Jill H Fowler

List of Publications by Year
in descending order

12	534	840585 11	1281743 11
papers	citations	h-index	g-index

17	17	17	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mild oxidative stress activates Nrf2 in astrocytes, which contributes to neuroprotective ischemic preconditioning. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1-2; author reply E3-4.	3.3	123
2	Selective white matter pathology induces a specific impairment in spatial working memory. Neurobiology of Aging, 2011, 32, 2324.e7-2324.e12.	1.5	74
3	Activation of Nrf2-Regulated Glutathione Pathway Genes by Ischemic Preconditioning. Oxidative Medicine and Cellular Longevity, 2011, 2011, 1-7.	1.9	65
4	Grey Matter and White Matter Ischemic Damage is Reduced by the Competitive AMPA Receptor Antagonist, SPD 502. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1090-1097.	2.4	59
5	Dimethyl fumarate improves white matter function following severe hypoperfusion: Involvement of microglia/macrophages and inflammatory mediators. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1354-1370.	2.4	46
6	Intracerebral injection of AMPA causes axonal damage in vivo. Brain Research, 2003, 991, 104-112.	1.1	37
7	Restoration of Oligodendrocyte Pools in a Mouse Model of Chronic Cerebral Hypoperfusion. PLoS ONE, 2014, 9, e87227.	1.1	35
8	Astrocyte-specific overexpression of Nrf2 protects against optic tract damage and behavioural alterations in a mouse model of cerebral hypoperfusion. Scientific Reports, 2018, 8, 12552.	1.6	30
9	Deficiency of Nrf2 exacerbates white matter damage and microglia/macrophage levels in a mouse model of vascular cognitive impairment. Journal of Neuroinflammation, 2020, 17, 367.	3.1	28
10	The AMPA Receptor Potentiator LY404187 Increases Cerebral Glucose Utilization and c-fos Expression in the Rat. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 1098-1109.	2.4	26
11	Different patterns of axonal damage after intracerebral injection of malonate or AMPA. Experimental Neurology, 2006, 200, 509-520.	2.0	11
12	Connecting to motor recovery after stroke. Brain Communications, 2020, 2, fcaa067.	1.5	0