Diana Amantea

List of Publications by Year
in descending order

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Version: 2024-02-01

67 papers	2,466 citations	218677 26 h-index	206112 48 g-index
68 all docs	68 docs citations	68 times ranked	3675 citing authors

#	Article	IF	Citations
1	Systemic administration of sunflower oil exerts neuroprotection in a mouse model of transient focal cerebral ischaemia. Journal of Pharmacy and Pharmacology, 2022, 74, 1776-1783.	2.4	6
2	Ischemic Preconditioning Modulates the Peripheral Innate Immune System to Promote Anti-Inflammatory and Protective Responses in Mice Subjected to Focal Cerebral Ischemia. Frontiers in Immunology, 2022, 13, 825834.	4.8	8
3	Encapsulation of Alpha-Lipoic Acid in Functional Hybrid Liposomes: Promising Tool for the Reduction of Cisplatin-Induced Ototoxicity. Pharmaceuticals, 2022, 15, 394.	3.8	7
4	Characterization of CB2 Receptor Expression in Peripheral Blood Monocytes of Acute Ischemic Stroke Patients. Translational Stroke Research, 2021, 12, 550-558.	4.2	13
5	Neuroprotection Following Stroke. , 2021, , .		0
6	Combining Dextran Conjugates with Stimuli-Responsive and Folate-Targeting Activity: A New Class of Multifunctional Nanoparticles for Cancer Therapy. Nanomaterials, 2021, 11, 1108.	4.1	11
7	CD163 as a Potential Biomarker of Monocyte Activation in Ischemic Stroke Patients. International Journal of Molecular Sciences, 2021, 22, 6712.	4.1	11
8	Plasma Membrane and Organellar Targets of STIM1 for Intracellular Calcium Handling in Health and Neurodegenerative Diseases. Cells, 2021, 10, 2518.	4.1	6
9	Self-assembling Dextran prodrug for redox- and pH-responsive co-delivery of therapeutics in cancer cells. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110537.	5.0	26
10	Modulation of Cerebral Store-operated Calcium Entry-regulatory Factor (SARAF) and Peripheral Orai1 Following Focal Cerebral Ischemia and Preconditioning in Mice. Neuroscience, 2020, 441, 8-21.	2.3	16
11	Multicentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from the Italian Stroke Organization (ISO) Basic Science networkMulticentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from. BMJ Open Science, 2020, 44, e100063.	1.7	7
12	Azithromycin Affords Neuroprotection in Rat Undergone Transient Focal Cerebral Ischemia. Frontiers in Neuroscience, 2019, 13, 1256.	2.8	15
13	Anticholinergic burden and 1â€year mortality among older patients discharged from acute care hospital. Geriatrics and Gerontology International, 2018, 18, 705-713.	1.5	23
14	Facile synthesis of pH-responsive polymersomes based on lipidized PEG for intracellular co-delivery of curcumin and methotrexate. Colloids and Surfaces B: Biointerfaces, 2018, 167, 568-576.	5.0	16
15	Endothelial nitric oxide synthase inhibition triggers inflammatory responses in the brain of male rats exposed to ischemiaâ€reperfusion injury. Journal of Neuroscience Research, 2018, 96, 151-159.	2.9	23
16	Paradigm Shift to Neuroimmunomodulation for Translational Neuroprotection in Stroke. Frontiers in Neuroscience, 2018, 12, 241.	2.8	17
17	On the Role of Store-Operated Calcium Entry in Acute and Chronic Neurodegenerative Diseases. Frontiers in Molecular Neuroscience, 2018, 11, 87.	2.9	77
18	Polarization of Microglia/Macrophages in Brain Ischaemia: Relevance for Stroke Therapy. Springer Series in Translational Stroke Research, 2017, , 303-328.	0.1	0

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19	Modulation of cerebral RAGE expression following nitric oxide synthase inhibition in rats subjected to focal cerebral ischemia. European Journal of Pharmacology, 2017, 800, 16-22.	3.5	11
20	Excitatory and inhibitory amino acid neurotransmitters in stroke: from neurotoxicity to ischemic tolerance. Current Opinion in Pharmacology, 2017, 35, 111-119.	3.5	58
21	Rescuing Ischemic Brain Injury by Targeting the Immune Response through Repositioned Drugs. , 2017, , 287-302.		0
22	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
23	Poly(ADP-ribose) polymerase is not involved in the neuroprotection exerted by azithromycin against ischemic stroke in mice. European Journal of Pharmacology, 2016, 791, 518-522.	3.5	16
24	Neuroprotective Properties of a Macrolide Antibiotic in a Mouse Model of Middle Cerebral Artery Occlusion: Characterization of the Immunomodulatory Effects and Validation of the Efficacy of Intravenous Administration. Assay and Drug Development Technologies, 2016, 14, 298-307.	1.2	21
25	Drug repurposing for immune modulation in acute ischemic stroke. Current Opinion in Pharmacology, 2016, 26, 124-130.	3.5	45
26	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. Experimental Neurology, 2016, 275, 116-125.	4.1	81
27	Editorial overview: Neurosciences: Brain and immunity: new targets for neuroprotection. Current Opinion in Pharmacology, 2016, 26, v-viii.	3.5	5
28	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
29	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
30	Polarizing the immune system towards neuroprotection in brain ischemia. Neural Regeneration Research, 2016, 11, 81.	3.0	4
31	Rational modulation of the innate immune system for neuroprotection in ischemic stroke. Frontiers in Neuroscience, 2015, 9, 147.	2.8	168
32	Activation of RXR/PPARÎ³ underlies neuroprotection by bexarotene in ischemic stroke. Pharmacological Research, 2015, 102, 298-307.	7.1	57
33	Drug repurposing and beyond: the fundamental role of pharmacology. Functional Neurology, 2015, 30, 79-81.	1.3	4
34	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
35	Neuroprotection by the PARP inhibitor PJ34 modulates cerebral and circulating RAGE levels in rats exposed to focal brain ischemia. European Journal of Pharmacology, 2014, 744, 91-97.	3.5	19
36	Proton Pump Inhibitors and Functional Decline in Older Adults Discharged From Acute Care Hospitals. Journal of the American Geriatrics Society, 2014, 62, 1110-1115.	2.6	23

