

Valerie C Besson

List of Publications by Year in descending order

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39
papers

1,537
citations

304368

22
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

2112
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunities for the repurposing of PARP inhibitors for the therapy of non-oncological diseases. <i>British Journal of Pharmacology</i> , 2018, 175, 192-222.	2.7	160
2	Neurological Recovery-Promoting, Anti-Inflammatory, and Anti-Oxidative Effects Afforded by Fenofibrate, a PPAR Alpha Agonist, in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2007, 24, 1119-1131.	1.7	131
3	Decreased microglial Wnt/ β -catenin signalling drives microglial pro-inflammatory activation in the developing brain. <i>Brain</i> , 2019, 142, 3806-3833.	3.7	97
4	Fenofibrate, a peroxisome proliferator-activated receptor α agonist, exerts neuroprotective effects in traumatic brain injury. <i>Neuroscience Letters</i> , 2005, 388, 7-12.	1.0	86
5	Neuroinflammation, myelin and behavior: Temporal patterns following mild traumatic brain injury in mice. <i>PLoS ONE</i> , 2017, 12, e0184811.	1.1	86
6	Sexually Dimorphic Outcomes after Neonatal Stroke and Hypoxia-Ischemia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 61.	1.8	81
7	Deleterious poly(ADP-ribose)polymerase-1 pathway activation in traumatic brain injury in rat. <i>Brain Research</i> , 2003, 989, 58-66.	1.1	80
8	1400W, a potent selective inducible NOS inhibitor, improves histopathological outcome following traumatic brain injury in rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2005, 12, 61-69.	1.2	69
9	Microglia and Neuroinflammation: What Place for P2RY12?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1636.	1.8	67
10	Simvastatin in traumatic brain injury: Effect on brain edema mechanisms. <i>Critical Care Medicine</i> , 2011, 39, 2300-2307.	0.4	49
11	Poly (ADP-Ribose) Polymerase Inhibitors as Potential Therapeutic Agents in Stroke and Neurotrauma. <i>CNS and Neurological Disorders</i> , 2005, 4, 179-194.	4.3	48
12	Sildenafil, a cyclic GMP phosphodiesterase inhibitor, induces microglial modulation after focal ischemia in the neonatal mouse brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 95.	3.1	47
13	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. <i>Brain Research</i> , 2005, 1041, 149-156.	1.1	46
14	Combination Therapy with Fenofibrate, a Peroxisome Proliferator-Activated Receptor α Agonist, and Simvastatin, a 3-Hydroxy-3-methylglutaryl-Coenzyme A Reductase Inhibitor, on Experimental Traumatic Brain Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 966-974.	1.3	46
15	Drug targets for traumatic brain injury from poly(ADP-ribose)polymerase pathway modulation. <i>British Journal of Pharmacology</i> , 2009, 157, 695-704.	2.7	42
16	Long-term histological and behavioural characterisation of a collagenase-induced model of intracerebral haemorrhage in rats. <i>Journal of Neuroscience Methods</i> , 2010, 191, 180-190.	1.3	32
17	Metabolic Response and Nutritional Support in Traumatic Brain Injury: Evidence for Resistance to Renutrition. <i>Journal of Neurotrauma</i> , 2009, 26, 1911-1920.	1.7	31
18	Early Sex Differences in the Immune-Inflammatory Responses to Neonatal Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3809.	1.8	31

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19	Sex differences in the effects of PARP inhibition on microglial phenotypes following neonatal stroke. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 375-389.	2.0	30
20	Impairment of lymphocyte function in head-injured rats: Effects of standard and immune-enhancing diets for enteral nutrition. <i>Clinical Nutrition</i> , 2006, 25, 832-841.	2.3	29
21	Traumatic Brain Injury: An Age-Dependent View of Post-Traumatic Neuroinflammation and Its Treatment. <i>Pharmaceutics</i> , 2021, 13, 1624.	2.0	28
22	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. <i>PLoS ONE</i> , 2014, 9, e87367.	1.1	26
23	Cortical calcium increase following traumatic brain injury represents a pitfall in the evaluation of Ca ²⁺ -independent NOS activity. <i>Journal of Neuroscience Methods</i> , 2004, 138, 73-79.	1.3	24
24	Deleterious Activation of Poly(ADP-Ribose)Polymerase-1 in Brain after In Vivo Oxidative Stress. <i>Free Radical Research</i> , 2003, 37, 1201-1208.	1.5	22
25	Histological and Behavioral Evaluation after Traumatic Brain Injury in Mice: A Ten Months Follow-Up Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1342-1357.	1.7	22
26	Neuropharmacology in traumatic brain injury: from preclinical to clinical neuroprotection?. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 524-538.	1.0	22
27	Effect of an immune-enhancing diet on lymphocyte in head-injured rats: What is the role of arginine?. <i>Intensive Care Medicine</i> , 2007, 33, 1076-1084.	3.9	19
28	miR-146b Protects the Perinatal Brain against Microglia-Induced Hypomyelination. <i>Annals of Neurology</i> , 2022, 91, 48-65.	2.8	17
29	Evidence for Impairment of Hepatic Energy Homeostasis in Head-Injured Rat. <i>Journal of Neurotrauma</i> , 2008, 25, 124-129.	1.7	15
30	Arginine-enriched diet limits plasma and muscle glutamine depletion in head-injured rats. <i>Nutrition</i> , 2006, 22, 1039-1044.	1.1	13
31	Cyclooxygenase-2-Derived Prostaglandins Mediate Cerebral Microcirculation in a Juvenile Ischemic Rat Model. <i>Stroke</i> , 2016, 47, 3048-3052.	1.0	11
32	Time course of oxidative stress, lesion and edema after intrastriatal injection of malonate in rat: effect of alpha-phenyl-N-tert-butyl nitrone. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 57-64.	1.0	7
33	Poly(ADP-Ribose) Polymerase Inhibitor PJ34 Reduces Brain Damage after Stroke in the Neonatal Mouse Brain. <i>Current Issues in Molecular Biology</i> , 2021, 43, 301-312.	1.0	5
34	Insulin-like Growth Factors may be Markers of both Traumatic Brain Injury and Fear-Related Stress. <i>Neuroscience</i> , 2021, 466, 205-221.	1.1	5
35	Cerebral Vasodilator Property of Poly(ADP-Ribose) Polymerase Inhibitor (PJ34) in the Neonatal and Adult Mouse Is Mediated by the Nitric Oxide Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6569.	1.8	4
36	A Novel PARP Inhibitor L-2286 in a Rat Model of Impact Acceleration Head Injury: An Immunohistochemical and Behavioral Study. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1253-1268.	1.8	3

#	ARTICLE	IF	CITATIONS
37	From positron emission tomography to cell analysis of the 18-kDa Translocator Protein in mild traumatic brain injury. <i>Scientific Reports</i> , 2021, 11, 24009.	1.6	3
38	Consequences of head injury and static cold storage on hepatic function: ex vivo experiments using a model of isolated perfused rat liver. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 1550-1556.	1.5	1
39	Peroxisome proliferator-activated receptor alpha activation promotes neurological recovery and exerts anti-edematous effect in a model of traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S48-S48.	2.4	0