Giselle Penton-Rol

List of Publications by Year
in descending order

19 papers	484 citations	687363 13 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	478 citing authors

#	Article	IF	Citations
1	C-Phycocyanin is neuroprotective against global cerebral ischemia/reperfusion injury in gerbils. Brain Research Bulletin, 2011, 86, 42-52.	3.0	72
2	C-Phycocyanin ameliorates experimental autoimmune encephalomyelitis and induces regulatory T cells. International Immunopharmacology, 2011, 11, 29-38.	3.8	46
3	TNF-Î± and IL-10 downregulation and marked oxidative stress in Neuromyelitis Optica. Journal of Inflammation, 2009, 6, 18.	3.4	45
4	Phycocyanobilin promotes PC12 cell survival and modulates immune and inflammatory genes and oxidative stress markers in acute cerebral hypoperfusion in rats. Toxicology and Applied Pharmacology, 2013, 272, 49-60.	2.8	45
5	Beneficial effects of oral administration of C-Phycocyanin and Phycocyanobilin in rodent models of experimental autoimmune encephalomyelitis. Life Sciences, 2018, 194, 130-138.	4.3	40
6	C-Phycocyanin protects SH-SY5Y cells from oxidative injury, rat retina from transient ischemia and rat brain mitochondria from Ca2+/phosphate-induced impairment. Brain Research Bulletin, 2012, 89, 159-167.	3.0	37
7	C-Phycocyanin and Phycocyanobilin as Remyelination Therapies for Enhancing Recovery in Multiple Sclerosis and Ischemic Stroke: A Preclinical Perspective. Behavioral Sciences (Basel, Switzerland), 2018, 8, 15.	2.1	31
8	C-Phycocyanin-derived Phycocyanobilin as a Potential Nutraceutical Approach for Major Neurodegenerative Disorders and COVID-19- induced Damage to the Nervous System. Current Neuropharmacology, 2021, 19, 2250-2275.	2.9	28
9	The microglial NLRP3 inflammasome is involved in human SARS-CoV-2 cerebral pathogenicity: A report of three post-mortem cases. Journal of Neuroimmunology, 2021, 361, 577728.	2.3	26
10	Comparative Neuroregenerative Effects of C-Phycocyanin and IFN-Beta in a Model of Multiple Sclerosis in Mice. Journal of NeuroImmune Pharmacology, 2016, 11, 153-167.	4.1	22
11	Phycocyanobilin is the molecule responsible for the nephroprotective action of phycocyanin in acute kidney injury caused by mercury. Food and Function, 2021, 12, 2985-2994.	4.6	21
12	Phycocyanobilin reduces brain injury after endothelinâ€1â€•induced focal cerebral ischaemia. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 383-392.	1.9	17
13	Nutraceutical and therapeutic potential of Phycocyanobilin for treating Alzheimerâ€™s disease. Journal of Biosciences, 2021, 46, 1.	1.1	16
14	Multiple Sclerosis and Neurodegenerative Diseases. , 2016, , 63-84.		9
15	Novel Insights into the Molecular Mechanisms Involved in the Neuroprotective Effects of C-Phycocyanin against Brain Ischemia in Rats. Current Pharmaceutical Design, 2022, 28, 1187-1197.	1.9	7
16	Perspectives in immunopharmacology: The future of immunosuppression. Immunology Letters, 2014, 161, 211-215.	2.5	5
17	Construction, purification, and characterization of a chimeric TH1 antagonist. BMC Biotechnology, 2006, 6, 25.	3.3	4
18	Positive effects of Phycocyanobilin on gene expression in glutamate-induced excitotoxicity in SH-SY5Y cells and animal models of multiple sclerosis and cerebral ischemia. Heliyon, 2022, 8, e09769.	3.2	4

#	Article	IF	Citations
19	Pharmacological Strategies Using Biologics as Immunomodulatory Agents. , 2016, , 1-11.		0