

Wei Tian

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

3,212
citations

136740

32
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214527

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all docs

162
docs citations

162
times ranked

3317
citing authors

#	ARTICLE	IF	CITATIONS
1	Does Diabetes Affect the Surgical Outcomes in Cases With Cervical Ossification of the Posterior Longitudinal Ligament? A Multicenter Study From Asia Pacific Spine Study Group. <i>Global Spine Journal</i> , 2023, 13, 353-359.	1.2	6
2	A Stability and Safety Control Method in Robot-Assisted Decompressive Laminectomy Considering Respiration and Deformation of Spine. <i>IEEE Transactions on Automation Science and Engineering</i> , 2023, 20, 258-270.	3.4	3
3	A single-cell transcriptome of mesenchymal stromal cells to fabricate bioactive hydroxyapatite materials for bone regeneration. <i>Bioactive Materials</i> , 2022, 9, 281-298.	8.6	12
4	A comparison between two laminectomy procedures in mouse spinal cord injury on Allen's animal model. <i>Journal of Neuroscience Methods</i> , 2022, 368, 109461.	1.3	5
5	A new method for preparing single-cell nuclear suspension of frozen spinal cord tissue. <i>Journal of Neuroscience Methods</i> , 2022, 370, 109490.	1.3	0
6	A prospective cohort study of the accuracy and safety of robot-assisted minimally invasive spinal surgery. <i>BMC Surgery</i> , 2022, 22, 47.	0.6	6
7	Intradiscal injection for the management of low back pain. <i>JOR Spine</i> , 2022, 5, e1186.	1.5	7
8	Muscle fat infiltration but not muscle cross-sectional area is independently associated with bone mineral density at the lumbar spine. <i>British Journal of Radiology</i> , 2022, 95, 20210371.	1.0	5
9	Longitudinal Spinousâ€¦Splitting Laminoplasty with Coral Bone for the Treatment of Cervical Adjacent Segment Degenerative Disease: A 5â€¦Year Followâ€¦up Study. <i>Orthopaedic Surgery</i> , 2022, 14, 435-442.	0.7	2
10	An Automatic Path Planning Method of Pedicle Screw Placement Based on Preoperative CT Images. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2022, 4, 403-413.	2.1	5
11	Comparison of accuracy and safety between second-generation TiRobot-assisted and free-hand thoracolumbar pedicle screw placement. <i>BMC Surgery</i> , 2022, 22, .	0.6	6
12	Symptomatic primary hyperparathyroidism in a young woman presenting with multiple skeletal destructions: a case report and review of literature. <i>BMC Endocrine Disorders</i> , 2021, 21, 5.	0.9	0
13	Novel bone repairing scaffold consisting of bone morphogenetic Protein-2 and human Beta Defensin-3. <i>Journal of Biological Engineering</i> , 2021, 15, 5.	2.0	8
14	Posterior fixation can further improve the segmental alignment of lumbar degenerative spondylolisthesis with oblique lumbar interbody fusion. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 218.	0.8	5
15	Chinese normative values of C1 sagittal canal diameter and definition of C1 hypoplasia. <i>Chinese Medical Journal</i> , 2021, 134, 1362-1363.	0.9	1
16	Differential proteomic analysis of tibial subchondral bone from male and female guinea pigs with spontaneous osteoarthritis. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 633.	0.8	7
17	Elderly patients with concurrent hip fracture and lower respiratory tract infection: the pathogens and prognosis over different bedridden periods. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 246.	0.9	9
18	The Association of Lumbar Disc Herniation with Lumbar Volumetric Bone Mineral Density in a Cross-Sectional Chinese Study. <i>Diagnostics</i> , 2021, 11, 938.	1.3	10

