

Paco S Herson

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,577
citations

186265
28
h-index

214800
47
g-index

77
all docs

77
docs citations

77
times ranked

3547
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the fibrinolytic speed limit with microwheel coâ€delivery of tissue plasminogen activator and plasminogen. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 486-497.	3.8	13
2	Cerebral ischemia in the developing brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1777-1796.	4.3	14
3	Mitochondrial transfer from mesenchymal stem cells improves neuronal metabolism after oxidant injury in vitro: The role of Miro1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 761-770.	4.3	67
4	Hippocampal network dysfunction as a mechanism of early-onset dementia after preeclampsia and eclampsia. <i>Progress in Neurobiology</i> , 2021, 199, 101938.	5.7	7
5	Association Between Chronic Inflammatory Diseases and Stroke-Associated Pneumonia â€ An Epidemiological Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105605.	1.6	5
6	Extinction blunts paraventricular thalamic contributions to heroin relapse. <i>Cell Reports</i> , 2021, 36, 109605.	6.4	16
7	Microvesicles transfer mitochondria and increase mitochondrial function in brain endothelial cells. <i>Journal of Controlled Release</i> , 2021, 338, 505-526.	9.9	65
8	Down-regulation of AMPA receptors and long-term potentiation during early epileptogenesis. <i>Epilepsy and Behavior</i> , 2021, 124, 108320.	1.7	7
9	Functional Restoration following Global Cerebral Ischemia in Juvenile Mice following Inhibition of Transient Receptor Potential M2 (TRPM2) Ion Channels. <i>Neural Plasticity</i> , 2021, 2021, 1-10.	2.2	2
10	GluN2B S1303 phosphorylation by CaMKII or DAPK1: No indication for involvement in ischemia or LTP. <i>IScience</i> , 2021, 24, 103214.	4.1	11
11	CaMKII± knockout protects from ischemic neuronal cell death after resuscitation from cardiac arrest. <i>Brain Research</i> , 2021, 1773, 147699.	2.2	5
12	Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. <i>Cell Reports</i> , 2021, 37, 110142.	6.4	16
13	Influence of Time to Transport to a Higher Level Facility on the Clinical Outcomes of US Combat Casualties with TBI: A Multicenter 7-Year Study. <i>Military Medicine</i> , 2020, 185, e138-e145.	0.8	7
14	Experimental pediatric stroke shows age-specific recovery of cognition and role of hippocampal Nogo-A receptor signaling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 588-599.	4.3	16
15	Calcium/Calmodulin-Dependent Kinase (CaMKII) Inhibition Protects Against Purkinje Cell Damage Following CA/CPR in Mice. <i>Molecular Neurobiology</i> , 2020, 57, 150-158.	4.0	12
16	Reversal of Global Ischemia-Induced Cognitive Dysfunction by Delayed Inhibition of TRPM2 Ion Channels. <i>Translational Stroke Research</i> , 2020, 11, 254-266.	4.2	15
17	CaMKII versus DAPK1 Binding to GluN2B in Ischemic Neuronal Cell Death after Resuscitation from Cardiac Arrest. <i>Cell Reports</i> , 2020, 30, 1-8.e4.	6.4	46
18	Neonatal Ketamine Alters High-Frequency Oscillations and Synaptic Plasticity in the Subiculum But Does not Affect Sleep Macrostructure in Adolescent Rats. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 26.	2.5	9