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37	Understanding the Multifaceted Role of Inflammatory Mediators in Ischemic Stroke. Current Medicinal Chemistry, 2014, 21, 2098-2117.	2.4	34
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	Modulation of RAGE Isoforms Expression in the Brain and Plasma of Rats Exposed to Transient Focal Cerebral Ischemia. Neurochemical Research, 2012, 37, 1508-1516.	3.3	17
40	The Protective Role of Catalase against Cerebral Ischemia in Vitro and in Vivo. International Journal of Immunopathology and Pharmacology, 2011, 24, 735-747.	2.1	33
41	IkappaB-alpha expression following transient focal cerebral ischemia is modulated by nitric oxide. Brain Research, 2011, 1372, 145-151.	2.2	24
42	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
43	Temporal profile of vascular changes induced by systemic nitroglycerin in the meningeal and cortical districts. Cephalalgia, 2011, 31, 190-198.	3.9	36
44	Chemical and biological properties of toxic metals and use of chelating agents for the pharmacological treatment of metal poisoning. Archives of Toxicology, 2010, 84, 501-520.	4.2	95
45	Identification of distinct cellular pools of interleukin-1Î² during the evolution of the neuroinflammatory response induced by transient middle cerebral artery occlusion in the brain of rat. Brain Research, 2010, 1313, 259-269.	2.2	32
46	Neuropharmacology of the essential oil of bergamot. FÃ¬toterapÃ¬Ã¢, 2010, 81, 453-461.	2.2	100
47	Chapter 25 Oxidative Stress in Stroke Pathophysiology. International Review of Neurobiology, 2009, 85, 363-374.	2.0	31
48	Chapter 27 Prevention of Glutamate Accumulation and Upregulation of Phosphoâ€Akt may Account for Neuroprotection Afforded by Bergamot Essential Oil against Brain Injury Induced by Focal Cerebral Ischemia in Rat. International Review of Neurobiology, 2009, 85, 389-405.	2.0	27
49	Postâ€ischemic brain damage: pathophysiology and role of inflammatory mediators. FEBS Journal, 2009, 276, 13-26.	4.7	370
50	Brain regional and cellular localization of gelatinase activity in rat that have undergone transient middle cerebral artery occlusion. Neuroscience, 2008, 152, 8-17.	2.3	59
51	Methylprednisolone treatment delays remote cell death after focal brain lesion. Neuroscience, 2008, 154, 1267-1282.	2.3	34
52	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
53	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
54	Evidence to Implicate Early Modulation of Interleukinâ€1Î² Expression in the Neuroprotection Afforded by 17Î²â€Estradiol in Male Rats Undergone Transient Middle Cerebral Artery Occlusion. International Review of Neurobiology, 2007, 82, 357-372.	2.0	33

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55	Neuroprotective Effect of Nitroglycerin in a Rodent Model of Ischemic Stroke: Evaluation of Bclâ€2 Expression. International Review of Neurobiology, 2007, 82, 423-435.	2.0	21
56	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
57	Modulation of the endocannabinoid system by focal brain ischemia in the rat is involved in neuroprotection afforded by 17Î²â€estradiol. FEBS Journal, 2007, 274, 4464-4775.	4.7	51
58	Outcomes of a pharmacoepidemiological survey on the antibiotic treatment of uncomplicated acute cystitis in communityâ˜†. Pharmacological Research, 2006, 53, 193-196.	7.1	4
59	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
60	17Î²-Estradiol Reduces Neuronal Apoptosis Induced by HIV-1 gp120 in the Neocortex of Rat. NeuroToxicology, 2005, 26, 893-903.	3.0	29
61	From clinical evidence to molecular mechanisms underlying neuroprotection afforded by estrogens. Pharmacological Research, 2005, 52, 119-132.	7.1	180
62	Reduced inhibitory action of a GABAB receptor agonist on [3H]-dopamine release from rat ventral tegmental area in vitro after chronic nicotine administration. BMC Pharmacology, 2004, 4, 24.	0.4	19
63	Reduced G-protein coupling to the GABAB receptor in the nucleus accumbens and the medial prefrontal cortex of the rat after chronic treatment with nicotine. Neuroscience Letters, 2004, 355, 161-164.	2.1	16
64	Estradiol reduces cytochrome c translocation and minimizes hippocampal damage caused by transient global ischemia in rat. Neuroscience Letters, 2004, 368, 87-91.	2.1	53
65	The Tat antagonist neomycin B hexa-arginine conjugate inhibits gp-120-induced death of human neuroblastoma cells. Journal of Neurochemistry, 2003, 84, 1237-1245.	3.9	22
66	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
67	Drug repurposing and beyond: the fundamental role of pharmacology. Functional Neurology, 0, , .	1.3	1