Agnes Simonyi

List of Publications by Year
in descending order

76	6,364	71102 41	71685 76
papers	citations	h-index	g-index

76	76	76	8519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From Analysis of Ischemic Mouse Brain Proteome to Identification of Human Serum Clusterin as a Potential Biomarker for Severity of Acute Ischemic Stroke. Translational Stroke Research, 2019, 10, 546-556.	4.2	20
2	Anaemia worsens early functional outcome after traumatic brain injury: a preliminary study. Brain Injury, 2018, 32, 342-349.	1.2	4
3	Ultrastructural brain abnormalities and associated behavioral changes in mice after low-intensity blast exposure. Behavioural Brain Research, 2018, 347, 148-157.	2.2	36
4	Linking blast physics to biological outcomes in mild traumatic brain injury: Narrative review and preliminary report of an open-field blast model. Behavioural Brain Research, 2018, 340, 147-158.	2.2	47
5	Docosahexaenoic acid (DHA): An essential nutrient and a nutraceutical for brain health and diseases. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 136, 3-13.	2.2	172
6	TNFÎ± alters occludin and cerebral endothelial permeability: Role of p38MAPK. PLoS ONE, 2017, 12, e0170346.	2.5	88
7	Withania somnifera and Its Withanolides Attenuate Oxidative and Inflammatory Responses and Up-Regulate Antioxidant Responses in BV-2 Microglial Cells. NeuroMolecular Medicine, 2016, 18, 241-252.	3.4	61
8	Phytochemicals and botanical extracts regulate NF-Îº B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. Neurochemistry International, 2016, 97, 49-56.	3.8	35
9	Botanical Polyphenols Mitigate Microglial Activation and Microglia-Induced Neurotoxicity: Role of Cytosolic Phospholipase A2. NeuroMolecular Medicine, 2016, 18, 415-425.	3.4	15
10	Beneficial Effects of Dietary EGCG and Voluntary Exercise on Behavior in an Alzheimer's Disease Mouse Model. Journal of Alzheimer's Disease, 2015, 44, 561-572.	2.6	114
11	Cytosolic phospholipase A2 plays a crucial role in ROS/NO signaling during microglial activation through the lipoxygenase pathway. Journal of Neuroinflammation, 2015, 12, 199.	7.2	79
12	Inhibition of microglial activation by elderberry extracts and its phenolic components. Life Sciences, 2015, 128, 30-38.	4.3	36
13	Quercetin Attenuates Inflammatory Responses in BV-2 Microglial Cells: Role of MAPKs on the Nrf2 Pathway and Induction of Heme Oxygenase-1. PLoS ONE, 2015, 10, e0141509.	2.5	128
14	Dietary Sutherlandia and Elderberry Mitigate Cerebral Ischemia-Induced Neuronal Damage and Attenuate p47phox and Phospho-ERK1/2 Expression in Microglial Cells. ASN Neuro, 2014, 6, 175909141455494.	2.7	24
15	Role of Cytosolic Phospholipase A2 in Oxidative and Inflammatory Signaling Pathways in Different Cell Types in the Central Nervous System. Molecular Neurobiology, 2014, 50, 6-14.	4.0	71
16	Subchronic apocynin treatment attenuates methamphetamine-induced dopamine release and hyperactivity in rats. Life Sciences, 2014, 98, 6-11.	4.3	15
17	Sutherlandia frutescens Ethanol Extracts Inhibit Oxidative Stress and Inflammatory Responses in Neurons and Microglial Cells. PLoS ONE, 2014, 9, e89748.	2.5	23
18	Magnolia polyphenols attenuate oxidative and inflammatory responses in neurons and microglial cells. Journal of Neuroinflammation, 2013, 10, 15.	7.2	73