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19	Ketamine Administration in Prehospital Combat Injured Patients With Traumatic Brain Injury: A 10-Year Report of Survival. <i>Cureus</i> , 2020, 12, e9248.	0.5	4
20	Acute Inflammatory Responses are Critical for Neuronal Replacement and Improved Functional Recovery Following Cerebral Ischemia. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
21	Circulating heparin oligosaccharides rapidly target the hippocampus in sepsis, potentially impacting cognitive functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9208-9213.	7.1	45
22	Age-associated hippocampal volume changes in childhood arterial ischemic stroke. <i>Child's Nervous System</i> , 2019, 35, 295-300.	1.1	3
23	Delayed inhibition of tonic inhibition enhances functional recovery following experimental ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1005-1014.	4.3	28
24	Juvenile cerebral ischemia reveals age-dependent BDNF-TrkB signaling changes: Novel mechanism of recovery and therapeutic intervention. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2223-2235.	4.3	12
25	Analysis of the CaMKII α and β splice-variant distribution among brain regions reveals isoform-specific differences in holoenzyme formation. <i>Scientific Reports</i> , 2018, 8, 5448.	3.3	43
26	Endogenous Neuronal Replacement in the Juvenile Brain Following Cerebral Ischemia. <i>Neuroscience</i> , 2018, 380, 1-13.	2.3	9
27	Endogenous Sex Steroids Dampen Neuroinflammation and Improve Outcome of Traumatic Brain Injury in Mice. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 410-420.	2.3	36
28	More than a biomarker: the systemic consequences of heparan sulfate fragments released during endothelial surface layer degradation (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018, 8, 1-10.	1.7	19
29	Oligodendrocyte Progenitor Cell Proliferation and Fate after White Matter Stroke in Juvenile and Adult Mice. <i>Developmental Neuroscience</i> , 2018, 40, 601-616.	2.0	17
30	Cofilin-actin rod formation in neuronal processes after brain ischemia. <i>PLoS ONE</i> , 2018, 13, e0198709.	2.5	24
31	Cardiac Arrest Induces Ischemic Long-Term Potentiation of Hippocampal CA1 Neurons That Occludes Physiological Long-Term Potentiation. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	2.2	9
32	Mild myelin disruption elicits early alteration in behavior and proliferation in the subventricular zone. <i>ELife</i> , 2018, 7, .	6.0	33
33	Sex differences in stroke: Challenges and opportunities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2179-2191.	4.3	191
34	Structure-Activity Relationship of the Transient Receptor Potential Melastatin 2 (TRPM2) and a Novel Peptide Antagonist TatM2NX: Potential Therapeutic Target in Cerebral Ischemia. <i>FASEB Journal</i> , 2018, 32, 824.5.	0.5	0
35	Autonomous CaMKII Activity as a Drug Target for Histological and Functional Neuroprotection after Resuscitation from Cardiac Arrest. <i>Cell Reports</i> , 2017, 18, 1109-1117.	6.4	45
36	Long-term depression in Purkinje neurons is persistently impaired following cardiac arrest and cardiopulmonary resuscitation in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3053-3064.	4.3	9

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37	Enhanced Fibrinolysis with Magnetically Powered Colloidal Microwheels. <i>Small</i> , 2017, 13, 1700954.	10.0	59
38	Predicting Progression of Intracranial Arteriopathies in Childhood Stroke With Vessel Wall Imaging. <i>Stroke</i> , 2017, 48, 2274-2277.	2.0	38
39	The role of T-type calcium channels in the subiculum: to burst or not to burst?. <i>Journal of Physiology</i> , 2017, 595, 6327-6348.	2.9	29
40	Juvenile striatal white matter is resistant to ischemia-induced damage. <i>Glia</i> , 2016, 64, 1972-1986.	4.9	24
41	Neuropathophysiology of Brain Injury. <i>Anesthesiology Clinics</i> , 2016, 34, 453-464.	1.4	89
42	Sex-Related Differences in the Risk of Hospital-Acquired Sepsis and Pneumonia Post Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2399-2404.	1.6	28
43	EEG power as a biomarker to predict the outcome after cardiac arrest and cardiopulmonary resuscitation induced global ischemia. <i>Life Sciences</i> , 2016, 165, 21-25.	4.3	8
44	Col1a1+ perivascular cells in the brain are a source of retinoic acid following stroke. <i>BMC Neuroscience</i> , 2016, 17, 49.	1.9	57
45	Extended therapeutic window of a novel peptide inhibitor of TRPM2 channels following focal cerebral ischemia. <i>Experimental Neurology</i> , 2016, 283, 151-156.	4.1	44
46	Sirtuin-2 mediates male specific neuronal injury following experimental cardiac arrest through activation of TRPM2 ion channels. <i>Experimental Neurology</i> , 2016, 275, 78-83.	4.1	21
47	Arginase I Release from Activated Neutrophils Induces Peripheral Immunosuppression in a Murine Model of Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1657-1663.	4.3	37
48	(+)-Naltrexone is neuroprotective and promotes alternative activation in the mouse hippocampus after cardiac arrest/cardiopulmonary resuscitation. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 115-122.	4.1	27
49	Alpha-2 agonist attenuates ischemic injury in spinal cord neurons. <i>Journal of Surgical Research</i> , 2015, 195, 21-28.	1.6	11
50	Clinical indicators of paraplegia underplay universal spinal cord neuronal injury from transient aortic occlusion. <i>Brain Research</i> , 2015, 1618, 55-60.	2.2	7
51	Animal models of stroke: translational potential at present and in 2050. <i>Future Neurology</i> , 2014, 9, 541-551.	0.5	60
52	Androgens and stroke: Good, bad or indifferent?. <i>Experimental Neurology</i> , 2014, 259, 10-15.	4.1	37
53	Pro-inflammatory T-lymphocytes rapidly infiltrate into the brain and contribute to neuronal injury following cardiac arrest and cardiopulmonary resuscitation. <i>Journal of Neuroimmunology</i> , 2014, 274, 132-140.	2.3	38
54	Interruption of spinal cord microglial signaling by alpha-2 agonist dexmedetomidine in a murine model of delayed paraplegia. <i>Journal of Vascular Surgery</i> , 2014, 59, 1090-1097.	1.1	17

