Valerie C Besson

List of Publications by Year
in descending order

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39	1,537	304368	315357
papers	citations	22 h-index	38 g-index

42	42	42	2112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>miR</scp>â€146b Protects the Perinatal Brain against Microgliaâ€Induced Hypomyelination. Annals of Neurology, 2022, 91, 48-65.	2.8	17
2	Microglia and Neuroinflammation: What Place for P2RY12?. International Journal of Molecular Sciences, 2021, 22, 1636.	1.8	67
3	Neuropharmacology in traumatic brain injury: from preclinical to clinical neuroprotection?. Fundamental and Clinical Pharmacology, 2021, 35, 524-538.	1.0	22
4	Poly(ADP-Ribose) Polymerase Inhibitor PJ34 Reduces Brain Damage after Stroke in the Neonatal Mouse Brain. Current Issues in Molecular Biology, 2021, 43, 301-312.	1.0	5
5	Insulin-like Growth Factors may be Markers of both Traumatic Brain Injury and Fear-Related Stress. Neuroscience, 2021, 466, 205-221.	1.1	5
6	Traumatic Brain Injury: An Age-Dependent View of Post-Traumatic Neuroinflammation and Its Treatment. Pharmaceutics, 2021, 13, 1624.	2.0	28
7	From positron emission tomography to cell analysis of the 18-kDa Translocator Protein in mild traumatic brain injury. Scientific Reports, 2021, 11, 24009.	1.6	3
8	Histological and Behavioral Evaluation after Traumatic Brain Injury in Mice: A Ten Months Follow-Up Study. Journal of Neurotrauma, 2020, 37, 1342-1357.	1.7	22
9	Cerebral Vasodilator Property of Poly(ADP-Ribose) Polymerase Inhibitor (PJ34) in the Neonatal and Adult Mouse Is Mediated by the Nitric Oxide Pathway. International Journal of Molecular Sciences, 2020, 21, 6569.	1.8	4
10	Early Sex Differences in the Immune-Inflammatory Responses to Neonatal Ischemic Stroke. International Journal of Molecular Sciences, 2019, 20, 3809.	1.8	31
11	Decreased microglial Wnt/Î²-catenin signalling drives microglial pro-inflammatory activation in the developing brain. Brain, 2019, 142, 3806-3833.	3.7	97
12	Opportunities for the repurposing of PARP inhibitors for the therapy of nonâ€oncological diseases. British Journal of Pharmacology, 2018, 175, 192-222.	2.7	160
13	Sex differences in the effects of PARP inhibition on microglial phenotypes following neonatal stroke. Brain, Behavior, and Immunity, 2018, 73, 375-389.	2.0	30
14	Sexually Dimorphic Outcomes after Neonatal Stroke and Hypoxia-Ischemia. International Journal of Molecular Sciences, 2018, 19, 61.	1.8	81
15	Neuroinflammation, myelin and behavior: Temporal patterns following mild traumatic brain injury in mice. PLoS ONE, 2017, 12, e0184811.	1.1	86
16	Cyclooxygenase-2-Derived Prostaglandins Mediate Cerebral Microcirculation in a Juvenile Ischemic Rat Model. Stroke, 2016, 47, 3048-3052.	1.0	11
17	Sildenafil, a cyclic GMP phosphodiesterase inhibitor, induces microglial modulation after focal ischemia in the neonatal mouse brain. Journal of Neuroinflammation, 2016, 13, 95.	3.1	47
18	Neurological and Histological Consequences Induced by In Vivo Cerebral Oxidative Stress: Evidence for Beneficial Effects of SRT1720, a Sirtuin 1 Activator, and Sirtuin 1-Mediated Neuroprotective Effects of Poly(ADP-ribose) Polymerase Inhibition. PLoS ONE, 2014, 9, e87367.	1.1	26

