

Liang Yan

List of Publications by Year in descending order

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34
papers

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#	ARTICLE	IF	CITATIONS
1	Aligned PCL Fiber Conduits Immobilized with Nerve Growth Factor Gradients Enhance and Direct Sciatic Nerve Regeneration. <i>Advanced Functional Materials</i> , 2020, 30, 2002610.	14.9	77
2	Trends of epidemiological characteristics of traumatic spinal cord injury in China, 2009–2018. <i>European Spine Journal</i> , 2021, 30, 3115-3127.	2.2	29
3	Epidemiological characteristics of traumatic spinal cord injury in Xi'an, China. <i>Spinal Cord</i> , 2021, 59, 804-813.	1.9	15
4	MiR-485-3p promotes proliferation of osteoarthritis chondrocytes and inhibits apoptosis via Notch2 and the NF- κ B pathway. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 370-379.	2.4	15
5	Treatment with curcumin alleviates sublesional bone loss following spinal cord injury in rats. <i>European Journal of Pharmacology</i> , 2015, 765, 209-216.	3.5	13
6	Overview of Cellular Mechanisms and Signaling Pathways of Piceatannol. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 4-10.	1.3	12
7	Radiological and Clinical Differences between Tinavi Orthopedic Robot and O-Arm Navigation System in Thoracolumbar Screw Implantation for Reconstruction of Spinal Stability. <i>Medical Science Monitor</i> , 2020, 26, e924770.	1.1	12
8	Danshen extract (<i>Salvia miltiorrhiza</i> Bunge) attenuate spinal cord injury in a rat model: A metabolomic approach for the mechanism study. <i>Phytomedicine</i> , 2019, 62, 152966.	5.3	11
9	Surgical options for symptomatic old osteoporotic vertebral compression fractures: a retrospective study of 238 cases. <i>BMC Surgery</i> , 2021, 21, 22.	1.3	11
10	<p>Intradural Lumbar Disc Herniation: A Case Report and Literature Review</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 2295-2299.	2.9	10
11	Identification and Quantification, Metabolism and Pharmacokinetics, Pharmacological Activities, and Botanical Preparations of Protopine: A Review. <i>Molecules</i> , 2022, 27, 215.	3.8	10
12	Huangqin flavonoid extraction for spinal cord injury in a rat model. <i>Neural Regeneration Research</i> , 2018, 13, 2200.	3.0	9
13	Causes of Residual Back Pain at Early Stage After Percutaneous Vertebroplasty: A Retrospective Analysis of 1,316 Cases. <i>Pain Physician</i> , 2019, 22, E495-E503.	0.4	8
14	Tanshinone Ameliorates Glucocorticoid-Induced Bone Loss via Activation of AKT1 Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 878433.	3.7	7
15	Does Additional Bone Grafting of Atlantoaxial Joint Increase Bone Fusion Rate of Iliac Crest Autograft in Posterior Occipitocervical Fusion? Retrospective, Controlled Study with 2-Year Follow-up. <i>World Neurosurgery</i> , 2019, 125, e29-e34.	1.3	6
16	The Prognostic Value of Intraoperative Neuromonitoring by Combining Somatosensory- and Motor-Evoked Potentials for Thoracic Spinal Decompression Surgery in Patients with Neurological Deficit. <i>Spine</i> , 2021, 46, 1226-1233.	2.0	6
17	The role of Rho GTPases'™ substrates Rac and Cdc42 in osteoclastogenesis and relevant natural medicinal products study. <i>Bioscience Reports</i> , 2020, 40, .	2.4	6
18	When is the circumferential stabilization necessary for subaxial cervical fracture dislocations? The posterior ligament-bone injury classification and severity score: a novel treatment algorithm. <i>European Spine Journal</i> , 2021, 30, 524-533.	2.2	5

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19	Radiological and clinical differences between robotic-assisted pedicle screw fixation with and without real-time optical tracking. <i>European Spine Journal</i> , 2021, 30, 142-150.	2.2	4
20	A novel bone cement screw system combined with vertebroplasty for the treatment of Kummell disease with bone deficiency at the vertebral anterior border: A minimum 3-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2021, 201, 106434.	1.4	4
21	Cell cytoskeleton and proliferation study for the RANKL-induced RAW264.7 differentiation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4649-4657.	3.6	4
22	Intraoperative anti-inflammatory drugs combined with no drainage after MIS-TLIF in the treatment of recurrent lumbar disc herniation: an RCT. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 20.	2.3	3
23	The efficacy of triclosan-coated sutures for preventing surgical site infections in orthopedic surgery: A systematic review and meta-analysis. <i>Asian Journal of Surgery</i> , 2021, 44, 506-507.	0.4	3
24	Can Posterior Ligament Structure Be Functionally Healed After Anterior Reduction and Fusion Surgery in Patients with Traumatic Subaxial Cervical Fracture-Dislocations?. <i>World Neurosurgery</i> , 2020, 134, e243-e248.	1.3	2
25	A Loading Dose of Dexmedetomidine With Constant Infusion Inhibits Intraoperative Neuromonitoring During Thoracic Spinal Decompression Surgery: A Randomized Prospective Study. <i>Frontiers in Pharmacology</i> , 2022, 13, 840320.	3.5	2
26	Safety and Efficacy of Minimally Invasive Transforaminal Lumbar Interbody Fusion Combined with Gelatin Sponge Impregnated with Dexamethasone and No Drainage Tube after Surgery in the Treatment of Lumbar Degenerative Disease. <i>Orthopaedic Surgery</i> , 2021, 13, 1077-1085.	1.8	1
27	Study of Monocytes/Macrophages Stimuli as the Targets of Treating Inflammatory Bone Diseases. <i>Current Drug Targets</i> , 2020, 21, 338-343.	2.1	1
28	C1-ring osteosynthesis versus C1-C2 fixation fusion in the treatment of unstable atlas fractures: a multicenter, prospective, randomized controlled study with 5-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 157-165.	1.7	1
29	CT evaluation of occipitocervical joint violation by C1 lateral mass screw. <i>Spine Journal</i> , 2019, 19, 1902.	1.3	0
30	In Reply to the Letter to the Editor Regarding "Accuracy of Pedicle Screw Insertion Among 3 Image-Guided Navigation Systems: A Systematic Review and Meta-Analysis". <i>World Neurosurgery</i> , 2020, 138, 598-599.	1.3	0
31	An intramedullary mass. <i>BMJ, The</i> , 2021, 374, n1948.	6.0	0
32	Quantification evaluation of structural autograft versus morcellized fragments autograft in patients who underwent single-level lumbar laminectomy. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1803-1807.	1.8	0
33	Withdrawal Notice: The Role of Ginsenoside Rb1 in Bone Homeostasis. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, .	1.3	0
34	Case series of unilateral biportal endoscopic-assisted transforaminal lumbar interbody fusion in the treatment of recurrent lumbar disc herniation.. <i>American Journal of Translational Research (discontinued)</i> , 2022, 14, 2383-2392.	0.0	0