

Barclay Morrison Iii

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10435513/publications.pdf>

Version: 2024-02-01

14
papers

721
citations

933410

10
h-index

1058452

14
g-index

15
all docs

15
docs citations

15
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of probability of fatality due to brain injury in traffic accidents. <i>Traffic Injury Prevention</i> , 2019, 20, S27-S31.	1.4	5
2	Simulating cerebral edema and delayed fatality after traumatic brain injury using triphasic swelling biomechanics. <i>Traffic Injury Prevention</i> , 2019, 20, 820-825.	1.4	7
3	Acute vitreoretinal trauma and inflammation after traumatic brain injury in mice. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 240-251.	3.7	19
4	Time Course and Size of Blood-Brain Barrier Opening in a Mouse Model of Blast-Induced Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1202-1211.	3.4	49
5	An organotypic uniaxial strain model using microfluidics. <i>Lab on A Chip</i> , 2013, 13, 432-442.	6.0	44
6	Hippocampal culture stimulus with 4-megahertz ultrasound. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	8
7	Encapsulating Elastically Stretchable Neural Interfaces: Yield, Resolution, and Recording/Stimulation of Neural Activity. <i>Advanced Functional Materials</i> , 2012, 22, 640-651.	14.9	45
8	TAT Is Not Capable of Transcellular Delivery Across an Intact Endothelial Monolayer In Vitro. <i>Annals of Biomedical Engineering</i> , 2011, 39, 394-401.	2.5	29
9	A plasmid display platform for the selection of peptides exhibiting a functional cell-penetrating phenotype. <i>Biotechnology Progress</i> , 2010, 26, 1796-1800.	2.6	5
10	Mechanical Heterogeneity of the Rat Hippocampus Measured by Atomic Force Microscope Indentation. <i>Journal of Neurotrauma</i> , 2007, 24, 812-822.	3.4	280
11	Stretch-induced injury in organotypic hippocampal slice cultures reproduces in vivo post-traumatic neurodegeneration: role of glutamate receptors and voltage-dependent calcium channels. <i>Journal of Neurochemistry</i> , 2007, 101, 434-447.	3.9	48
12	Lactate and glucose as energy substrates during, and after, oxygen deprivation in rat hippocampal acute and cultured slices. <i>Journal of Neurochemistry</i> , 2003, 87, 1381-1390.	3.9	74
13	L-Arginyl-3,4-Spermidine is neuroprotective in several in vitro models of neurodegeneration and in vivo ischaemia without suppressing synaptic transmission. <i>British Journal of Pharmacology</i> , 2002, 137, 1255-1268.	5.4	36
14	Mechanical Characterization of an In Vitro Device Designed to Quantitatively Injure Living Brain Tissue. <i>Annals of Biomedical Engineering</i> , 1998, 26, 381-390.	2.5	70