

Maurizio Cammalleri

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,067
citations

430754

18
h-index

580701

25
g-index

53
all docs

53
docs citations

53
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Adrenergic System in a Mouse Model of Oxygen-Induced Retinopathy: Antiangiogenic Effects of β_2 -Adrenoreceptor Blockade. , 2011, 52, 155.		141
2	Autophagy-mediated neuroprotection induced by octreotide in an ex vivo model of early diabetic retinopathy. Pharmacological Research, 2018, 128, 167-178.	3.1	60
3	VEGF as a Survival Factor in Ex Vivo Models of Early Diabetic Retinopathy. , 2016, 57, 3066.		42
4	Antiangiogenic Role of Somatostatin Receptor 2 in a Model of Hypoxia-Induced Neovascularization in the Retina: Results from Transgenic Mice. , 2007, 48, 3480.		40
5	Somatostatin receptors differentially affect spontaneous epileptiform activity in mouse hippocampal slices. European Journal of Neuroscience, 2004, 20, 2711-2721.	1.2	39
6	Mechanisms underlying somatostatin receptor 2 downregulation of vascular endothelial growth factor expression in response to hypoxia in mouse retinal explants. Journal of Pathology, 2012, 226, 519-533.	2.1	39
7	Compensatory changes in the hippocampus of somatostatin knockout mice: upregulation of somatostatin receptor 2 and its function in the control of bursting activity and synaptic transmission. European Journal of Neuroscience, 2006, 23, 2404-2422.	1.2	37
8	The Beta Adrenergic Receptor Blocker Propranolol Counteracts Retinal Dysfunction in a Mouse Model of Oxygen Induced Retinopathy: Restoring the Balance between Apoptosis and Autophagy. Frontiers in Cellular Neuroscience, 2017, 11, 395.	1.8	34
9	Potential role of the methylation of VEGF gene promoter in response to hypoxia in oxygen-induced retinopathy: beneficial effect of the absence of AQP4. Journal of Cellular and Molecular Medicine, 2018, 22, 613-627.	1.6	32
10	Antiangiogenic Effectiveness of the Urokinase Receptor-Derived Peptide UPARANT in a Model of Oxygen-Induced Retinopathy. , 2015, 56, 2392.		31
11	Oxidative Stress Induces a VEGF Autocrine Loop in the Retina: Relevance for Diabetic Retinopathy. Cells, 2020, 9, 1452.	1.8	30
12	β_2 -Adrenoceptors as drug targets in melanoma: novel preclinical evidence for a role of β_2 -adrenoceptors. British Journal of Pharmacology, 2019, 176, 2496-2508.	2.7	28
13	A Dietary Combination of Forskolin with Homotaurine, Spearmint and B Vitamins Protects Injured Retinal Ganglion Cells in a Rodent Model of Hypertensive Glaucoma. Nutrients, 2020, 12, 1189.	1.7	27
14	Effects of Somatostatin Analogues on Retinal Angiogenesis in a Mouse Model of Oxygen-Induced Retinopathy: Involvement of the Somatostatin Receptor Subtype 2. , 2009, 50, 3596.		26
15	Association of the Somatostatin Analog Octreotide With Magnetic Nanoparticles for Intraocular Delivery: A Possible Approach for the Treatment of Diabetic Retinopathy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 144.	2.0	26
16	Acetyl-11-keto- β -boswellic acid reduces retinal angiogenesis in a mouse model of oxygen-induced retinopathy. Experimental Eye Research, 2015, 135, 67-80.	1.2	23
17	Inhibiting the urokinase-type plasminogen activator receptor system recovers STZ-induced diabetic nephropathy. Journal of Cellular and Molecular Medicine, 2019, 23, 1034-1049.	1.6	22
18	Vascular endothelial growth factor upregulation in the mouse hippocampus and its role in the control of epileptiform activity. European Journal of Neuroscience, 2011, 33, 482-498.	1.2	21