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19	Prophylactic vertebral augmentation in patients with intra-disc leakage after kyphoplasty. <i>Annals of Palliative Medicine</i> , 2021, 10, 58-58.	0.5	1
20	Predictors of neurologic outcome after surgery for cervical ossification of the posterior longitudinal ligament differ based on myelopathy severity: a multicenter study. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 749-758.	0.9	2
21	Benefits of Early Ambulation in Elderly Patients Undergoing Lumbar Decompression and Fusion Surgery: A Prospective Cohort Study. <i>Orthopaedic Surgery</i> , 2021, 13, 1319-1326.	0.7	17
22	Application of bone turnover markers and DXA and QCT in an elderly Chinese male population. <i>Annals of Palliative Medicine</i> , 2021, 10, 6351-6358.	0.5	8
23	Risk factors for venous thromboembolism in patients with diabetes undergoing joint arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 608.	0.8	9
24	State Sensing of Spinal Surgical Robot Based on Fusion of Sound and Force Signals. , 2021, , .		3
25	Programmed NP Cell Death Induced by Mitochondrial ROS in a One-Strike Loading Disc Degeneration Organ Culture Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	8
26	Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion in the Treatment of Lumbar Spondylolisthesis. <i>Orthopaedic Surgery</i> , 2021, 13, 1960-1968.	0.7	29
27	Association of overweight and obesity with vertebral fractures: a systematic review and meta-analysis. <i>Minerva Endocrinology</i> , 2021, , .	0.6	1
28	Comparison of Outcomes between Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion and Oblique Lumbar Interbody Fusion in Single-Level Lumbar Spondylolisthesis. <i>Orthopaedic Surgery</i> , 2021, 13, 2093-2101.	0.7	17
29	Effect of cyclic mechanical loading on immunoinflammatory microenvironment in biofabricating hydroxyapatite scaffold for bone regeneration. <i>Bioactive Materials</i> , 2021, 6, 3097-3108.	8.6	29
30	Accuracy and Reliability of Standing Lateral Lumbar Radiographs for Measurements of Spinopelvic Parameters. <i>Spine</i> , 2021, 46, 1033-1038.	1.0	5
31	Learning curves of robot-assisted pedicle screw fixations based on the cumulative sum test. <i>World Journal of Clinical Cases</i> , 2021, 9, 10134-10142.	0.3	9
32	An Experiment Investigation and FE Simulation Analysis on Elastic Traction Method Applied in the Pelvic Reduction. , 2021, , .		1
33	Risk Factors of Unsatisfactory Robot-Assisted Pedicle Screw Placement: A Case-Control Study. <i>Neurospine</i> , 2021, 18, 839-844.	1.1	17
34	Effective delivery of mitomycin and meloxicam by double-layer electrospun membranes for the prevention of epidural adhesions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 353-366.	1.6	17
35	Preoperative imaging differences of patients with cervical spondylosis with cervical vertigo indicate the prognosis after cervical total disc replacement. <i>Journal of International Medical Research</i> , 2020, 48, 030006051987703.	0.4	5
36	State recognition of decompressive laminectomy with multiple information in robot-assisted surgery. <i>Artificial Intelligence in Medicine</i> , 2020, 102, 101763.	3.8	17

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37	Robotic navigation during spine surgery. <i>Expert Review of Medical Devices</i> , 2020, 17, 27-32.	1.4	45
38	Superior-segment Bilateral Facet Violation in Lumbar Transpedicular Fixation, Part III. <i>Spine</i> , 2020, 45, E508-E514.	1.0	5
39	Improved Accuracy of Cervical Spinal Surgery With Robot-Assisted Screw Insertion. <i>Spine</i> , 2020, 45, 285-291.	1.0	53
40	Clinical Effects of Oblique Lateral Interbody Fusion by Conventional Open versus Percutaneous Robot-Assisted Minimally Invasive Pedicle Screw Placement in Elderly Patients. <i>Orthopaedic Surgery</i> , 2020, 12, 86-93.	0.7	31
41	Rate and Risk Factors of Superior Facet Joint Violation during Cortical Bone Trajectory Screw Placement: A Comparison of Robot-Assisted Approach with a Conventional Technique. <i>Orthopaedic Surgery</i> , 2020, 12, 133-140.	0.7	18
42	Chinese expert consensus on the diagnosis of osteoporosis by imaging and bone mineral density. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 2066-2077.	1.1	40
43	The Assessment of Paravertebral Ossification Progression After Cervical Disc Arthroplasty Based on CT Images: A Long-term Follow-up. <i>Orthopaedic Surgery</i> , 2020, 12, 1760-1767.	0.7	6
44	Guidelines for navigation-assisted spine surgery. <i>Frontiers of Medicine</i> , 2020, 14, 518-527.	1.5	11
45	Identification of independent factors affecting bone mineral density after successful parathyroidectomy for symptomatic hyperparathyroidism. <i>BMC Endocrine Disorders</i> , 2020, 20, 141.	0.9	1
46	Changes in bone mineral density after parathyroidectomy in patients with moderate to severe primary hyperparathyroidism. <i>Journal of International Medical Research</i> , 2020, 48, 030006052096469.	0.4	0
47	Efficacy and safety of ceritinib in anaplastic lymphoma kinase-rearranged non-small cell lung cancer: A systematic review and meta-analysis. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020, 45, 743-754.	0.7	10
48	The accurate relationship between spine bone density and bone marrow in humans. <i>Bone</i> , 2020, 134, 115312.	1.4	14
49	CEMIP regulates the proliferation and migration of vascular smooth muscle cells in atherosclerosis through the WNT-beta-catenin signaling pathway. <i>Biochemistry and Cell Biology</i> , 2020, 98, 249-257.	0.9	18
50	Treatment of L5-S1 Spondyloptosis with Multiple Pedicle Defects Through a Combined Anterior and Posterior Approach. <i>World Neurosurgery</i> , 2020, 137, 206-210.	0.7	2
51	Quantitative analysis of paraspinal muscle atrophy after oblique lateral interbody fusion alone vs. combined with percutaneous pedicle screw fixation in patients with spondylolisthesis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 30.	0.8	26
52	Robot-assisted direct repair of spondylolysis. <i>Medicine (United States)</i> , 2020, 99, e18944.	0.4	9
53	Protective effect of D-pinitol on the experimental spinal cord injury in rats. <i>Metabolic Brain Disease</i> , 2020, 35, 473-482.	1.4	8
54	Standalone oblique lateral interbody fusion vs. combined with percutaneous pedicle screw in spondylolisthesis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 184.	0.8	33

