

Glenda M Bishop

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,920
citations

279701

23
h-index

360920

35
g-index

36
all docs

36
docs citations

36
times ranked

2544
citing authors

#	ARTICLE	IF	CITATIONS
1	The Pivotal Role of Astrocytes in the Metabolism of Iron in the Brain. <i>Neurochemical Research</i> , 2007, 32, 1884-1890.	1.6	170
2	Hemin toxicity: a preventable source of brain damage following hemorrhagic stroke. <i>Redox Report</i> , 2009, 14, 228-235.	1.4	162
3	Zinc stimulates the production of toxic reactive oxygen species (ROS) and inhibits glutathione reductase in astrocytes. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1222-1230.	1.3	146
4	A β as a bioflocculant: implications for the amyloid hypothesis of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2002, 23, 1051-1072.	1.5	140
5	Iron: A Pathological Mediator of Alzheimer Disease?. <i>Developmental Neuroscience</i> , 2002, 24, 184-187.	1.0	127
6	Quantitative analysis of cell death and ferritin expression in response to cortical iron: implications for hypoxia-ischemia and stroke. <i>Brain Research</i> , 2001, 907, 175-187.	1.1	99
7	Accumulation of Non-Transferrin-Bound Iron by Neurons, Astrocytes, and Microglia. <i>Neurotoxicity Research</i> , 2011, 19, 443-451.	1.3	98
8	Lessons from the AN 1792 Alzheimer vaccine: lest we forget. <i>Neurobiology of Aging</i> , 2004, 25, 609-615.	1.5	90
9	Two routes of iron accumulation in astrocytes: ascorbate-dependent ferrous iron uptake via the divalent metal transporter (DMT1) plus an independent route for ferric iron. <i>Biochemical Journal</i> , 2010, 432, 123-132.	1.7	88
10	The amyloid hypothesis: let sleeping dogmas lie?. <i>Neurobiology of Aging</i> , 2002, 23, 1101-1105.	1.5	67
11	Increased Expression of the Remodeling- and Tumorigenic-Associated Factor Osteopontin in Pyramidal Neurons of the Alzheimers Disease Brain. <i>Current Alzheimer Research</i> , 2007, 4, 67-72.	0.7	62
12	Physiological Roles of Amyloid- β and Implications for its Removal in Alzheimer's Disease. <i>Drugs and Aging</i> , 2004, 21, 621-630.	1.3	61
13	Uptake of ferrous iron by cultured rat astrocytes. <i>Journal of Neuroscience Research</i> , 2010, 88, 563-571.	1.3	61
14	The Amyloid Paradox: Amyloid- β Metal Complexes can be Neurotoxic and Neuroprotective. <i>Brain Pathology</i> , 2004, 14, 448-452.	2.1	55
15	The putative heme transporter HCP1 is expressed in cultured astrocytes and contributes to the uptake of hemin. <i>Glia</i> , 2010, 58, 55-65.	2.5	48
16	Human A β 1-42 reduces iron-induced toxicity in rat cerebral cortex. <i>Journal of Neuroscience Research</i> , 2003, 73, 316-323.	1.3	44
17	Amyloid- β : A vascular sealant that protects against hemorrhage?. <i>Journal of Neuroscience Research</i> , 2002, 70, 356-356.	1.3	40
18	Synergistic accumulation of iron and zinc by cultured astrocytes. <i>Journal of Neural Transmission</i> , 2010, 117, 809-817.	1.4	39

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19	Histidine, cystine, glutamine, and threonine collectively protect astrocytes from the toxicity of zinc. <i>Free Radical Biology and Medicine</i> , 2010, 49, 649-657.	1.3	38
20	Uptake, metabolism and toxicity of hemin in cultured neurons. <i>Neurochemistry International</i> , 2011, 58, 804-811.	1.9	35
21	Astrocytes retain their antioxidant capacity into advanced old age. <i>Glia</i> , 2010, 58, 1500-1509.	2.5	34
22	The Search for an Amyloid Solution. <i>Science</i> , 2002, 298, 962-964.	6.0	30
23	The metabolism and toxicity of hemin in astrocytes. <i>Glia</i> , 2011, 59, 1540-1550.	2.5	25
24	Alzheimer vaccine: amyloid- β on trial. <i>BioEssays</i> , 2003, 25, 283-288.	1.2	24
25	Call for Elan to publish Alzheimer's trial details. <i>Nature</i> , 2002, 416, 677-677.	13.7	22
26	Uptake and Toxicity of Hemin and Iron in Cultured Mouse Astrocytes. <i>Neurochemical Research</i> , 2016, 41, 298-306.	1.6	20
27	Pharmacological but not physiological concentrations of melatonin reduce iron-induced neuronal death in rat cerebral cortex. <i>Neuroscience Letters</i> , 2004, 362, 182-184.	1.0	19
28	Deposits of fibrillar A β do not cause neuronal loss or ferritin expression in adult rat brain. <i>Journal of Neural Transmission</i> , 2003, 110, 381-400.	1.4	13
29	Inhibition of Astrocytic Glutamine Synthetase by Lead is Associated with a Slowed Clearance of Hydrogen Peroxide by the Glutathione System. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 61.	1.0	11
30	Copper Induces Apoptosis of Neuroblastoma Cells Via Post-translational Regulation of the Expression of Bcl-2-family Proteins and the tx Mouse is a Better Model of Hepatic than Brain Cu Toxicity. <i>International Journal of Clinical and Experimental Medicine</i> , 2008, 1, 76-88.	1.3	11
31	Effects of carboxylic acids on the uptake of non-transferrin-bound iron by astrocytes. <i>Neurochemistry International</i> , 2010, 56, 843-849.	1.9	9
32	Altered cellular distribution of iron in rat cerebral cortex during the oestrous cycle. <i>Journal of Neural Transmission</i> , 2004, 111, 159-165.	1.4	8
33	Iron homeostasis is maintained in the brain, but not the liver, following mild hypoxia. <i>Redox Report</i> , 2007, 12, 257-266.	1.4	8
34	Phenanthrolines Protect Astrocytes from Hemin Without Chelating Iron. <i>Neurochemical Research</i> , 2014, 39, 693-699.	1.6	3
35	Alzheimer vaccine: an update. <i>BioEssays</i> , 2003, 25, 1025-1025.	1.2	0