# Edith Hamel

List of Publications by Year
in descending order



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|---|---|---|---|
| 113 papers | 8,494 citations | 38742 50 h-index | 48315 88 g-index |
| 116 all docs | 116 docs citations | 116 times ranked | 9006 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Perivascular nerves and the regulation of cerebrovascular tone. Journal of Applied Physiology, 2006, 100, 1059-1064. | 2.5 | 632 |
| 2 | Cortical GABA Interneurons in Neurovascular Coupling: Relays for Subcortical Vasoactive Pathways. Journal of Neuroscience, 2004, 24, 8940-8949. | 3.6 | 501 |
| 3 | Perivascular peptides relax cerebral arteries concomitant with stimulation of cyclic adenosine monophosphate accumulation or release of an endothelium-derived relaxing factor in the cat. Neuroscience Letters, 1985, 58, 213-217. | 2.1 | 360 |
| 4 | <i>Withania somnifera</i> reverses Alzheimer's disease pathology by enhancing low-density lipoprotein receptor-related protein in liver. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3510-3515. | 7.1 | 304 |
| 5 | Complete Rescue of Cerebrovascular Function in Aged Alzheimer's Disease Transgenic Mice by Antioxidants and Pioglitazone, a Peroxisome Proliferator-Activated Receptor Î³ Agonist. Journal of Neuroscience, 2008, 28, 9287-9296. | 3.6 | 258 |
| 6 | [18F]FDG PET signal is driven by astroglial glutamate transport. Nature Neuroscience, 2017, 20, 393-395. | 14.8 | 232 |
| 7 | 5-HT3Receptors Mediate Serotonergic Fast Synaptic Excitation of Neocortical Vasoactive Intestinal Peptide/Cholecystokinin Interneurons. Journal of Neuroscience, 2002, 22, 7389-7397. | 3.6 | 204 |
| 8 | Astroglial and Vascular Interactions of Noradrenaline Terminals in the Rat Cerebral Cortex. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 894-904. | 4.3 | 197 |
| 9 | Brain hemodynamic changes mediated by dopamine receptors: Role of the cerebral microvasculature in dopamine-mediated neurovascular coupling. NeuroImage, 2006, 30, 700-712. | 4.2 | 182 |
| 10 | Pyramidal Neurons Are "Neurogenic Hubs" in the Neurovascular Coupling Response to Whisker Stimulation. Journal of Neuroscience, 2011, 31, 9836-9847. | 3.6 | 148 |
| 11 | Age-Dependent Rescue by Simvastatin of Alzheimer's Disease Cerebrovascular and Memory Deficits. Journal of Neuroscience, 2012, 32, 4705-4715. | 3.6 | 146 |
| 12 | Vascular Remodeling versus Amyloid Â-Induced Oxidative Stress in the Cerebrovascular Dysfunctions Associated with Alzheimer's Disease. Journal of Neuroscience, 2005, 25, 11165-11174. | 3.6 | 144 |
| 13 | Specific Subtypes of Cortical GABA Interneurons Contribute to the Neurovascular Coupling Response to Basal Forebrain Stimulation. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 221-231. | 4.3 | 134 |
| 14 | Neurovascular function in Alzheimer's disease patients and experimental models. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1354-1370. | 4.3 | 129 |
| 15 | Angiotensin II type 1 receptor blocker losartan prevents and rescues cerebrovascular, neuropathological and cognitive deficits in an Alzheimerâ€™s disease model. Neurobiology of Disease, 2014, 68, 126-136. | 4.4 | 126 |
| 16 | Functional Acetylcholine Muscarinic Receptor Subtypes in Human Brain Microcirculation: Identification and Cellular Localization. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 794-802. | 4.3 | 125 |
| 17 | Biochemical evidence for cholinergic innervation of intracerebral blood vessels. Brain Research, 1983, 266, 261-270. | 2.2 | 123 |
| 18 | Cholinergic modulation of the cortical microvascular bed. Progress in Brain Research, 2004, 145, 171-178. | 1.4 | 120 |