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55	Dexmedetomidine, an Î±-2a adrenergic agonist, promotes ischemic tolerance in a murine model of spinal cord ischemia-reperfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 500-507.	0.8	53
56	Sex Steroids Do Not Modulate TRPM2-Mediated Injury in Females following Middle Cerebral Artery Occlusion. <i>ENeuro</i> , 2014, 1, ENEURO.0022-14.2014.	1.9	10
57	Biological Sex and Mechanisms of Ischemic Brain Injury. <i>Translational Stroke Research</i> , 2013, 4, 413-419.	4.2	46
58	Inhibition of Soluble Epoxide Hydrolase after Cardiac Arrest/Cardiopulmonary Resuscitation Induces a Neuroprotective Phenotype in Activated Microglia and Improves Neuronal Survival. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1574-1581.	4.3	28
59	Alterations in Purkinje cell GABA _A receptor pharmacology following oxygen and glucose deprivation and cerebral ischemia reveal novel contribution of Î² ₁ -containing receptors. <i>European Journal of Neuroscience</i> , 2013, 37, 555-563.	2.6	13
60	Experimental Pediatric Arterial Ischemic Stroke Model Reveals Sex-specific Estrogen Signaling. <i>Stroke</i> , 2013, 44, 759-763.	2.0	22
61	Androgen and PARP-1 Regulation of TRPM2 Channels after Ischemic Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1549-1555.	4.3	67
62	Sex Stratified Neuronal Cultures to Study Ischemic Cell Death Pathways. <i>Journal of Visualized Experiments</i> , 2013, , e50758.	0.3	5
63	Sex difference in sensitivity to allopregnanolone neuroprotection in mice correlates with effect on spontaneous inhibitory post synaptic currents. <i>Neuropharmacology</i> , 2011, 61, 724-729.	4.1	26
64	Role of Salt-Induced Kinase 1 in Androgen Neuroprotection against Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 339-350.	4.3	36
65	Sex Differences in Neuroprotection Provided by Inhibition of TRPM2 Channels following Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2160-2168.	4.3	105
66	Regulatory B Cells Limit CNS Inflammation and Neurologic Deficits in Murine Experimental Stroke. <i>Journal of Neuroscience</i> , 2011, 31, 8556-8563.	3.6	249
67	SK2 Channels Are Neuroprotective for Ischemia-Induced Neuronal Cell Death. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2302-2312.	4.3	65
68	Testosterone exacerbates neuronal damage following cardiac arrest and cardiopulmonary resuscitation in mouse. <i>Brain Research</i> , 2010, 1357, 124-130.	2.2	28
69	Gender and the injured brain. <i>Progress in Brain Research</i> , 2010, 186, 177-187.	1.4	23
70	Sex, Sex Steroids, and Brain Injury. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 229-239.	1.1	140
71	Dose-Dependent Effects of Androgens on Outcome after Focal Cerebral Ischemia in Adult Male Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1454-1462.	4.3	103
72	Ischemic insult to cerebellar Purkinje cells causes diminished GABA _A receptor function and allopregnanolone neuroprotection is associated with GABA _A receptor stabilization. <i>Journal of Neurochemistry</i> , 2008, 107, 668-678.	3.9	41

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73	Neurosteroids sensitize female mice to stress. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S585-S585.	4.3	0
74	Small-conductance calcium-activated potassium currents in mouse hyperexcitable denervated skeletal muscle. <i>Journal of Physiology</i> , 2001, 536, 397-407.	2.9	26