#	Article	IF	Citations
19	Repeated resveratrol treatment attenuates methamphetamine-induced hyperactivity and [3H]dopamine overflow in rodents. Neuroscience Letters, 2013, 554, 53-58.	2.1	17
20	Selective Inhibition of Matrix Metalloproteinase-9 Attenuates Secondary Damage Resulting from Severe Traumatic Brain Injury. PLoS ONE, 2013, 8, e76904.	2.5	95
21	Integrating Cytosolic Phospholipase A2 with Oxidative/Nitrosative Signaling Pathways in Neurons: A Novel Therapeutic Strategy for AD. Molecular Neurobiology, 2012, 46, 85-95.	4.0	40
22	The neuroprotective effects of apocynin. Frontiers in Bioscience - Elite, 2012, E4, 2183-2193.	1.8	50
23	The neuroprotective effects of apocynin. Frontiers in Bioscience - Elite, 2012, E4, 2183.	1.8	31
24	Botanical Phenolics and Neurodegeneration. Oxidative Stress and Disease, 2011, , 315-332.	0.3	2
25	Phospholipases A₂ and neural membrane dynamics: implications for Alzheimerâ€™s disease. Journal of Neurochemistry, 2011, 116, 813-819.	3.9	81
26	mGluR7 Genetics and Alcohol: Intersection Yields Clues for Addiction. Neurochemical Research, 2011, 36, 1087-1100.	3.3	29
27	Pro-inflammatory cytokines and lipopolysaccharide induce changes in cell morphology, and upregulation of ERK1/2, iNOS and sPLA2-IIA expression in astrocytes and microglia. Journal of Neuroinflammation, 2011, 8, 121.	7.2	136
28	Phospholipases A2 and Inflammatory Responses in the Central Nervous System. NeuroMolecular Medicine, 2010, 12, 133-148.	3.4	169
29	Targeting NADPH Oxidase and Phospholipases A2 in Alzheimerâ€™s Disease. Molecular Neurobiology, 2010, 41, 73-86.	4.0	38
30	Resveratrol as a Therapeutic Agent for Neurodegenerative Diseases. Molecular Neurobiology, 2010, 41, 375-383.	4.0	283
31	Metabotropic glutamate receptor subtype 5 antagonism in learning and memory. European Journal of Pharmacology, 2010, 639, 17-25.	3.5	53
32	Prolonged Exposure of Cortical Neurons to Oligomeric Amyloid-Î² Impairs NMDA Receptor Function Via NADPH Oxidase-Mediated ROS Production: Protective Effect of Green Tea (-)-Epigallocatechin-3-Gallate. ASN Neuro, 2010, 3, AN20100025.	2.7	81
33	Neuroprotective effects of a nanocrystal formulation of sPLA2 inhibitor PX-18 in cerebral ischemia/reperfusion in gerbils. Brain Research, 2009, 1285, 188-195.	2.2	22
34	Interleukinâ€1Î² enhances nucleotideâ€induced and Î±â€secretaseâ€dependent amyloid precursor protein processing in rat primary cortical neurons via upâ€regulation of the P2Y₂ receptor. Journal of Neurochemistry, 2009, 109, 1300-1310.	3.9	61
35	Oral administration of grape polyphenol extract ameliorates cerebral ischemia/reperfusion-induced neuronal damage and behavioral deficits in gerbils: comparison of pre- and post-ischemic administrationâ˜†. Journal of Nutritional Biochemistry, 2009, 20, 369-377.	4.2	28
36	Involvement of oxidative pathways in cytokine-induced secretory phospholipase A2-IIA in astrocytes. Neurochemistry International, 2009, 55, 362-368.	3.8	41

#	Article	IF	Citations
37	Botanical Phenolics and Brain Health. NeuroMolecular Medicine, 2008, 10, 259-274.	3.4	189
38	Amyloid beta peptide and NMDA induce ROS from NADPH oxidase and AA release from cytosolic phospholipase A₂ in cortical neurons. Journal of Neurochemistry, 2008, 106, 45-55.	3.9	249
39	Bioavailability of apocynin through its conversion to glycoconjugate but not to diapocynin. Phytomedicine, 2008, 15, 496-503.	5.3	60
40	MGlu5 antagonism impairs exploration and memory of spatial and non-spatial stimuli in rats. Behavioural Brain Research, 2008, 191, 235-245.	2.2	44
41	Cyclooxygenase-2 inhibition improves amyloid-Î²-mediated suppression of memory and synaptic plasticity. Brain, 2008, 131, 651-664.	7.6	208
42	Ethanol preconditioning protects against ischemia/reperfusion-induced brain damage: Role of NADPH oxidase-derived ROS. Free Radical Biology and Medicine, 2007, 43, 1048-1060.	2.9	94
43	Secretory PLA2-IIA: a new inflammatory factor for Alzheimer's disease. Journal of Neuroinflammation, 2006, 3, 28.	7.2	128
44	Ischemia-induced increase in RGS7 mRNA expression in gerbil hippocampus. Neuroscience Letters, 2006, 403, 157-161.	2.1	12
45	Apocynin protects against global cerebral ischemiaâ€“reperfusion-induced oxidative stress and injury in the gerbil hippocampus. Brain Research, 2006, 1090, 182-189.	2.2	216
46	Kainic Acid-Mediated Excitotoxicity as a Model for Neurodegeneration. Molecular Neurobiology, 2005, 31, 003-016.	4.0	306
47	Phospholipase A₂ in Astrocytes: Responses to Oxidative Stress, Inflammation, and G Protein-Coupled Receptor Agonists. Molecular Neurobiology, 2005, 31, 027-042.	4.0	101
48	Polyphenols in Cerebral Ischemia: Novel Targets for Neuroprotection. Molecular Neurobiology, 2005, 31, 135-148.	4.0	140
49	Expression of groups I and II metabotropic glutamate receptors in the rat brain during aging. Brain Research, 2005, 1043, 95-106.	2.2	49
50	Neuroprotective mechanisms of curcumin against cerebral ischemia-induced neuronal apoptosis and behavioral deficits. Journal of Neuroscience Research, 2005, 82, 138-148.	2.9	218
51	Dietary grape supplement ameliorates cerebral ischemia-induced neuronal death in gerbils. Molecular Nutrition and Food Research, 2005, 49, 443-451.	3.3	32
52	P2X7 nucleotide receptors mediate caspase-8/9/3-dependent apoptosis in rat primary cortical neurons. Purinergic Signalling, 2005, 1, 337-347.	2.2	62
53	Effects of metabotropic glutamate receptor 5 on latent inhibition in conditioned taste aversion. Behavioural Brain Research, 2005, 157, 71-78.	2.2	19
54	The role of metabotropic glutamate receptor 5 in learning and memory processes. Drug News and Perspectives, 2005, 18, 353.	1.5	111

