Rossella Russo

List of Publications by Year in Descending Order

64 papers	8,672 citations	28 h-index	66 g-index
66 ext. papers	9,647 ext. citations	5.2 avg, IF	4.6 L-index

#	Paper	IF	Citations
64	Imaging biomarkers for Alzheimer's disease and glaucoma: Current and future practices.. *Current Opinion in Pharmacology*, **2022**, 62, 137-144	5.1	0
63	The promise of neuroprotection by dietary restriction in glaucoma. *Neural Regeneration Research*, **2022**, 17, 45-47	4.5	1
62	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,	6.4	11
61	Chitosan Membranes Filled with Cyclosporine A as Possible Devices for Local Administration of Drugs in the Treatment of Breast Cancer. *Molecules*, **2021**, 26,	4.8	5
60	Autophagy: A Novel Pharmacological Target in Diabetic Retinopathy. *Frontiers in Pharmacology*, **2021**, 12, 695267	5.6	1
59	Natural Products: Evidence for Neuroprotection to Be Exploited in Glaucoma. *Nutrients*, **2020**, 12,	6.7	8
58	The Role of Autophagy in Glaucomatous Optic Neuropathy. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 121	5.7	14
57	Effects of caloric restriction on retinal aging and neurodegeneration. *Progress in Brain Research*, **2020**, 256, 189-207	2.9	4
56	Impact of nutraceuticals on glaucoma: A systematic review. *Progress in Brain Research*, **2020**, 257, 141-154	2.9	6
55	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	3.4	2
54	Uncovering the Exosomes Diversity: A Window of Opportunity for Tumor Progression Monitoring. *Pharmaceuticals*, **2020**, 13,	5.2	26
53	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. *Scientific Reports*, **2019**, 9, 4881	4.9	8
52	Neuroinflammation as a target for glaucoma therapy. *Neural Regeneration Research*, **2019**, 14, 391-394	4.5	50
51	Solid lipid nanoparticles made of trehalose monooleate for cyclosporin-A topic release. *Journal of Drug Delivery Science and Technology*, **2019**, 49, 563-569	4.5	15
50	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	6.5	16
49	Rational Basis for Nutraceuticals in the Treatment of Glaucoma. *Current Neuropharmacology*, **2018**, 16, 1004-1017	7.6	14
48	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. *Cell Death and Disease*, **2018**, 9, 981	9.8	53

47	Adipose Derived Stem Cells for Corneal Wound Healing after Laser Induced Corneal Lesions in Mice. *Journal of Clinical Medicine*, **2017**, 6,	5.1	20
46	Post-ischemic treatment with azithromycin protects ganglion cells against retinal ischemia/reperfusion injury in the rat. *Molecular Vision*, **2017**, 23, 911-921	2.3	16
45	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
44	Caspase-1-independent Maturation of IL-1 In Ischemic Brain Injury: is there a Role for Gelatinases?. *Mini-Reviews in Medicinal Chemistry*, **2016**, 16, 729-37	3.2	10
43	Rational Basis for the Use of Bergamot Essential Oil in Complementary Medicine to Treat Chronic Pain. *Mini-Reviews in Medicinal Chemistry*, **2016**, 16, 721-8	3.2	15
42	Retinal ganglion cell death in glaucoma: Exploring the role of neuroinflammation. *European Journal of Pharmacology*, **2016**, 787, 134-42	5.3	59
41	New strategies for neuroprotection in glaucoma, a disease that affects the central nervous system. *European Journal of Pharmacology*, **2016**, 787, 119-26	5.3	29
40	Autophagy dysregulation and the fate of retinal ganglion cells in glaucomatous optic neuropathy. *Progress in Brain Research*, **2015**, 220, 87-105	2.9	24
39	Spinal autophagy is differently modulated in distinct mouse models of neuropathic pain. *Molecular Pain*, **2015**, 11, 3	3.4	39
38	Natural compounds and retinal ganglion cell neuroprotection. *Progress in Brain Research*, **2015**, 220, 257-81	2.9	12
37	Links among glaucoma, neurodegenerative, and vascular diseases of the central nervous system. *Progress in Brain Research*, **2015**, 221, 49-65	2.9	42
36	Exploitation of cytotoxicity of some essential oils for translation in cancer therapy. *Evidence-based Complementary and Alternative Medicine*, **2015**, 2015, 397821	2.3	59
35	Intravitreal injection of forskolin, homotaurine, and L-carnosine affords neuroprotection to retinal ganglion cells following retinal ischemic injury. *Molecular Vision*, **2015**, 21, 718-29	2.3	29
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, 1895-910	5.3	54
33	Role of D-Limonene in autophagy induced by bergamot essential oil in SH-SY5Y neuroblastoma cells. *PLoS ONE*, **2014**, 9, e113682	3.7	32
32	Early reperfusion injury is associated to MMP2 and IL-1 elevation in cortical neurons of rats subjected to middle cerebral artery occlusion. *Neuroscience*, **2014**, 277, 755-63	3.9	25
31	Implication of limonene and linalyl acetate in cytotoxicity induced by bergamot essential oil in human neuroblastoma cells. *Fitoterap* **2013**, 89, 48-57	3.2	51
30	Human adipose-derived stem cells for the treatment of chemically burned rat cornea: preliminary results. *Current Eye Research*, **2013**, 38, 451-63	2.9	32