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|---|---|---|---|
| 19 | Glutamatergic Control of Microvascular Tone by Distinct GABA Neurons in the Cerebellum. Journal of Neuroscience, 2006, 26, 6997-7006. | 3.6 | 119 |
| 20 | DCC Expression by Neurons Regulates Synaptic Plasticity in the Adult Brain. Cell Reports, 2013, 3, 173-185. | 6.4 | 118 |
| 21 | Locus Coeruleus Stimulation Recruits a Broad Cortical Neuronal Network and Increases Cortical Perfusion. Journal of Neuroscience, 2013, 33, 3390-3401. | 3.6 | 118 |
| 22 | Neuroinflammation, mitochondrial defects and neurodegeneration in mucopolysaccharidosis III type C mouse model. Brain, 2015, 138, 336-355. | 7.6 | 113 |
| 23 | Muscarinicâ€"but Not Nicotinicâ€"Acetylcholine Receptors Mediate a Nitric Oxide-Dependent Dilation in Brain Cortical Arterioles: A Possible Role for the M5 Receptor Subtype. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 298-305. | 4.3 | 112 |
| 24 | Simvastatin improves cerebrovascular function and counters soluble amyloid-beta, inflammation and oxidative stress in aged APP mice. Neurobiology of Disease, 2009, 35, 406-414. | 4.4 | 112 |
| 25 | BIIE0246, a potent and highly selective non-peptide neuropeptide Y Y2 receptor antagonist. British Journal of Pharmacology, 2000, 129, 1075-1088. | 5.4 | 111 |
| 26 | Melatonin as Adjunctive Therapy in the Prophylaxis of Cluster Headache: A Pilot Study. Headache, 2002, 42, 787-792. | 3.9 | 97 |
| 27 | Electron microscopic autoradiographic localization of opioid receptors in rat neostriatum. Nature, 1984, 312, 155-157. | 27.8 | 92 |
| 28 | Neuronal networks and mediators of cortical neurovascular coupling responses in normal and altered brain states. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150350. | 4.0 | 91 |
| 29 | Pathway-Specific Variations in Neurovascular and Neurometabolic Coupling in Rat Primary Somatosensory Cortex. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 976-986. | 4.3 | 89 |
| 30 | No contractile effect for 5â€HT<sub>1D</sub> and 5â€HT<sub>1F</sub> receptor agonists in human and bovine cerebral arteries: similarity with human coronary artery. British Journal of Pharmacology, 2000, 129, 501-508. | 5.4 | 87 |
| 31 | Increased densities of binding sites for the â€˜peripheral-typeâ€™ benzodiazepine receptor ligand [3H]PK 11195 in rat brain following portacaval anastomosis. Brain Research, 1992, 585, 295-298. | 2.2 | 85 |
| 32 | COX-2-Derived Prostaglandin E2 Produced by Pyramidal Neurons Contributes to Neurovascular Coupling in the Rodent Cerebral Cortex. Journal of Neuroscience, 2015, 35, 11791-11810. | 3.6 | 85 |
| 33 | Characterization of neuropeptide Y (NPY) receptors in human cerebral arteries with selective agonists and the new Y<sub>1</sub> antagonist BIBP 3226. British Journal of Pharmacology, 1995, 116, 2245-2250. | 5.4 | 82 |
| 34 | Multiple Microvascular and Astroglial 5-Hydroxytryptamine Receptor Subtypes in Human Brain: Molecular and Pharmacologic Characterization. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 908-917. | 4.3 | 80 |
| 35 | Light and electron microscopic immunocytochemical analysis of the neurovascular relationships of choline acetyltransferase and vasoactive intestinal polypeptide nerve terminals in the rat cerebral cortex. Journal of Comparative Neurology, 1994, 343, 57-71. | 1.6 | 77 |
| 36 | Endothelial <scp>TRPV</scp>4 channels mediate dilation of cerebral arteries: impairment and recovery in cerebrovascular pathologies related to <scp>A</scp>lzheimer's disease. British Journal of Pharmacology, 2013, 170, 661-670. | 5.4 | 77 |

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|---|---|---|---|
