# Maurizio Cammalleri

List of Publications by Year
in descending order



| 53 | 1,067 | 430874 | 580821 |
|---|---|---|---|
| papers | citations | 18 h-index | 25 g-index |

| 53 | 53 | 53 | 1672 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Role of the Adrenergic System in a Mouse Model of Oxygen-Induced Retinopathy: Antiangiogenic Effects of Î²-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. | 7.1 | 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. | 2.6 | 39 |
| 6 | Mechanisms underlying somatostatin receptor 2 downâ€regulation of vascular endothelial growth factor expression in response to hypoxia in mouse retinal explants. Journal of Pathology, 2012, 226, 519-533. | 4.5 | 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. | 2.6 | 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. | 3.7 | 34 |
| 9 | Potential role of the methylation of VEGF gene promoter in response to hypoxia in oxygenâ€induced retinopathy: beneficial effect of the absence of AQP4. Journal of Cellular and Molecular Medicine, 2018, 22, 613-627. | 3.6 | 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. | 4.1 | 30 |
| 12 | Î²â€Adrenoceptors as drug targets in melanoma: novel preclinical evidence for a role of Î²<sub>3</sub>â€adrenoceptors. British Journal of Pharmacology, 2019, 176, 2496-2508. | 5.4 | 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. | 4.1 | 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. | 4.1 | 26 |
| 16 | Acetyl-11-keto-Î²-boswellic acid reduces retinal angiogenesis in a mouse model of oxygen-induced retinopathy. Experimental Eye Research, 2015, 135, 67-80. | 2.6 | 23 |
| 17 | Inhibiting the urokinaseâ€type plasminogen activator receptor system recovers <scp>STZ</scp>â€induced diabetic nephropathy. Journal of Cellular and Molecular Medicine, 2019, 23, 1034-1049. | 3.6 | 22 |
| 18 | Vascular endothelial growth factor upâ€regulation in the mouse hippocampus and its role in the control of epileptiform activity. European Journal of Neuroscience, 2011, 33, 482-498. | 2.6 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Protective Effects of Â1/2 Adrenergic Receptor Deletion in a Model of Oxygen-Induced Retinopathy. Investigative Ophthalmology and Visual Science, 2015, 56, 59-73. | 3.3 | 21 |
| 20 | Therapeutic Potential of Anti-Angiogenic Multitarget N,O-Sulfated E. Coli K5 Polysaccharide in Diabetic Retinopathy. Diabetes, 2015, 64, 2581-2592. | 0.6 | 21 |
| 21 | Association between polymorphisms of TAS2R16 and susceptibility to colorectal cancer. BMC Gastroenterology, 2017, 17, 104. | 2.0 | 21 |
| 22 | Further Evidence on Efficacy of Diet Supplementation with Fatty Acids in Ocular Pathologies: Insights from the EAE Model of Optic Neuritis. Nutrients, 2018, 10, 1447. | 4.1 | 21 |
| 23 | Lisosan G Protects the Retina from Neurovascular Damage in Experimental Diabetic Retinopathy. Nutrients, 2018, 10, 1932. | 4.1 | 18 |
| 24 | Diabetic Retinopathy in the Spontaneously Diabetic Torii Rat: Pathogenetic Mechanisms and Preventive Efficacy of Inhibiting the Urokinase-Type Plasminogen Activator Receptor System. Journal of Diabetes Research, 2017, 2017, 1-18. | 2.3 | 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. Nutrients, 2019, 11, 2931. | 4.1 | 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. Nutrients, 2018, 10, 325. | 4.1 | 16 |
| 27 | Molecular and Cellular Mechanisms Underlying Somatostatin-Based Signaling in Two Model Neural Networks, the Retina and the Hippocampus. International Journal of Molecular Sciences, 2019, 20, 2506. | 4.1 | 15 |
| 28 | A Topical Formulation of Melatoninergic Compounds Exerts Strong Hypotensive and Neuroprotective Effects in a Rat Model of Hypertensive Glaucoma. International Journal of Molecular Sciences, 2020, 21, 9267. | 4.1 | 15 |
| 29 | Decoupling Oxygen Tension From Retinal Vascularization as a New Perspective for Management of Retinopathy of Prematurity. New Opportunities From Î²-adrenoceptors. Frontiers in Pharmacology, 2022, 13, 835771. | 3.5 | 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. Journal of Cellular and Molecular Medicine, 2019, 23, 5176-5192. | 3.6 | 14 |
| 32 | Involvement of the cAMP-dependent pathway in the reduction of epileptiform bursting caused by somatostatin in the mouse hippocampus. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 378, 563-577. | 3.0 | 13 |
| 33 | Functional effects of somatostatin receptor 1 activation on synaptic transmission in the mouse hippocampus. Journal of Neurochemistry, 2009, 111, 1466-1477. | 3.9 | 12 |
| 34 | Î²3â€Adrenoceptor, a novel player in the roundâ€trip from neonatal diseases to cancer: Suggestive clues from embryo. Medicinal Research Reviews, 2022, 42, 1179-1201. | 10.5 | 11 |
| 35 | Efficacy of a Fatty Acids Dietary Supplement in a Polyethylene Glycol-Induced Mouse Model of Retinal Degeneration. Nutrients, 2017, 9, 1079. | 4.1 | 10 |
| 36 | Effects of Topical Gabapentin on Ocular Pain and Tear Secretion. Frontiers in Pharmacology, 2021, 12, 671238. | 3.5 | 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. | 3.2 | 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. | 4.1 | 9 |
| 40 | HIF-1-Dependent Induction of Î²3 Adrenoceptor: Evidence from the Mouse Retina. Cells, 2022, 11, 1271. | 4.1 | 9 |
| 41 | Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972. | 3.3 | 7 |
| 42 | Hypotensive Effect of Nanomicellar Formulation of Melatonin and Agomelatine in a Rat Model: Significance for Glaucoma Therapy. Diagnostics, 2020, 10, 138. | 2.6 | 7 |
| 43 | UPARANT is an effective antiangiogenic agent in a mouse model of rubeosis iridis. Journal of Molecular Medicine, 2019, 97, 1273-1283. | 3.9 | 5 |
| 44 | Neurosensory Alterations in Retinopathy of Prematurity: A Window to Neurological Impairments Associated to Preterm Birth. Biomedicines, 2022, 10, 1603. | 3.2 | 5 |
| 45 | Novel Insights into Beta 2 Adrenergic Receptor Function in the rd10 Model of Retinitis Pigmentosa. Cells, 2020, 9, 2060. | 4.1 | 4 |
| 46 | The Potential of Lisosan G as a Possible Treatment for Glaucoma. Frontiers in Pharmacology, 2021, 12, 719951. | 3.5 | 4 |
| 47 | A Nature-Inspired Nrf2 Activator Protects Retinal Explants from Oxidative Stress and Neurodegeneration. Antioxidants, 2021, 10, 1296. | 5.1 | 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. | 3.5 | 4 |
| 49 | Autophagy Involvement in the Postnatal Development of the Rat Retina. Cells, 2021, 10, 177. | 4.1 | 3 |
| 50 | An imbalance in autophagy contributes to retinal damage in a rat model of oxygenâ€induced retinopathy. Journal of Cellular and Molecular Medicine, 2021, 25, 10480-10493. | 3.6 | 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. | 3.9 | 2 |
| 52 | InÂvitro and inÂvivo inhibition of proangiogenic retinal phenotype by an antisense oligonucleotide downregulating uPAR expression. Biochemical and Biophysical Research Communications, 2017, 490, 977-983. | 2.1 | 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. | 4.0 | 1 |