#	Article	IF	Citations
55	Induction of secretory phospholipase A2 in reactive astrocytes in response to transient focal cerebral ischemia in the rat brain. Journal of Neurochemistry, 2004, 90, 637-645.	3.9	91
56	Chronic Ethanol-Induced Subtype- and Subregion-Specific Decrease in the mRNA Expression of Metabotropic Glutamate Receptors in Rat Hippocampus. Alcoholism: Clinical and Experimental Research, 2004, 28, 1419-1423.	2.4	38
57	Resveratrol Protects Against Neurotoxicity Induced by Kainic Acid. Neurochemical Research, 2004, 29, 2105-2112.	3.3	113
58	Phospholipase A2 in the central nervous system. Journal of Lipid Research, 2004, 45, 205-213.	4.2	348
59	Extracellular signal-regulated kinase 2 mRNA expression in the rat brain during aging. Neurochemical Research, 2003, 28, 1375-1378.	3.3	9
60	MPEP, a selective metabotropic glutamate receptor 5 antagonist, attenuates conditioned taste aversion in rats. Behavioural Brain Research, 2003, 141, 177-182.	2.2	31
61	Resveratrol protects against global cerebral ischemic injury in gerbils. Brain Research, 2002, 958, 439-447.	2.2	465
62	The â€œFrench paradoxâ€•and beyond: neuroprotective effects of polyphenols1,2 1Guest editor: Arthur Cederbaum 2This article is part of a series of reviews on â€œAlcohol, Oxidative Stress and Cell Injury.â€• The full list of papers may be found on the homepage of the journal.. Free Radical Biology and Medicine, 2002, 32, 314-318.	2.9	295
63	Role of PKC and MAPK in cytosolic PLA₂ phosphorylation and arachadonic acid release in primary murine astrocytes. Journal of Neurochemistry, 2002, 83, 259-270.	3.9	115
64	Grape Polyphenols Inhibit Chronic Ethanol-Induced COX-2 mRNA Expression in Rat Brain. Alcoholism: Clinical and Experimental Research, 2002, 26, 352-357.	2.4	31
65	Grape polyphenols inhibit chronic ethanol-induced COX-2 mRNA expression in rat brain. Alcoholism: Clinical and Experimental Research, 2002, 26, 352-7.	2.4	8
66	Region-specific decline in the expression of metabotropic glutamate receptor 7 mRNA in rat brain during aging. Molecular Brain Research, 2000, 82, 101-106.	2.3	43
67	Dietary Supplementation of Grape Polyphenols to Rats Ameliorates Chronic Ethanol-Induced Changes in Hepatic Morphology without Altering Changes in Hepatic Lipids. Journal of Nutrition, 1999, 129, 1814-1819.	2.9	29
68	Chronic Ethanol and Iron Administration on Iron Content, Neuronal Nitric Oxide Synthase, and Superoxide Dismutase in Rat Cerebellum. Alcoholism: Clinical and Experimental Research, 1999, 23, 702-707.	2.4	29
69	Changes in mRNA levels for group I metabotropic glutamate receptors following in utero hypoxiaâ€“ischemia. Developmental Brain Research, 1999, 112, 31-37.	1.7	9
70	Grape polyphenols protect neurodegenerative changes induced by chronic ethanol administration. NeuroReport, 1999, 10, 93-96.	1.2	53
71	Chronic Ethanol and Iron Administration on Iron Content, Neuronal Nitric Oxide Synthase, and Superoxide Dismutase in Rat Cerebellum. Alcoholism: Clinical and Experimental Research, 1999, 23, 702.	2.4	4
72	Effects of ischemic tolerance on mRNA levels of IP3R1, beta-actin, and neuron-specific enolase in hippocampal CA1 area of the gerbil brain. Neurochemical Research, 1998, 23, 539-542.	3.3	13

#	Article	IF	Citations
73	Changes in IP3R1 and SERCA2b mRNA levels in the gerbil brain after chronic ethanol administration and transient cerebral ischemia-reperfusion. Molecular Brain Research, 1998, 56, 22-28.	2.3	14
74	Chronic Ethanol Treatment Reduces the Responsiveness of the Hypothalamic-Pituitary-Thyroid Axis to Central Stimulation. Alcoholism: Clinical and Experimental Research, 1996, 20, 954-960.	2.4	42
75	Chronic ethanol on mRNA levels of IP3R1, IP3 3-kinase and mGluR1 in mouse Purkinje neurons. NeuroReport, 1996, 7, 2115-2118.	1.2	34
76	Effects of acute ethanol administration and cold exposure on the hypothalamic-pituitary-thyroid axis. Endocrine, 1995, 3, 39-47.	2.2	14