Creed M Stary

List of Publications by Year
in descending order

79 papers	2,218 citations	270111 25 h-index	274796 44 g-index
79 all docs	79 docs citations	79 times ranked	2861 citing authors

#	Article	IF	Citations
1	Synthesis and Development of a Novel First-in-Class Cofilin Inhibitor for Neuroinflammation in Hemorrhagic Brain Injury. ACS Chemical Neuroscience, 2022, 13, 1014-1029.	1.7	8
2	Sexâ€differences and cell typeâ€specific alterations in brain Bcl2 expression after transient focal cerebral ischemia in aged mice. FASEB Journal, 2022, 36, .	0.2	0
3	Efficacy of postâ€injury antiâ€miRâ€181a and antiâ€miRâ€200c intravenous treatment in protection against experimental stroke in aged mice. FASEB Journal, 2022, 36, .	0.2	0
4	Extracellular vesicle-derived miRNA as a novel regulatory system for bi-directional communication in gut-brain-microbiota axis. Journal of Translational Medicine, 2021, 19, 202.	1.8	24
5	MicroRNA-338 inhibition protects against focal cerebral ischemia and preserves mitochondrial function in vitro in astrocytes and neurons via COX4I1. Mitochondrion, 2021, 59, 105-112.	1.6	13
6	Expression of miR-200c corresponds with increased reactive oxygen species and hypoxia markers after transient focal ischemia in mice. Neurochemistry International, 2021, 149, 105146.	1.9	5
7	Systematic Study of the Immune Components after Ischemic Stroke Using CyTOF Techniques. Journal of Immunology Research, 2020, 2020, 1-13.	0.9	14
8	Adult neurogenesis from reprogrammed astrocytes. Neural Regeneration Research, 2020, 15, 973.	1.6	19
9	Preâ€treatment with miRâ€182 Antagomir Mitigates Ischemic Brain Damage by Reducing Astrocytes Injury and Inflammation. FASEB Journal, 2020, 34, 1-1.	0.2	0
10	Elucidating sex differences in response to cerebral ischemia: immunoregulatory mechanisms and the role of microRNAs. Progress in Neurobiology, 2019, 176, 73-85.	2.8	21
11	Stem Cell-Derived Exosomes Protect Astrocyte Cultures From in vitro Ischemia and Decrease Injury as Post-stroke Intravenous Therapy. Frontiers in Cellular Neuroscience, 2019, 13, 394.	1.8	64
12	Nursing Markedly Protects Postpartum Mice From Stroke: Associated Central and Peripheral Neuroimmune Changes and a Role for Oxytocin. Frontiers in Neuroscience, 2019, 13, 609.	1.4	6
13	Pregabalin: Potential for Addiction and a Possible Glutamatergic Mechanism. Scientific Reports, 2019, 9, 15136.	1.6	18
14	Hippocampal sub-regional differences in the microRNA response to forebrain ischemia. Molecular and Cellular Neurosciences, 2019, 98, 164-178.	1.0	7
15	Pre-treatment with microRNA-181a Antagomir Prevents Loss of Parvalbumin Expression and Preserves Novel Object Recognition Following Mild Traumatic Brain Injury. NeuroMolecular Medicine, 2019, 21, 170-181.	1.8	14
16	Ageâ€dependent sexual dimorphism in hippocampal cornu ammonisâ€1 perineuronal net expression in rats. Brain and Behavior, 2019, 9, e01265.	1.0	24
17	Postinjury Inhibition of miR-181a Promotes Restoration of Hippocampal CA1 Neurons after Transient Forebrain Ischemia in Rats. ENeuro, 2019, 6, ENEURO.0002-19.2019.	0.9	11
18	Engineering chimeric antigen receptor-T cells for cancer treatment. Molecular Cancer, 2018, 17, 32.	7.9	57

