

Wai Hang Cheng

List of Publications by Year in descending order

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17
papers

701
citations

623734

14
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888059

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17
docs citations

17
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a novel, sensitive translational immunoassay to detect plasma glial fibrillary acidic protein (GFAP) after murine traumatic brain injury. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 58.	6.2	9
2	Increased severity of the CHIMERA model induces acute vascular injury, sub-acute deficits in memory recall, and chronic white matter gliosis. <i>Experimental Neurology</i> , 2020, 324, 113116.	4.1	30
3	Repetitive closed-head impact model of engineered rotational acceleration (CHIMERA) injury in rats increases impulsivity, decreases dopaminergic innervation in the olfactory tubercle and generates white matter inflammation, tau phosphorylation and degeneration. <i>Experimental Neurology</i> , 2019, 317, 87-99.	4.1	19
4	An End-to-end System for Automatic Characterization of Iba1 Immunopositive Microglia in Whole Slide Imaging. <i>Neuroinformatics</i> , 2019, 17, 373-389.	2.8	19
5	CHIMERA repetitive mild traumatic brain injury induces chronic behavioural and neuropathological phenotypes in wild-type and APP/PS1 mice. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 6.	6.2	50
6	Age at injury and genotype modify acute inflammatory and neurofilament-light responses to mild CHIMERA traumatic brain injury in wild-type and APP/PS1 mice. <i>Experimental Neurology</i> , 2018, 301, 26-38.	4.1	37
7	Defining the biomechanical and biological threshold of murine mild traumatic brain injury using CHIMERA (Closed Head Impact Model of Engineered Rotational Acceleration). <i>Experimental Neurology</i> , 2017, 292, 80-91.	4.1	61
8	High-density lipoproteins suppress A β -induced PBMC adhesion to human endothelial cells in bioengineered vessels and in monoculture. <i>Molecular Neurodegeneration</i> , 2017, 12, 60.	10.8	35
9	Defining an Analytic Framework to Evaluate Quantitative MRI Markers of Traumatic Axonal Injury: Preliminary Results in a Mouse Closed Head Injury Model. <i>ENeuro</i> , 2017, 4, ENEURO.0164-17.2017.	1.9	32
10	Reconstituted high-density lipoproteins acutely reduce soluble brain A β levels in symptomatic APP/PS1 mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1027-1036.	3.8	62
11	Chronic Exposure to Androgenic-Anabolic Steroids Exacerbates Axonal Injury and Microgliosis in the CHIMERA Mouse Model of Repetitive Concussion. <i>PLoS ONE</i> , 2016, 11, e0146540.	2.5	31
12	High-density lipoproteins at the interface between central nervous system and plasma lipoprotein metabolism. <i>Clinical Lipidology</i> , 2015, 10, 69-81.	0.4	2
13	Merging pathology with biomechanics using CHIMERA (Closed-Head Impact Model of Engineered) Tj ETQq1 1 0.784314 rgBT /Overlook Neurodegeneration, 2014, 9, 55.	10.8	148
14	FE65 interacts with ADP-ribosylation factor 6 to promote neurite outgrowth. <i>FASEB Journal</i> , 2014, 28, 337-349.	0.5	34
15	Effect of graft tensioning on mechanical restoration in a rat model of anterior cruciate ligament reconstruction using free tendon graft. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 1226-1233.	4.2	33
16	Development of vitamin C irrigation saline to promote graft healing in anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Translation</i> , 2013, 1, 67-77.	3.9	15
17	Towards clinical management of traumatic brain injury: a review of models and mechanisms from a biomechanical perspective. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1325-38.	2.4	84