

Chi Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,006
citations

567144

15
h-index

610775

24
g-index

26
all docs

26
docs citations

26
times ranked

1677
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive phosphorylation of Smoothed in Hedgehog pathway activation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17900-17907.	3.3	177
2	Nanofiber-hydrogel composite-mediated angiogenesis for soft tissue reconstruction. Science Translational Medicine, 2019, 11, .	5.8	171
3	The effect of a nanofiber-hydrogel composite on neural tissue repair and regeneration in the contused spinal cord. Biomaterials, 2020, 245, 119978.	5.7	95
4	Effects of Mesenchymal Stem Cell-Derived Paracrine Signals and Their Delivery Strategies. Advanced Healthcare Materials, 2021, 10, e2001689.	3.9	92
5	Understanding the role of tissue-specific decellularized spinal cord matrix hydrogel for neural stem/progenitor cell microenvironment reconstruction and spinal cord injury. Biomaterials, 2021, 268, 120596.	5.7	81
6	NF- κ B and stat3 transcription factor signatures differentiate <scp>HPV</scp>-positive and <scp>HPV</scp>-negative head and neck squamous cell carcinoma. International Journal of Cancer, 2015, 137, 1879-1889.	2.3	51
7	Devising micro/nano-architectures in multi-channel nerve conduits towards a pro-regenerative matrix for the repair of spinal cord injury. Acta Biomaterialia, 2019, 86, 194-206.	4.1	43
8	Outlier Analysis Defines Zinc Finger Gene Family DNA Methylation in Tumors and Saliva of Head and Neck Cancer Patients. PLoS ONE, 2015, 10, e0142148.	1.1	41
9	Organ-specific isogenic metastatic breast cancer cell lines exhibit distinct Raman spectral signatures and metabolomes. Oncotarget, 2017, 8, 20266-20287.	0.8	41
10	Knocking Out Non-muscle Myosin II in Retinal Ganglion Cells Promotes Long-Distance Optic Nerve Regeneration. Cell Reports, 2020, 31, 107537.	2.9	33
11	Neurotrophin-3-Loaded Multichannel Nanofibrous Scaffolds Promoted Anti-Inflammation, Neuronal Differentiation, and Functional Recovery after Spinal Cord Injury. ACS Biomaterials Science and Engineering, 2020, 6, 1228-1238.	2.6	33
12	Label-free Raman spectroscopy provides early determination and precise localization of breast cancer-colonized bone alterations. Chemical Science, 2018, 9, 743-753.	3.7	25
13	PtCu alloy nanotube arrays supported on carbon fiber cloth as flexible anodes for direct methanol fuel cell. AIChE Journal, 2016, 62, 975-983.	1.8	22
14	Thermoresponsive Fluorescent Semicrystalline Polymers Decorated with Aggregation Induced Emission Luminogens. Chinese Journal of Polymer Science (English Edition), 2019, 37, 394-400.	2.0	17
15	Mechanically strengthened hybrid peptide-polyester hydrogel and potential applications in spinal cord injury repair. Biomedical Materials (Bristol), 2020, 15, 055031.	1.7	17
16	Functional characterization of alternatively spliced GSN in head and neck squamous cell carcinoma. Translational Research, 2018, 202, 109-119.	2.2	15
17	A Comparison of Ci/Gli Activity as Regulated by Sufu in Drosophila and Mammalian Hedgehog Response. PLoS ONE, 2015, 10, e0135804.	1.1	14
18	Two new polar coordination polymers with diamond networks: interpenetration and thermal phase transition. CrystEngComm, 2013, 15, 9530.	1.3	11

#	ARTICLE	IF	CITATIONS
19	Copper–Antimony Alloy Nanoparticle Clusters Supported on Porous Cu Networks for Electrochemical Energy Storage. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 553-559.	1.2	10
20	The Effects of the Combination of Mesenchymal Stromal Cells and Nanofiber-Hydrogel Composite on Repair of the Contused Spinal Cord. <i>Cells</i> , 2022, 11, 1137.	1.8	7
21	Nanofibrous polyester-polypeptide block copolymer scaffolds with high porosity and controlled degradation promote cell adhesion, proliferation and differentiation. <i>European Polymer Journal</i> , 2020, 130, 109647.	2.6	5
22	From discrete complex to 1-D coordination polymer by subtle variation of ligand donor: structures and electrical conductivities. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1837-1843.	0.8	2
23	Role of primary sensory neurone cannabinoid type-1 receptors in pain and the analgesic effects of the peripherally acting agonist CB-13 in mice. <i>British Journal of Anaesthesia</i> , 2021, , .	1.5	2
24	Polycomb Group Protein Ezh2 Supports Mammalian Axon Regeneration in Peripheral and Central Nervous System. <i>FASEB Journal</i> , 2021, 35, .	0.2	1
25	Generation of an induced pluripotent stem cell line (SYSUi005-A) from a patient with hypertrophic cardiomyopathy. <i>Stem Cell Research</i> , 2022, 58, 102626.	0.3	0