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19	Bidirectional gut-brain-microbiota axis as a potential link between inflammatory bowel disease and ischemic stroke. Journal of Neuroinflammation, 2018, 15, 339.	3.1	82
20	Ferroptosis Contributes to Isoflurane Neurotoxicity. Frontiers in Molecular Neuroscience, 2018, 11, 486.	1.4	38
21	Profiling the Postâ€Injury Hippocampal MicroRNA Response to Transient Forebrain Ischemia: Subâ€regional Differences Between Cornu Ammonisâ€1 and Dentate Gyrus. FASEB Journal, 2018, 32, lb409.	0.2	0
22	MicroRNAâ€181a mediates neuronal differentiation and modulates microtubule stability.. FASEB Journal, 2018, 32, 740.8.	0.2	0
23	Inhibition of miR-181a protects female mice from transient focal cerebral ischemia by targeting astrocyte estrogen receptor-Î±. Molecular and Cellular Neurosciences, 2017, 82, 118-125.	1.0	44
24	Anesthetic neurotoxicity: an emerging role for glia in neuroprotection. Journal of Molecular Medicine, 2017, 95, 349-351.	1.7	6
25	Advances in Immunotherapy for Glioblastoma Multiforme. Journal of Immunology Research, 2017, 2017, 1-11.	0.9	73
26	Genetically Modified T-Cell-Based Adoptive Immunotherapy in Hematological Malignancies. Journal of Immunology Research, 2017, 2017, 1-13.	0.9	24
27	Serum prealbumin as an effective prognostic indicator for determining clinical status and prognosis in patients with hemorrhagic stroke. Neural Regeneration Research, 2017, 12, 1097.	1.6	13
28	Targeting Glial Mitochondrial Function for Protection from Cerebral Ischemia: Relevance, Mechanisms, and the Role of MicroRNAs. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	23
29	Single-Cell Sequencing Technology in Oncology: Applications for Clinical Therapies and Research. Analytical Cellular Pathology, 2016, 2016, 1-8.	0.7	5
30	Cytosolic calcium transients are a determinant of contraction-induced HSP72 transcription in single skeletal muscle fibers. Journal of Applied Physiology, 2016, 120, 1260-1266.	1.2	5
31	Transient Receptor Potential Vanilloid 1 Regulates Mitochondrial Membrane Potential and Myocardial Reperfusion Injury. Journal of the American Heart Association, 2016, 5, .	1.6	37
32	miR-29a differentially regulates cell survival in astrocytes from cornu ammonis 1 and dentate gyrus by targeting VDAC1. Mitochondrion, 2016, 30, 248-254.	1.6	28
33	A high-resolution method for assessing cellular oxidative phosphorylation efficiency: bringing mitochondrial bioenergetics into focus. Focus on â€œDirect real-time quantification of mitochondrial oxidative phosphorylation efficiency in permeabilized skeletal muscle myofibersâ€• American Journal of Physiology - Cell Physiology, 2016, 311, C237-C238.	2.1	4
34	Exploring and exploiting unique properties of the hippocampal dentate gyrus for post-stroke therapy: astrocytes link ischemic resistance with neurogenic potential. Neural Regeneration Research, 2016, 11, 1756.	1.6	1
35	Epigenetics. Anesthesiology, 2015, 123, 743-744.	1.3	8
36	Physiologically normal 5% O₂ supports neuronal differentiation and resistance to inflammatory injury in neural stem cell cultures. Journal of Neuroscience Research, 2015, 93, 1703-1712.	1.3	14

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37	Astrocytes Protect against Isoflurane Neurotoxicity by Buffering pro-brainâ€“derived Neurotrophic Factor. Anesthesiology, 2015, 123, 810-819.	1.3	26
38	Molecular Pathogenesis of Anti-NMDAR Encephalitis. BioMed Research International, 2015, 2015, 1-6.	0.9	13
39	Physiologically normal 5% O2supports neuronal differentiation and resistance to inflammatory injury in neural stem cell cultures. Journal of Neuroscience Research, 2015, 93, Spc1-Spc1.	1.3	1
40	MicroRNA-200c Contributes to Injury From Transient Focal Cerebral Ischemia by Targeting Reelin. Stroke, 2015, 46, 551-556.	1.0	74
41	T Cells and Cerebral Ischemic Stroke. Neurochemical Research, 2015, 40, 1786-1791.	1.6	40
42	Role of caveolin-3 in lymphocyte activation. Life Sciences, 2015, 121, 35-39.	2.0	3
43	Post-stroke treatment with miR-181 antagomir reduces injury and improves long-term behavioral recovery in mice after focal cerebral ischemia. Experimental Neurology, 2015, 264, 1-7.	2.0	130
44	The Use of microRNAs to Modulate Redox and Immune Response to Stroke. Antioxidants and Redox Signaling, 2015, 22, 187-202.	2.5	58
45	Advances in Astrocyte-targeted Approaches for Stroke Therapy: An Emerging Role for Mitochondria and microRNAS. Neurochemical Research, 2015, 40, 301-307.	1.6	23
46	microRNAs: Innovative Targets for Cerebral Ischemia and Stroke. Current Drug Targets, 2013, 14, 90-101.	1.0	136
47	Caveolins: targeting pro-survival signaling in the heart and brain. Frontiers in Physiology, 2012, 3, 393.	1.3	40
48	microRNAs: Innovative Targets for Cerebral Ischemia and Stroke. Current Drug Targets, 2012, 14, 90-101.	1.0	5
49	Reversible tetracylineâ€controlled transactivator (rtTA)â€inducible expression of neuronâ€targeted Cavâ€1 and recovery after neuronal injury. FASEB Journal, 2012, 26, 1035.4.	0.2	0
50	Idiopathic granulomatous mastitis associated with corynebacterium sp. Infection. Hawaii Medical Journal, 2011, 70, 99-101.	0.4	25
51	The O2 cost of the tension-time integral in isolated single myocytes during fatigue. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R983-R988.	0.9	26
52	Glycolytic activation at the onset of contractions in isolated <i>Xenopus laevis</i> single myofibres. Experimental Physiology, 2008, 93, 1076-1084.	0.9	7
53	Elevation in heat shock protein 72 mRNA following contractions in isolated single skeletal muscle fibers. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R642-R648.	0.9	8
54	Elevation Of Heat Shock Protein 72 mRNA In Contracting Single Xenopus Muscle Fibers Is Fiber Type-And Not Fatigue-dependent. Medicine and Science in Sports and Exercise, 2007, 39, S222.	0.2	0

