

Zhong-jun Liu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,050
citations

687363

13
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1552
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of the Upper Cervical Spine Using a Personalized 3D-Printed Vertebral Body in an Adolescent With Ewing Sarcoma. <i>Spine</i> , 2016, 41, E50-E54.	2.0	234
2	Tailored Surface Treatment of 3D Printed Porous Ti6Al4V by Microarc Oxidation for Enhanced Osseointegration via Optimized Bone In-Growth Patterns and Interlocked Bone/Implant Interface. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17964-17975.	8.0	172
3	Enhanced angiogenesis and osteogenesis in critical bone defects by the controlled release of BMP-2 and VEGF: implantation of electron beam melting-fabricated porous Ti ₆ Al ₄ V scaffolds incorporating growth factor-doped fibrin glue. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 035013.	3.3	104
4	Injectable Hydrogels for Localized Cancer Therapy. <i>Frontiers in Chemistry</i> , 2019, 7, 675.	3.6	96
5	In Vivo Study of a Self-Stabilizing Artificial Vertebral Body Fabricated by Electron Beam Melting. <i>Spine</i> , 2014, 39, E486-E492.	2.0	77
6	Integrated miRNA-mRNA Analysis Revealing the Potential Roles of miRNAs in Chordomas. <i>PLoS ONE</i> , 2013, 8, e66676.	2.5	56
7	Practical strategy to construct anti-osteosarcoma bone substitutes by loading cisplatin into 3D-printed titanium alloy implants using a thermosensitive hydrogel. <i>Bioactive Materials</i> , 2021, 6, 4542-4557.	15.6	39
8	Interferon Alfa-2b for Recurrent and Metastatic Giant Cell Tumor of the Spine. <i>Spine</i> , 2010, 35, E1418-E1422.	2.0	36
9	A systematic review of complications in thoracic spine surgery for ossification of the posterior longitudinal ligament. <i>European Spine Journal</i> , 2017, 26, 1803-1809.	2.2	34
10	3D Printing in Spine Surgery. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1093, 345-359.	1.6	34
11	Differential proteomic profiling of chordomas and analysis of prognostic factors. <i>Journal of Surgical Oncology</i> , 2010, 102, 720-727.	1.7	26
12	Surgeries for Patients with Tandem Spinal Stenosis in Cervical and Thoracic Spine: Combined or Staged Surgeries?. <i>World Neurosurgery</i> , 2017, 107, 115-123.	1.3	18
13	An Approach to Primary Tumors of the Upper Cervical Spine With Spondylectomy Using a Combined Approach. <i>Spine</i> , 2018, 43, 81-88.	2.0	16
14	Cervical Chordoma in Childhood Without Typical Vertebral Bony Destruction. <i>Spine</i> , 2009, 34, E493-E497.	2.0	13
15	Stromal cells have stem-like features in giant cell tumor of bone. <i>Journal of Surgical Oncology</i> , 2012, 106, 826-836.	1.7	11
16	Calcific discitis with giant thoracic disc herniations in adults. <i>European Spine Journal</i> , 2016, 25, 204-208.	2.2	11
17	Diagnosis and treatment of Rosai-Dorfman disease of the spine: a systematic literature review. <i>Systematic Reviews</i> , 2021, 10, 31.	5.3	11
18	Recurrence Factors in Giant Cell Tumors of the Spine. <i>Chinese Medical Journal</i> , 2017, 130, 1557-1563.	2.3	10

#	ARTICLE	IF	CITATIONS
19	Utility of Advanced <scp>DWI</scp> in the Detection of Spinal Cord Microstructural Alterations and Assessment of Neurologic Function in Cervical Spondylotic Myelopathy Patients. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 930-940.	3.4	10
20	Prognostic Factors in Surgical Patients with Chordomas of the Cervical Spine: A Study of 52 Cases from a Single Institution. <i>Annals of Surgical Oncology</i> , 2017, 24, 2355-2362.	1.5	7
21	Surgical approach selection for total spondylectomy for the treatment of giant cell tumors in the lumbar spine: A retrospective analysis of 12 patients from a single center. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2018, 14, e103-e108.	1.1	7
22	A novel 3D-printed locking cage for anterior atlantoaxial fixation and fusion: case report and in vitro biomechanical evaluation. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 121.	1.9	7
23	How does the sagittal spinal balance of the scoliotic population deviate from the asymptomatic population?. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 36.	1.9	5
24	Radiofrequency ablation in gross total excision of cervical chordoma: ideas and technique. <i>European Spine Journal</i> , 2018, 27, 3113-3117.	2.2	5
25	The relationship between changes of cervical sagittal alignment after anterior cervical discectomy and fusion and spino-pelvic sagittal alignment under rousouly classification: a four-year follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 87.	1.9	4
26	Chordomas of the upper cervical spine: clinical characteristics and surgical management of a series of 21 patients. <i>Chinese Medical Journal</i> , 2014, 127, 2759-64.	2.3	4
27	Imaging Features of Aggressive Giant Cell Tumors of the Mobile Spine: Retrospective Analysis of 101 Patients From Single Center. <i>Global Spine Journal</i> , 2022, 12, 1449-1461.	2.3	3
28	Predictors of surgical outcome in thoracic spinal stenosis: Focusing on cerebrospinal fluid leakage. <i>Journal of King Saud University - Science</i> , 2020, 32, 2901-2904.	3.5	0
29	New Classification Algorithm Guiding Surgical Decision-making for Posterior Longitudinal Ligament Ossification of the Thoracic Spine. <i>Clinical Spine Surgery</i> , 2021, 34, E172-E176.	1.3	0