| 37 | Contractile 5â€HT<sub>1</sub> receptors in human isolated pial arterioles: correlation with 5â€HT<sub>1D</sub> binding sites. British Journal of Pharmacology, 1991, 102, 227-233. | 5.4 | 76 |
| 38 | Endothelial nitric oxide synthase activation leads to dilatory H2O2 production in mouse cerebral arteries. Cardiovascular Research, 2007, 73, 73-81. | 3.8 | 75 |
| 39 | Hypercapnia and stimulation of the substantia innominata increase rat frontal cortical blood flow by different cholinergic mechanisms. Brain Research, 1991, 553, 75-83. | 2.2 | 71 |
| 40 | Angiotensin IV Receptors Mediate the Cognitive and Cerebrovascular Benefits of Losartan in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2017, 37, 5562-5573. | 3.6 | 71 |
| 41 | Heterogeneous vasomotor responses of anatomically distinct feline cerebral arteries. British Journal of Pharmacology, 1988, 94, 423-436. | 5.4 | 69 |
| 42 | Distinct choline acetyltransferase (ChAT) and vasoactive intestinal polypeptide (VIP) bipolar neurons project to local blood vessels in the rat cerebral cortex. Brain Research, 1994, 646, 181-193. | 2.2 | 69 |
| 43 | Pioglitazone Improves Reversal Learning and Exerts Mixed Cerebrovascular Effects in a Mouse Model of Alzheimerâ€™s Disease with Combined Amyloid-Î² and Cerebrovascular Pathology. PLoS ONE, 2013, 8, e68612. | 2.5 | 69 |
| 44 | Brain endothelial TAK1 and NEMO safeguard the neurovascular unit. Journal of Experimental Medicine, 2015, 212, 1529-1549. | 8.5 | 65 |
| 45 | Schizophrenia-Like Features in Transgenic Mice Overexpressing Human HO-1 in the Astrocytic Compartment. Journal of Neuroscience, 2012, 32, 10841-10853. | 3.6 | 63 |
| 46 | Cognitive and cerebrovascular improvements following kinin B1 receptor blockade in Alzheimerâ€™s disease mice. Journal of Neuroinflammation, 2013, 10, 57. | 7.2 | 63 |
| 47 | Opioid receptors in rat neostriatum: radioautographic distribution at the electron microscopic level. Brain Research, 1987, 401, 239-257. | 2.2 | 58 |
| 48 | Angiotensin II-induced fluid phase endocytosis in human cerebromicrovascular endothelial cells is regulated by the inositol-phosphate signaling pathway. Journal of Cellular Physiology, 1996, 169, 455-467. | 4.1 | 56 |
| 49 | Functional Calcitonin Gene-Related Peptide Type 1 and Adrenomedullin Receptors in Human Trigeminal Ganglia, Brain Vessels, and Cerebromicrovascular or Astroglial Cells in Culture. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 1270-1278. | 4.3 | 54 |
| 50 | Impact of Altered Cholinergic Tones on the Neurovascular Coupling Response to Whisker Stimulation. Journal of Neuroscience, 2017, 37, 1518-1531. | 3.6 | 54 |
| 51 | Characterization of calcitonin gene-related peptide (CGRP) receptors and their receptor-activity-modifying proteins (RAMPs) in human brain microvascular and astroglial cells in culture. Neuropharmacology, 2002, 42, 270-280. | 4.1 | 51 |
| 52 | Transgenic Mice Overexpressing APP and Transforming Growth Factor-Î²1 Feature Cognitive and Vascular Hallmarks of Alzheimer's Disease. American Journal of Pathology, 2010, 177, 3071-3080. | 3.8 | 51 |
| 53 | Neuronal versus endothelial origin of vasoactive acetylcholine in pial vessels. Brain Research, 1987, 420, 391-396. | 2.2 | 50 |
| 54 | An endothelial link between the benefits of physical exercise in dementia. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2649-2664. | 4.3 | 50 |

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|---|---|---|---|
| 55 | Expression of Neuropeptide Y Receptors mRNA and Protein in Human Brain Vessels and Cerebromicrovascular Cells in Culture. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 155-163. | 4.3 | 49 |
