

# Shusen Cui

## List of Publications by Year in descending order

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32  
papers

734  
citations

687363

13  
h-index

552781

26  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Connexin Hemichannels in Astrocytes: Role in CNS Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 23.	2.9	129
2	Dissecting the Dual Role of the Glial Scar and Scar-Forming Astrocytes in Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 78.	3.7	118
3	Open versus endoscopic carpal tunnel release: a systematic review and meta-analysis of randomized controlled trials. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 272.	1.9	63
4	3D-printed scaffolds of mesoporous bioglass/gliadin/polycaprolactone ternary composite for enhancement of compressive strength, degradability, cell responses and new bone tissue ingrowth. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5433-5447.	6.7	48
5	Aggressive intraoperative warming versus routine thermal management during non-cardiac surgery (PROTECT): a multicentre, parallel group, superiority trial. <i>Lancet, The</i> , 2022, 399, 1799-1808.	13.7	47
6	Injectable Thermosensitive Polypeptide-Based CDDP-Complexed Hydrogel for Improving Localized Antitumor Efficacy. <i>Biomacromolecules</i> , 2017, 18, 4341-4348.	5.4	33
7	Astrocytic reprogramming combined with rehabilitation strategy improves recovery from spinal cord injury. <i>FASEB Journal</i> , 2020, 34, 15504-15515.	0.5	31
8	Differential gene expression in proximal and distal nerve segments of rats with sciatic nerve injury during Wallerian degeneration. <i>Neural Regeneration Research</i> , 2014, 9, 1186.	3.0	30
9	SPP1 promotes Schwann cell proliferation and survival through PKC $\delta$ by binding with CD44 and $\beta$ 1 $\beta$ 3 after peripheral nerve injury. <i>Cell and Bioscience</i> , 2020, 10, 98.	4.8	22
10	Controlled release of curcumin from curcumin-loaded nanomicelles to prevent peritendinous adhesion during Achilles tendon healing in rats. <i>International Journal of Nanomedicine</i> , 2016, 11, 2873.	6.7	20
11	Major Improvement in Wound Healing Through Pharmacologic Mobilization of Stem Cells in Severely Diabetic Rats. <i>Diabetes</i> , 2020, 69, 699-712.	0.6	19
12	In-syringe ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonamides in blood using high-performance liquid chromatography. <i>Analytical Methods</i> , 2014, 6, 2545-2552.	2.7	18
13	Effect of Spp1 on nerve degeneration and regeneration after rat sciatic nerve injury. <i>BMC Neuroscience</i> , 2017, 18, 30.	1.9	18
14	Matrine inhibits TPC $\beta$ 1 human thyroid cancer cells via the miR $\beta$ 21/PTEN/Akt pathway. <i>Oncology Letters</i> , 2018, 16, 2965-2970.	1.8	17
15	Fas Ligand Gene (Faslg) Plays an Important Role in Nerve Degeneration and Regeneration After Rat Sciatic Nerve Injury. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 210.	2.9	14
16	Transcriptomic Landscapes of Immune Response and Axonal Regeneration by Integrative Analysis of Molecular Pathways and Interactive Networks Post-sciatic Nerve Transection. <i>Frontiers in Neuroscience</i> , 2018, 12, 457.	2.8	11
17	Tissue-engineered nerve grafts using a scaffold-independent and injectable drug delivery system: a novel design with translational advantages. <i>Journal of Neural Engineering</i> , 2019, 16, 036030.	3.5	11
18	Study on antitumor activity of metal-based diketone complexes. <i>Medicinal Chemistry Research</i> , 2012, 21, 1071-1076.	2.4	9

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19	Determination of sulfonamides in blood using acetonitrile salt aqueous two-phase extraction coupled with high-performance liquid chromatography and liquid chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 5983-5989.	2.7	9
20	Protein Tyrosine Phosphatase Receptor Type D Regulates Neuropathic Pain After Nerve Injury via the STING-IFN-I Pathway. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 859166.	2.9	9
21	Valproic acid protection against the brachial plexus root avulsion-induced death of motoneurons in rats. <i>Microsurgery</i> , 2013, 33, 551-559.	1.3	8
22	Mutations in COMP cause familial carpal tunnel syndrome. <i>Nature Communications</i> , 2020, 11, 3642.	12.8	8
23	Minocycline alleviates peripheral nerve adhesion by promoting regulatory macrophage polarization via the TAK1 and its downstream pathway. <i>Life Sciences</i> , 2021, 276, 119422.	4.3	7
24	Brachial plexus bridging with specific extracellular matrix-modified chitosan/silk scaffold: a new expand of tissue engineered nerve graft. <i>Journal of Neural Engineering</i> , 2022, 19, 026010.	3.5	7
25	Protein Kinase C $\delta$ Promotes Proliferation and Migration of Schwann Cells by Activating ERK Signaling Pathway. <i>Neuroscience</i> , 2020, 433, 94-107.	2.3	6
26	Valproic acid protects neurons and promotes neuronal regeneration after brachial plexus avulsion. <i>Neural Regeneration Research</i> , 2013, 8, 2838-48.	3.0	5
27	Tendon transfer to restore the extension of the thumb using the extensor carpi radialis brevis: A long-term follow-up. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 1577-1581.	1.0	4
28	miR-182 promotes cell proliferation and invasion by inhibiting APC in melanoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 1900-1908.	0.5	4
29	Brain-derived neurotrophic factor expression in dorsal root ganglion neurons in response to reanastomosis of the distal stoma after nerve grafting. <i>Neural Regeneration Research</i> , 2012, 7, 2012-7.	3.0	3
30	A Novel Approach to First-Rib Resection in Neurogenic Thoracic Outlet Syndrome. <i>Frontiers in Surgery</i> , 2021, 8, 775403.	1.4	1
31	Effect of Renuorrhaphy of Distal Coaptation on Nerve Regeneration After Nerve Grafting: Animal Experimental Study. <i>World Neurosurgery</i> , 2019, 122, e1365-e1373.	1.3	0
32	Bilateral radial collateral ligament rupture in a shoemaker. <i>Medicine (United States)</i> , 2020, 99, e20126.	1.0	0