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55	Measurement of activation energy and oxidative phosphorylation onset kinetics in isolated muscle fibers in the absence of cross-bridge cycling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1707-R1713.	0.9	28
56	Fiber type differences in O ₂ cost of force development during fatigue in isolated single fibers. FASEB Journal, 2006, 20, .	0.2	0
57	Inhibition of crossbridge cycling improves cytosolic Ca ²⁺ handling during highâ€frequency stimulation of isolated skeletal myocytes.. FASEB Journal, 2006, 20, A810.	0.2	0
58	Relationship between intracellular Po2 recovery kinetics and fatigability in isolated single frog myocytes. Journal of Applied Physiology, 2005, 98, 2316-2319.	1.2	11
59	Effect of dissociating cytosolic calcium and metabolic rate on intracellularPO2kinetics in single frog myocytes. Journal of Physiology, 2005, 562, 527-534.	1.3	7
60	NAD(P)H fluorescence imaging of mitochondrial metabolism in contracting Xenopus skeletal muscle fibers: effect of oxygen availability. Journal of Applied Physiology, 2005, 98, 1420-1426.	1.2	26
61	Intracellular pH during sequential, fatiguing contractile periods in isolated single Xenopus skeletal muscle fibers. Journal of Applied Physiology, 2005, 99, 308-312.	1.2	14
62	Effects of acute creatine kinase inhibition on metabolism and tension development in isolated single myocytes. Journal of Applied Physiology, 2005, 98, 541-549.	1.2	65
63	Determinants of Oxidative Phosphorylation Onset Kinetics in Isolated Myocytes. Medicine and Science in Sports and Exercise, 2005, 37, 1551-1558.	0.2	10
64	Resistance to fatigue of individualXenopussingle skeletal muscle fibres is correlated with mitochondrial volume density. Experimental Physiology, 2004, 89, 617-621.	0.9	17
65	Trimetazidine Reduces Basal Cytosolic Ca2+ Concentration During Hypoxia in Single Xenopus Skeletal Myocytes. Experimental Physiology, 2003, 88, 415-421.	0.9	7
66	No effect of trans sodium crocetinate on maximal O2 conductance or in moderate hypoxia. Respiratory Physiology and Neurobiology, 2003, 134, 239-246.	0.7	5
67	Assessment of O2 uptake dynamics in isolated single skeletal myocytes. Journal of Applied Physiology, 2003, 94, 353-357.	1.2	42
68	Effect of contraction frequency on the contractile and noncontractile phases of muscle venous blood flow. Journal of Applied Physiology, 2003, 95, 1139-1144.	1.2	18
69	Recovery of force during postcontractile depression in singleXenopus muscle fibers. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1469-R1475.	0.9	5
70	Preconditioning improves function and recovery of single muscle fibers during severe hypoxia and reoxygenation. American Journal of Physiology - Cell Physiology, 2001, 281, C142-C146.	2.1	24
71	Structural basis of muscle O2 diffusing capacity: evidence from muscle function in situ. Journal of Applied Physiology, 2000, 88, 560-566.	1.2	84
72	Phosphorylating pathways and fatigue development in contracting Xenopus single skeletal muscle fibers. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R587-R591.	0.9	15

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73	Impairment of Ca²⁺release in single<i>Xenopus</i>muscle fibers fatigued at varied extracellular P O 2. Journal of Applied Physiology, 2000, 88, 1743-1748.	1.2	26
74	Pulmonary gas exchange during exercise in pigs. Journal of Applied Physiology, 1999, 86, 93-100.	1.2	32
75	Effect of varied extracellular P O 2 on muscle performance inXenopus single skeletal muscle fibers. Journal of Applied Physiology, 1999, 86, 1812-1816.	1.2	29
76	Rapid force recovery in contracting skeletal muscle after brief ischemia is dependent on O₂ availability. Journal of Applied Physiology, 1999, 87, 2225-2229.	1.2	24
77	Bioenergetics of contracting skeletal muscle after partial reduction of blood flow. Journal of Applied Physiology, 1998, 84, 1882-1888.	1.2	39
78	Faster adjustment of O2delivery does not affect VË™o 2 on-kinetics in isolated in situ canine muscle. Journal of Applied Physiology, 1998, 85, 1394-1403.	1.2	220
79	Peripheral O2 diffusion does not affect VË™o 2 on-kinetics in isolated in situ canine muscle. Journal of Applied Physiology, 1998, 85, 1404-1412.	1.2	145