| 56 | Cortical atrophy and hypoperfusion in a transgenic mouse model of Alzheimer's disease. Neurobiology of Aging, 2013, 34, 1644-1652. | 3.1 | 49 |
| 57 | Localization of opioid binding sites in rat brain by electron microscopic radioautography. Journal of Electron Microscopy Technique, 1984, 1, 317-329. | 1.1 | 46 |
| 58 | Neurotherapeutic effects of novel <scp>HO</scp>â€•1 inhibitors <i>in vitro</i> and in a transgenic mouse model of Alzheimer's disease. Journal of Neurochemistry, 2014, 131, 778-790. | 3.9 | 45 |
| 59 | A Neurotrophic Rationale for the Therapy of Neurodegenerative Disorders. Current Alzheimer Research, 2009, 6, 419-423. | 1.4 | 43 |
| 60 | Transforming Growth Factor-Î²1 Impairs Endothelin-1-Mediated Contraction of Brain Vessels by Inducing Mitogen-Activated Protein (MAP) Kinase Phosphatase-1 and Inhibiting p38 MAP Kinase. Molecular Pharmacology, 2007, 72, 1476-1483. | 2.3 | 41 |
| 61 | Ligand-Dependent TrkA Activity in Brain Differentially Affects Spatial Learning and Long-Term Memory. Molecular Pharmacology, 2011, 80, 498-508. | 2.3 | 41 |
| 62 | Simvastatin Restored Vascular Reactivity, Endothelial Function and Reduced String Vessel Pathology in a Mouse Model of Cerebrovascular Disease. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 512-520. | 4.3 | 41 |
| 63 | How reliable is cerebral blood flow to map changes in neuronal activity?. Autonomic Neuroscience: Basic and Clinical, 2019, 217, 71-79. | 2.8 | 41 |
| 64 | Neurovascular and Cognitive failure in Alzheimerâ€™s Disease: Benefits of Cardiovascular Therapy. Cellular and Molecular Neurobiology, 2016, 36, 219-232. | 3.3 | 39 |
| 65 | Recovery of choline acetyltransferase activity without sprouting of the residual acetylcholine innervation in adult rat cerebral cortex after lesion of the nucleus basalis. Brain Research, 1993, 630, 195-206. | 2.2 | 37 |
| 66 | Direct Modulation of P2X1 Receptor-Channels by the Lipid Phosphatidylinositol 4,5-Bisphosphate. Molecular Pharmacology, 2008, 74, 785-792. | 2.3 | 35 |
| 67 | Intact Memory in TGF-Î²1 Transgenic Mice Featuring Chronic Cerebrovascular Deficit: Recovery with Pioglitazone. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 200-211. | 4.3 | 35 |
| 68 | Early cortical thickness changes predict Î²-amyloid deposition in a mouse model of Alzheimer's disease. Neurobiology of Disease, 2013, 54, 59-67. | 4.4 | 35 |
| 69 | Cerebral Circulation. Journal of Cardiovascular Pharmacology, 2015, 65, 317-324. | 1.9 | 35 |
| 70 | Cerebrovascular nerve fibers immunoreactive for tryptophan-5-hydroxylase in the rat: distribution, putative origin and comparison with sympathetic noradrenergic nerves. Brain Research, 1992, 598, 203-214. | 2.2 | 33 |
| 71 | 5-HT7 receptor mRNA expression in human trigeminal ganglia. Neuroscience Letters, 2001, 302, 9-12. | 2.1 | 33 |
| 72 | Pleiotropic Benefits of the Angiotensin Receptor Blocker Candesartan in a Mouse Model of Alzheimer Disease. Hypertension, 2018, 72, 1217-1226. | 2.7 | 33 |

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|---|---|---|---|
| 73 | Memory and cerebrovascular deficits recovered following angiotensin IV intervention in a mouse model of Alzheimer's disease. Neurobiology of Disease, 2020, 134, 104644. | 4.4 | 33 |
| 74 | Effect of thiamine deficiency on levels of putative amino acid transmitters in affected regions of the rat brain. Journal of Neurochemistry, 1979, 33, 575-577. | 3.9 | 32 |
| 75 | Impaired structural correlates of memory in Alzheimer's disease mice. NeuroImage: Clinical, 2013, 3, 290-300. | 2.7 | 32 |
| 76 | Losartan improves cerebrovascular function in a mouse model of Alzheimer's disease with combined overproduction of amyloid-Î² and transforming growth factor-Î²1. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1959-1970. | 4.3 | 32 |
