	5.3	54
51	Chapter 17 (â€“)â€Linalool Attenuates Allodynia in Neuropathic Pain Induced by Spinal Nerve Ligation in C57/Bl6 Mice. International Review of Neurobiology, 2009, 85, 221-235.	2.0	34
52	Chapter 28 Identification of Novel Pharmacological Targets to Minimize Excitotoxic Retinal Damage. International Review of Neurobiology, 2009, 85, 407-423.	2.0	28
53	Modulation of proâ€survival and deathâ€associated pathways under retinal ischemia/reperfusion: effects of NMDA receptor blockade. Journal of Neurochemistry, 2008, 107, 1347-1357.	3.9	47
54	Rational basis for the development of coenzyme Q10 as a neurotherapeutic agent for retinal protection. Progress in Brain Research, 2008, 173, 575-582.	1.4	57

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55	17Î²-Estradiol prevents retinal ganglion cell loss induced by acute rise of intraocular pressure in rat. Progress in Brain Research, 2008, 173, 583-590.	1.4	71
56	Evidence Implicating Matrix Metalloproteinases in the Mechanism Underlying Accumulation of ILâ€1Î² and Neuronal Apoptosis in the Neocortex of HIV/gp120â€Exposed Rats. International Review of Neurobiology, 2007, 82, 407-421.	2.0	22
57	Early Upregulation of Matrix Metalloproteinases Following Reperfusion Triggers Neuroinflammatory Mediators in Brain Ischemia in Rat. International Review of Neurobiology, 2007, 82, 149-169.	2.0	52
58	HIV/gp120 Decreases Adult Neural Progenitor Cell Proliferation via Checkpoint Kinase-Mediated Cell-Cycle Withdrawal and G1 Arrest. Cell Stem Cell, 2007, 1, 230-236.	11.1	125
59	Cell signaling pathways in the mechanisms of neuroprotection afforded by bergamot essential oil against NMDA-induced cell death in vitro. British Journal of Pharmacology, 2007, 151, 518-529.	5.4	85
60	Neuroprotection by the caspase-1 inhibitor Ac-YVAD-(acyloxy)mk in experimental neuroAIDS is independent from IL-1Î² generation. Cell Death and Differentiation, 2005, 12, 999-1001.	11.2	15
61	17Î²-Estradiol Protects SH-SY5Y Cells Against HIV-1 gp120-Induced Cell Death: Evidence for a Role of Estrogen Receptors. NeuroToxicology, 2005, 26, 905-913.	3.0	21
62	17Î²-Estradiol Reduces Neuronal Apoptosis Induced by HIV-1 gp120 in the Neocortex of Rat. NeuroToxicology, 2005, 26, 893-903.	3.0	29
63	From clinical evidence to molecular mechanisms underlying neuroprotection afforded by estrogens. Pharmacological Research, 2005, 52, 119-132.	7.1	180
64	Evidence for a role of protein tyrosine kinases in cell death induced by gp120 in CHP100 neuroblastoma cells. Toxicology Letters, 2003, 139, 207-211.	0.8	3
65	Caspase-1 inhibitors abolish deleterious enhancement of COX-2 expression induced by HIV-1 gp120 in human neuroblastoma cells. Toxicology Letters, 2003, 139, 213-219.	0.8	22