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19	Protective Effects of α 1/2 Adrenergic Receptor Deletion in a Model of Oxygen-Induced Retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 59-73.	3.3	21
20	Therapeutic Potential of Anti-Angiogenic Multitarget <i>N,O</i> -Sulfated <i>E. Coli</i> K5 Polysaccharide in Diabetic Retinopathy. <i>Diabetes</i> , 2015, 64, 2581-2592.	0.3	21
21	Association between polymorphisms of TAS2R16 and susceptibility to colorectal cancer. <i>BMC Gastroenterology</i> , 2017, 17, 104.	0.8	21
22	Further Evidence on Efficacy of Diet Supplementation with Fatty Acids in Ocular Pathologies: Insights from the EAE Model of Optic Neuritis. <i>Nutrients</i> , 2018, 10, 1447.	1.7	21
23	Lisosan G Protects the Retina from Neurovascular Damage in Experimental Diabetic Retinopathy. <i>Nutrients</i> , 2018, 10, 1932.	1.7	18
24	Diabetic Retinopathy in the Spontaneously Diabetic Torii Rat: Pathogenetic Mechanisms and Preventive Efficacy of Inhibiting the Urokinase-Type Plasminogen Activator Receptor System. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-18.	1.0	17
25	Protective Efficacy of a Dietary Supplement Based on Forskolin, Homotaurine, Spearmint Extract, and Group B Vitamins in a Mouse Model of Optic Nerve Injury. <i>Nutrients</i> , 2019, 11, 2931.	1.7	17
26	Fatty Acids Dietary Supplements Exert Anti-Inflammatory Action and Limit Ganglion Cell Degeneration in the Retina of the EAE Mouse Model of Multiple Sclerosis. <i>Nutrients</i> , 2018, 10, 325.	1.7	16
27	Molecular and Cellular Mechanisms Underlying Somatostatin-Based Signaling in Two Model Neural Networks, the Retina and the Hippocampus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2506.	1.8	15
28	A Topical Formulation of Melatonergic Compounds Exerts Strong Hypotensive and Neuroprotective Effects in a Rat Model of Hypertensive Glaucoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9267.	1.8	15
29	Decoupling Oxygen Tension From Retinal Vascularization as a New Perspective for Management of Retinopathy of Prematurity. New Opportunities From β -adrenoceptors. <i>Frontiers in Pharmacology</i> , 2022, 13, 835771.	1.6	15
30	The Urokinase Receptor-Derived Peptide UPARANT Recovers Dysfunctional Electroretinogram and Bloodâ€“Retinal Barrier Leakage in a Rat Model of Diabetes. , 2017, 58, 3138.		14
31	The urokinaseâ€“type plasminogen activator system as drug target in retinitis pigmentosa: New preâ€“clinical evidence in the rd10 mouse model. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5176-5192.	1.6	14
32	Involvement of the cAMP-dependent pathway in the reduction of epileptiform bursting caused by somatostatin in the mouse hippocampus. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 378, 563-577.	1.4	13
33	Functional effects of somatostatin receptor 1 activation on synaptic transmission in the mouse hippocampus. <i>Journal of Neurochemistry</i> , 2009, 111, 1466-1477.	2.1	12
34	β 3â€“Adrenoceptor, a novel player in the roundâ€“trip from neonatal diseases to cancer: Suggestive clues from embryo. <i>Medicinal Research Reviews</i> , 2022, 42, 1179-1201.	5.0	11
35	Efficacy of a Fatty Acids Dietary Supplement in a Polyethylene Glycol-Induced Mouse Model of Retinal Degeneration. <i>Nutrients</i> , 2017, 9, 1079.	1.7	10
36	Effects of Topical Gabapentin on Ocular Pain and Tear Secretion. <i>Frontiers in Pharmacology</i> , 2021, 12, 671238.	1.6	10

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37	Diabetes Exacerbates the Intraocular Pressure-Independent Retinal Ganglion Cells Degeneration in the DBA/2J Model of Glaucoma. , 2021, 62, 9.		10
38	Dietary Supplementation of Antioxidant Compounds Prevents Light-Induced Retinal Damage in a Rat Model. Biomedicines, 2021, 9, 1177.	1.4	10
39	The cyclooxygenase-2/prostaglandin E2 pathway is involved in the somatostatin-induced decrease of epileptiform bursting in the mouse hippocampus. Neuropharmacology, 2008, 54, 874-884.	2.0	9
40	HIF-1-Dependent Induction of β 23 Adrenoceptor: Evidence from the Mouse Retina. Cells, 2022, 11, 1271.	1.8	9
41	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972.	1.6	7
42	Hypotensive Effect of Nanomicellar Formulation of Melatonin and Agomelatine in a Rat Model: Significance for Glaucoma Therapy. Diagnostics, 2020, 10, 138.	1.3	7
43	UPARANT is an effective antiangiogenic agent in a mouse model of rubeosis iridis. Journal of Molecular Medicine, 2019, 97, 1273-1283.	1.7	5
44	Neurosensory Alterations in Retinopathy of Prematurity: A Window to Neurological Impairments Associated to Preterm Birth. Biomedicines, 2022, 10, 1603.	1.4	5
45	Novel Insights into Beta 2 Adrenergic Receptor Function in the rd10 Model of Retinitis Pigmentosa. Cells, 2020, 9, 2060.	1.8	4
46	The Potential of Lisosan G as a Possible Treatment for Glaucoma. Frontiers in Pharmacology, 2021, 12, 719951.	1.6	4
47	A Nature-Inspired Nrf2 Activator Protects Retinal Explants from Oxidative Stress and Neurodegeneration. Antioxidants, 2021, 10, 1296.	2.2	4
48	Preventive Efficacy of an Antioxidant Compound on Blood Retinal Barrier Breakdown and Visual Dysfunction in Streptozotocin-Induced Diabetic Rats. Frontiers in Pharmacology, 2021, 12, 811818.	1.6	4
49	Autophagy Involvement in the Postnatal Development of the Rat Retina. Cells, 2021, 10, 177.	1.8	3
50	An imbalance in autophagy contributes to retinal damage in a rat model of oxygen-induced retinopathy. Journal of Cellular and Molecular Medicine, 2021, 25, 10480-10493.	1.6	3
51	Gaining insight on mitigation of rubeosis iridis by UPARANT in a mouse model associated with proliferative retinopathy. Journal of Molecular Medicine, 2020, 98, 1629-1638.	1.7	2
52	In vitro and in vivo inhibition of proangiogenic retinal phenotype by an antisense oligonucleotide downregulating uPAR expression. Biochemical and Biophysical Research Communications, 2017, 490, 977-983.	1.0	1
53	The Effects of Angiotensin II or Angiotensin 1-7 on Rat Pial Microcirculation during Hypoperfusion and Reperfusion Injury: Role of Redox Stress. Biomolecules, 2021, 11, 1861.	1.8	1