29	Brain involvement in glaucoma: advanced neuroimaging for understanding and monitoring a new target for therapy. *Current Opinion in Pharmacology*, **2013**, 13, 128-33	5.1	52
28	In search of new targets for retinal neuroprotection: is there a role for autophagy?. *Current Opinion in Pharmacology*, **2013**, 13, 72-7	5.1	24
27	Impairment of neuronal glutamate uptake and modulation of the glutamate transporter GLT-1 induced by retinal ischemia. *PLoS ONE*, **2013**, 8, e69250	3.7	18
26	Increased malondialdehyde concentration and reduced total antioxidant capacity in aqueous humor and blood samples from patients with glaucoma. *Molecular Vision*, **2013**, 19, 1841-6	2.3	49
25	Death in pain: peripheral nerve injury and spinal neurodegenerative mechanisms. *Current Opinion in Pharmacology*, **2012**, 12, 49-54	5.1	3
24	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
23	Genetic knockouts suggest a critical role for HIV co-receptors in models of HIV gp120-induced brain injury. *Journal of NeuroImmune Pharmacology*, **2012**, 7, 306-18	6.9	20
22	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	5.7	17
21	Toxic profile of bergamot essential oil on survival and proliferation of SH-SY5Y neuroblastoma cells. *Food and Chemical Toxicology*, **2011**, 49, 2780-92	4.7	22
20	Autophagy impairment in a mouse model of neuropathic pain. *Molecular Pain*, **2011**, 7, 83	3.4	59
19	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	9.8	40
18	Calpain-mediated cleavage of Beclin-1 and autophagy deregulation following retinal ischemic injury in vivo. *Cell Death and Disease*, **2011**, 2, e144	9.8	142
17	Neuropharmacology of the essential oil of bergamot. *Fitoterapia*, **2010**, 81, 453-61	3.2	81
16	Erythropoietin plus insulin-like growth factor-I protects against neuronal damage in a murine model of human immunodeficiency virus-associated neurocognitive disorders. *Annals of Neurology*, **2010**, 68, 342-52	9.4	44
15	(-)-Linalool attenuates allodynia in neuropathic pain induced by spinal nerve ligation in c57/bl6 mice. *International Review of Neurobiology*, **2009**, 85, 221-35	4.4	26
14	Identification of novel pharmacological targets to minimize excitotoxic retinal damage. *International Review of Neurobiology*, **2009**, 85, 407-23	4.4	24
13	Modulation of pro-survival and death-associated pathways under retinal ischemia/reperfusion: effects of NMDA receptor blockade. *Journal of Neurochemistry*, **2008**, 107, 1347-57	6	42
12	Rational basis for the development of coenzyme Q10 as a neurotherapeutic agent for retinal protection. *Progress in Brain Research*, **2008**, 173, 575-82	2.9	48

11	17Beta-estradiol prevents retinal ganglion cell loss induced by acute rise of intraocular pressure in rat. *Progress in Brain Research*, **2008**, 173, 583-90	2.9	58
10	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, 518-29	8.6	77
9	Evidence implicating matrix metalloproteinases in the mechanism underlying accumulation of IL-1beta and neuronal apoptosis in the neocortex of HIV/gp120-exposed rats. *International Review of Neurobiology*, **2007**, 82, 407-21	4.4	18
8	Early upregulation of matrix metalloproteinases following reperfusion triggers neuroinflammatory mediators in brain ischemia in rat. *International Review of Neurobiology*, **2007**, 82, 149-69	4.4	48
7	HIV/gp120 decreases adult neural progenitor cell proliferation via checkpoint kinase-mediated cell-cycle withdrawal and G1 arrest. *Cell Stem Cell*, **2007**, 1, 230-6	18	106
6	17beta-estradiol protects SH-SY5Y Cells against HIV-1 gp120-induced cell death: evidence for a role of estrogen receptors. *NeuroToxicology*, **2005**, 26, 905-13	4.4	17
5	17beta-estradiol reduces neuronal apoptosis induced by HIV-1 gp120 in the neocortex of rat. *NeuroToxicology*, **2005**, 26, 893-903	4.4	26
4	From clinical evidence to molecular mechanisms underlying neuroprotection afforded by estrogens. *Pharmacological Research*, **2005**, 52, 119-32	10.2	163
3	Neuroprotection by the caspase-1 inhibitor Ac-YVAD-(acyloxy)mk in experimental neuroAIDS is independent from IL-1beta generation. *Cell Death and Differentiation*, **2005**, 12 Suppl 1, 999-1001	12.7	13
2	Evidence for a role of protein tyrosine kinases in cell death induced by gp120 in CHP100 neuroblastoma cells. *Toxicology Letters*, **2003**, 139, 207-11	4.4	3
1	Caspase-1 inhibitors abolish deleterious enhancement of COX-2 expression induced by HIV-1 gp120 in human neuroblastoma cells. *Toxicology Letters*, **2003**, 139, 213-9	4.4	22