| 77 | Endothelial cells inhibit the vascular response to adrenergic nerve stimulation by a receptor-mediated mechanism. Canadian Journal of Physiology and Pharmacology, 1990, 68, 104-109. | 1.4 | 31 |
| 78 | Assessment of the peripheral benzodiazepine receptors in human gliomas by two methods. Journal of Neuro-Oncology, 1998, 38, 19-26. | 2.9 | 30 |
| 79 | Vasocontractile muscarinic M1 receptors in cat cerebral arteries: pharmacological identification and detection of mRNA. European Journal of Pharmacology, 1991, 207, 319-327. | 2.6 | 29 |
| 80 | Preferential expression of the neuropeptide Y Y1 over the Y2 receptor subtype in cultured hippocampal neurones and cloning of the rat Y2 receptor. British Journal of Pharmacology, 1998, 123, 183-194. | 5.4 | 29 |
| 81 | The Proteome of Mouse Cerebral Arteries. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1033-1046. | 4.3 | 29 |
| 82 | Proteomic differences in brain vessels of Alzheimerâ€™s disease mice: Normalization by PPARÎ³ agonist pioglitazone. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1120-1136. | 4.3 | 29 |
| 83 | Brain angiotensin II and angiotensin IV receptors as potential Alzheimerâ€™s disease therapeutic targets. GeroScience, 2020, 42, 1237-1256. | 4.6 | 28 |
| 84 | Pyramidal Cells and Cytochrome P450 Epoxygenase Products in the Neurovascular Coupling Response to Basal Forebrain Cholinergic Input. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 896-906. | 4.3 | 27 |
| 85 | Selective benefits of simvastatin in bitransgenic APPSwe,Ind/TGF-Î²1 mice. Neurobiology of Aging, 2014, 35, 203-212. | 3.1 | 26 |
| 86 | High cholesterol triggers white matter alterations and cognitive deficits in a mouse model of cerebrovascular disease: benefits of simvastatin. Cell Death and Disease, 2019, 10, 89. | 6.3 | 26 |
| 87 | AT2Râ€™s (Angiotensin II Type 2 Receptorâ€™s) Role in Cognitive and Cerebrovascular Deficits in a Mouse Model of Alzheimer Disease. Hypertension, 2020, 75, 1464-1474. | 2.7 | 25 |
| 88 | Pharmacological characterization of muscarinic acetylcholine binding sites in human and bovine cerebral microvessels. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 352, 179-86. | 3.0 | 24 |
| 89 | Origin of the serotonergic innervation to the rat dorsolateral hypothalamus: Retrograde transport of cholera toxin and upregulation of tryptophan hydroxylase mRNA expression following selective nerve terminals lesion. , 1999, 32, 177-186. | | 24 |
| 90 | Potentiation of P2X1 ATP-Gated Currents by 5-Hydroxytryptamine 2A Receptors Involves Diacylglycerol-Dependent Kinases and Intracellular Calcium. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 144-154. | 2.5 | 24 |

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|---|---|---|---|
| 91 | Mice Doubly-Deficient in Lysosomal Hexosaminidase A and Neuraminidase 4 Show Epileptic Crises and Rapid Neuronal Loss. PLoS Genetics, 2010, 6, e1001118. | 3.5 | 24 |
| 92 | Brain Perfusion and Astrocytes. Trends in Neurosciences, 2018, 41, 409-413. | 8.6 | 23 |
| 93 | Glutamic Acid Decarboxylase and ?-Aminobutyric Acid in Huntington's Disease Fibroblasts and Other Cultured Cells, Determined by a [3H]Muscimol Radioreceptor Assay. Journal of Neurochemistry, 1981, 37, 1032-1038. | 3.9 | 20 |
| 94 | Characterization of Glutamic Acid Decarboxylase Activity in Cerebral Blood Vessels. Journal of Neurochemistry, 1982, 39, 842-849. | 3.9 | 20 |
| 95 | Spatial memory formation requires netrin-1 expression by neurons in the adult mammalian brain. Learning and Memory, 2019, 26, 77-83. | 1.3 | 20 |
