

# Yongchao Mou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12167517/publications.pdf>

Version: 2024-02-01

15  
papers

1,524  
citations

1051969

10  
h-index

1255698

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

3465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling hereditary spastic paraplegias using induced pluripotent stem cells. , 2022, , 185-215.		0
2	MFN2 Deficiency Impairs Mitochondrial Transport and Downregulates Motor Protein Expression in Human Spinal Motor Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 727552.	1.4	13
3	Monitoring Axonal Degeneration in Human Pluripotent Stem Cell Models of Hereditary Spastic Paraplegias. <i>Methods in Molecular Biology</i> , 2021, , 1.	0.4	0
4	Analyzing Mitochondrial Transport and Morphology in Human Induced Pluripotent Stem Cell-Derived Neurons in Hereditary Spastic Paraplegia. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	6
5	Rescue axonal defects by targeting mitochondrial dynamics in hereditary spastic paraplegias. <i>Neural Regeneration Research</i> , 2019, 14, 574.	1.6	8
6	Impaired mitochondrial dynamics underlie axonal defects in hereditary spastic paraplegias. <i>Human Molecular Genetics</i> , 2018, 27, 2517-2530.	1.4	38
7	Effects of different doses of 2,3-dimercaptosuccinic acid-modified Fe <sub>2</sub> O <sub>3</sub> nanoparticles on intercalated discs in engineered cardiac tissues. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 121-130.	1.6	15
8	Differential toxicity of processed and non-processed states of CoCrMo degradation products generated from a hip simulator on neural cells. <i>Nanotoxicology</i> , 2018, 12, 941-956.	1.6	12
9	Modeling Physiological Events in 2D vs. 3D Cell Culture. <i>Physiology</i> , 2017, 32, 266-277.	1.6	1,069
10	Carbon nanotube-composite hydrogels promote intercalated disc assembly in engineered cardiac tissues through $\beta$ 1-integrin mediated FAK and RhoA pathway. <i>Acta Biomaterialia</i> , 2017, 48, 88-99.	4.1	65
11	Carbon nanotube-based substrates promote cardiogenesis in brown adipose-derived stem cells via $\beta$ 1-integrin-dependent TGF- $\beta$ 1 signaling pathway. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4381-4395.	3.3	14
12	Effects of 2,3-dimercaptosuccinic acid modified Fe <sub>2</sub> O <sub>3</sub> nanoparticles on microstructure and biological activity of cardiomyocytes. <i>RSC Advances</i> , 2015, 5, 19493-19501.	1.7	11
13	Carbon nanotubes enhance intercalated disc assembly in cardiac myocytes via the $\beta$ 1-integrin-mediated signaling pathway. <i>Biomaterials</i> , 2015, 55, 84-95.	5.7	67
14	Engineering the heart: Evaluation of conductive nanomaterials for improving implant integration and cardiac function. <i>Scientific Reports</i> , 2014, 4, 3733.	1.6	149
15	Immunohistochemical characterization and functional identification of mammary gland telocytes in the self-assembly of reconstituted breast cancer tissue <i>in vitro</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 65-75.	1.6	57