Eftekhar Eftekharpour

List of Publications by Year
in descending order

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34 papers	2,343 citations	279798 23 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	3014 citing authors

#	Article	IF	Citations
1	Delayed Transplantation of Adult Neural Precursor Cells Promotes Remyelination and Functional Neurological Recovery after Spinal Cord Injury. Journal of Neuroscience, 2006, 26, 3377-3389.	3.6	549
2	Synergistic Effects of Transplanted Adult Neural Stem/Progenitor Cells, Chondroitinase, and Growth Factors Promote Functional Repair and Plasticity of the Chronically Injured Spinal Cord. Journal of Neuroscience, 2010, 30, 1657-1676.	3.6	328
3	The functional landscape of mouse gene expression. Journal of Biology, 2004, 3, 21.	2.7	259
4	Mevalonate Cascade Inhibition by Simvastatin Induces the Intrinsic Apoptosis Pathway via Depletion of Isoprenoids in Tumor Cells. Scientific Reports, 2017, 7, 44841.	3.3	105
5	Myelination of Congenitally Dysmyelinated Spinal Cord Axons by Adult Neural Precursor Cells Results in Formation of Nodes of Ranvier and Improved Axonal Conduction. Journal of Neuroscience, 2007, 27, 3416-3428.	3.6	104
6	Current status of experimental cell replacement approaches to spinal cord injury. Neurosurgical Focus, 2008, 24, E19.	2.3	90
7	Temporal and spatial patterns of Kv1.1 and Kv1.2 protein and gene expression in spinal cord white matter after acute and chronic spinal cord injury in rats: implications for axonal pathophysiology after neurotrauma. European Journal of Neuroscience, 2004, 19, 577-589.	2.6	84
8	Simvastatin increases temozolomideâ€induced cell death by targeting the fusion of autophagosomes and lysosomes. FEBS Journal, 2020, 287, 1005-1034.	4.7	84
9	Thioredoxin reductase and glutathione synthesis is upregulated byt-butylhydroquinone in cortical astrocytes but not in cortical neurons. Glia, 2000, 31, 241-248.	4.9	72
10	Cell therapies for traumatic brain injury. Neurosurgical Focus, 2008, 24, E18.	2.3	64
11	Genome-wide gene expression profiling of stress response in a spinal cord clip compression injury model. BMC Genomics, 2013, 14, 583.	2.8	64
12	Are induced pluripotent stem cells the future of cellâ€based regenerative therapies for spinal cord injury?. Journal of Cellular Physiology, 2010, 222, 515-521.	4.1	46
13	Cathepsin B is an executioner of ferroptosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118928.	4.1	44
14	Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2016, 101, 53-70.	2.9	41
15	Natural lecithin promotes neural network complexity and activity. Scientific Reports, 2016, 6, 25777.	3.3	33
16	Inhibition of VDAC1 Protects Against Glutamate-Induced Oxytosis and Mitochondrial Fragmentation in Hippocampal HT22 Cells. Cellular and Molecular Neurobiology, 2019, 39, 73-85.	3.3	31
17	Upregulation of Thioredoxin-Interacting Protein in Brain of Amyloid-Î² Protein Precursor/Presenilin 1 Transgenic Mice and Amyloid-Î² Treated Neuronal Cells. Journal of Alzheimer's Disease, 2019, 72, 139-150.	2.6	28
18	Simultaneous Detection of Autophagy and Epithelial to Mesenchymal Transition in the Non-small Cell Lung Cancer Cells. Methods in Molecular Biology, 2017, 1854, 87-103.	0.9	27

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19	Differential redox sensitivity of cathepsin B and L holds the key to autophagy-apoptosis interplay after Thioredoxin reductase inhibition in nutritionally stressed SH-SY5Y cells. Free Radical Biology and Medicine, 2017, 108, 819-831.	2.9	26
20	Structural and functional alterations of spinal cord axons in adult Long Evans Shaker (LES) dysmyelinated rats. Experimental Neurology, 2005, 193, 334-349.	4.1	25
21	Stem Cells and Spinal Cord Injury Repair. Advances in Experimental Medicine and Biology, 2012, 760, 53-73.	1.6	25
22	Troglitazone selectively inhibits glyoxalase I gene expression. Diabetologia, 2001, 44, 2004-2012.	6.3	24
23	Generation of Neural Stem Cells from Embryonic Stem Cells Using the Default Mechanism: In Vitro and In Vivo Characterization. Stem Cells and Development, 2011, 20, 1829-1845.	2.1	24
24	Thioredoxin system as a gatekeeper in caspase-6 activation and nuclear lamina integrity: Implications for Alzheimer's disease. Free Radical Biology and Medicine, 2019, 134, 567-580.	2.9	22
25	Oxidative Stress and Mitochondrial Dysfunction Associated with Peripheral Neuropathy in Type 1 Diabetes. Antioxidants and Redox Signaling, 2022, 37, 578-596.	5.4	22
26	Regulatory Role of Redox Balance in Determination of Neural Precursor Cell Fate. Stem Cells International, 2017, 2017, 1-13.	2.5	21
27	Oxidative damage of lysosomes in regulated cell death systems: Pathophysiology and pharmacologic interventions. Free Radical Biology and Medicine, 2020, 157, 94-127.	2.9	18
28	Molecular and electrophysiological evidence for the expression of BK channels in oligodendroglial precursor cells. European Journal of Neuroscience, 2011, 34, 538-547.	2.6	17
29	Acute upregulation of bone morphogenetic protein-4 regulates endogenous cell response and promotes cell death in spinal cord injury. Experimental Neurology, 2020, 325, 113163.	4.1	17
30	Regulatory role of cathepsin L in induction of nuclear laminopathy in Alzheimerâ€™s disease. Aging Cell, 2022, 21, e13531.	6.7	17
31	Glucocorticoid Upregulates Thioredoxin-interacting Protein in Cultured Neuronal Cells. Neuroscience, 2018, 384, 375-383.	2.3	12
32	Changes in gap junction expression and function following ischemic injury of spinal cord white matter. Journal of Neurophysiology, 2014, 112, 2067-2075.	1.8	9
33	Mevalonate Cascade and Small Rho GTPase in Spinal Cord Injury. Current Molecular Pharmacology, 2017, 10, 141-151.	1.5	8
34	Environmental Stimulus on Stem Cell Behaviour. Stem Cells International, 2018, 2018, 1-1.	2.5	0