| 96 | Specific cerebrovascular localization of glutamate decarâ˜ylase activity. Brain Research, 1981, 223, 199-204. | 2.2 | 19 |
| 97 | Benefits of physical exercise on cognition and glial white matter pathology in a mouse model of vascular cognitive impairment and dementia. Glia, 2020, 68, 1925-1940. | 4.9 | 18 |
| 98 | Selective in vivo antagonism of endothelin receptors in transforming growth factor-Î²1 transgenic mice that mimic the vascular pathology of Alzheimerâ€™s diseaseThis article is one of a selection of papers published in the two-part special issue entitled 20 Years of Endothelin Research.. Canadian Journal of Physiology and Pharmacology, 2010, 88, 652-660. | 1.4 | 17 |
| 99 | New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751. | 3.4 | 17 |
| 100 | Transforming growth factor-Î²1 induces cerebrovascular dysfunction and astrogliosis through angiotensin II type 1 receptor-mediated signaling pathways. Canadian Journal of Physiology and Pharmacology, 2018, 96, 527-534. | 1.4 | 16 |
| 101 | Acetylcholine Levels and Choline Acetyltransferase Activity in Rat Cerebrovascular Bed after Uni- or Bilateral Sphenopalatine Ganglionectomy. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 253-260. | 4.3 | 15 |
| 102 | Spinai cord serotonin receptors in cardiovascular regulation and potentiation of the pressor response to intrathecal substance P after serotonin depletion. Canadian Journal of Physiology and Pharmacology, 1993, 71, 453-464. | 1.4 | 14 |
| 103 | Comparative benefits of simvastatin and exercise in a mouse model of vascular cognitive impairment and dementia. FASEB Journal, 2019, 33, 13280-13293. | 0.5 | 14 |
| 104 | Simvastatin rescues memory and granule cell maturation through the Wnt/Î²-catenin signaling pathway in a mouse model of Alzheimerâ€™s disease. Cell Death and Disease, 2022, 13, 325. | 6.3 | 14 |
| 105 | Cholinergic Dilatation and Constriction of Feline Cerebral Blood Vessels Are Mediated by Stimulation of Phosphoinositide Metabolism via Two Different Muscarinic Receptor Subtypes. Journal of Neurochemistry, 2002, 63, 544-551. | 3.9 | 13 |
| 106 | Enalapril Alone or Co-Administered with Losartan Rescues Cerebrovascular Dysfunction, but not Mnemonic Deficits or Amyloidosis in a Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 51, 1183-1195. | 2.6 | 12 |
| 107 | A functional cerebral endothelium is necessary to protect against cognitive decline. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 74-89. | 4.3 | 12 |
| 108 | Selective age-related changes in neuronal markers and smooth muscle reactivity in cerebrovascular beds of Fischer 344 rats. Neurobiology of Aging, 1990, 11, 631-639. | 3.1 | 11 |

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| 109 | Alzheimerâ€™s disease and cerebrovascular pathology alter brain endothelial inward rectifier potassium (K IR 2.1) channels. British Journal of Pharmacology, 2021, , . | 5.4 | 11 |
| 110 | Small pial vessels, but not choroid plexus, exhibit specific biochemical correlates of functional cholinergic innervation. Brain Research, 1990, 516, 301-309. | 2.2 | 9 |
| 111 | Ipsilateral alterations in tryptophan hydroxylase activity in rat brain after hypothalamic 5,7-di-hydroxytryptamine lesion. Brain Research, 1996, 724, 222-231. | 2.2 | 9 |
| 112 | A Longitudinal Pilot Study on Cognition and Cerebral Hemodynamics in a Mouse Model of Preeclampsia Superimposed on Hypertension: Looking at Mothers and Their Offspring. Frontiers in Physiology, 2021, 12, 611984. | 2.8 | 6 |
| 113 | Effect of Asparagine, Glutamine and Insulin on Cerebral Amino Acid Neurotransmitters. Canadian Journal of Neurological Sciences, 1980, 7, 447-450. | 0.5 | 5 |