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19	Simvastatin in traumatic brain injury: Effect on brain edema mechanisms. Critical Care Medicine, 2011, 39, 2300-2307.	0.4	49
20	Long-term histological and behavioural characterisation of a collagenase-induced model of intracerebral haemorrhage in rats. Journal of Neuroscience Methods, 2010, 191, 180-190.	1.3	32
21	A Novel PARP Inhibitor L-2286 in a Rat Model of Impact Acceleration Head Injury: An Immunohistochemical and Behavioral Study. International Journal of Molecular Sciences, 2010, 11, 1253-1268.	1.8	3
22	Metabolic Response and Nutritional Support in Traumatic Brain Injury: Evidence for Resistance to Renutrition. Journal of Neurotrauma, 2009, 26, 1911-1920.	1.7	31
23	Drug targets for traumatic brain injury from poly(ADPâ€ribose)polymerase pathway modulation. British Journal of Pharmacology, 2009, 157, 695-704.	2.7	42
24	Consequences of head injury and static cold storage on hepatic function: ex vivo experiments using a model of isolated perfused rat liver. Metabolism: Clinical and Experimental, 2009, 58, 1550-1556.	1.5	1
25	Evidence for Impairment of Hepatic Energy Homeostasis in Head-Injured Rat. Journal of Neurotrauma, 2008, 25, 124-129.	1.7	15
26	Combination Therapy with Fenofibrate, a Peroxisome Proliferator-Activated Receptor Î± Agonist, and Simvastatin, a 3-Hydroxy-3-methylglutaryl-Coenzyme A Reductase Inhibitor, on Experimental Traumatic Brain Injury. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 966-974.	1.3	46
27	Neurological Recovery-Promoting, Anti-Inflammatory, and Anti-Oxidative Effects Afforded by Fenofibrate, a PPAR Alpha Agonist, in Traumatic Brain Injury. Journal of Neurotrauma, 2007, 24, 1119-1131.	1.7	131
28	Effect of an immune-enhancing diet on lymphocyte in head-injured rats: What is the role of arginine?. Intensive Care Medicine, 2007, 33, 1076-1084.	3.9	19
29	Impairment of lymphocyte function in head-injured rats: Effects of standard and immune-enhancing diets for enteral nutrition. Clinical Nutrition, 2006, 25, 832-841.	2.3	29
30	Arginine-enriched diet limits plasma and muscle glutamine depletion in head-injured rats. Nutrition, 2006, 22, 1039-1044.	1.1	13
31	Time course of oxidative stress, lesion and edema after intrastriatal injection of malonate in rat: effect of alpha-phenyl-N-tert-butylnitrone. Fundamental and Clinical Pharmacology, 2005, 19, 57-64.	1.0	7
32	Beneficial effects of PJ34 and INO-1001, two novel water-soluble poly(ADP-ribose) polymerase inhibitors, on the consequences of traumatic brain injury in rat. Brain Research, 2005, 1041, 149-156.	1.1	46
33	Poly (ADP-Ribose) Polymerase Inhibitors as Potential Therapeutic Agents in Stroke and Neurotrauma. CNS and Neurological Disorders, 2005, 4, 179-194.	4.3	48
34	Fenofibrate, a peroxisome proliferator-activated receptor Î± agonist, exerts neuroprotective effects in traumatic brain injury. Neuroscience Letters, 2005, 388, 7-12.	1.0	86
35	1400W, a potent selective inducible NOS inhibitor, improves histopathological outcome following traumatic brain injury in rats. Nitric Oxide - Biology and Chemistry, 2005, 12, 61-69.	1.2	69
36	Peroxisome proliferator-activated receptor alpha activation promotes neurological recovery and exerts anti-edematous effect in a model of traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S48-S48.	2.4	0

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37	Cortical calcium increase following traumatic brain injury represents a pitfall in the evaluation of Ca2+-independent NOS activity. Journal of Neuroscience Methods, 2004, 138, 73-79.	1.3	24
38	Deleterious poly(ADP-ribose)polymerase-1 pathway activation in traumatic brain injury in rat. Brain Research, 2003, 989, 58-66.	1.1	80
39	Deleterious Activation of Poly(ADP-Ribose)Polymerase-1 in Brain afterIn VivoOxidative Stress. Free Radical Research, 2003, 37, 1201-1208.	1.5	22