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55	Opportunistic Screening Using Low-Dose CT and the Prevalence of Osteoporosis in China: A Nationwide, Multicenter Study. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 427-435.	3.1	109
56	Superior-segment Bilateral Facet Violation in Lumbar Transpedicular Fixation, Part I. <i>Spine</i> , 2020, 45, E624-E630.	1.0	3
57	Telerobotic Spinal Surgery Based on 5G Network: The First 12 Cases. <i>Neurospine</i> , 2020, 17, 114-120.	1.1	85
58	The association of calcium intake with osteoporotic vertebral fractures in a large Chinese cohort. <i>Aging</i> , 2020, 12, 5500-5515.	1.4	14
59	Risk factors for cage repropulsion after transforaminal lumbar interbody fusion in older patients. <i>Annals of Translational Medicine</i> , 2020, 8, 1660-1660.	0.7	4
60	Current advances for bone regeneration based on tissue engineering strategies. <i>Frontiers of Medicine</i> , 2019, 13, 160-188.	1.5	40
61	Comparison of Superior-Level Facet Joint Violations Between Robot-Assisted Percutaneous Pedicle Screw Placement and Conventional Open Fluoroscopic-Guided Pedicle Screw Placement. <i>Orthopaedic Surgery</i> , 2019, 11, 850-856.	0.7	53
62	Biomechanical evaluation of osteoporotic fracture: Metal fixation versus absorbable fixation in Sawbones models. <i>Injury</i> , 2019, 50, 1272-1276.	0.7	9
63	Robot-assisted percutaneous scaphoid fracture fixation: a report of ten patients. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 685-691.	0.5	23
64	Safety and accuracy of robot-assisted versus fluoroscopy-assisted pedicle screw insertion in thoracolumbar spinal surgery: a prospective randomized controlled trial. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 615-622.	0.9	141
65	Guideline for Thoracolumbar Pedicle Screw Placement Assisted by Orthopaedic Surgical Robot. <i>Orthopaedic Surgery</i> , 2019, 11, 153-159.	0.7	36
66	Guideline for Posterior Atlantoaxial Internal Fixation Assisted by Orthopaedic Surgical Robot. <i>Orthopaedic Surgery</i> , 2019, 11, 160-166.	0.7	15
67	Self-Adaptive Antibacterial Porous Implants with Sustainable Responses for Infected Bone Defect Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1807915.	7.8	82
68	Effect of Robot-Assisted Surgery on Lumbar Pedicle Screw Internal Fixation in Patients with Osteoporosis. <i>World Neurosurgery</i> , 2019, 125, e1057-e1062.	0.7	44
69	The effect of a multidisciplinary co-management program for the older hip fracture patients in Beijing: a pre- and post-retrospective study. <i>Archives of Osteoporosis</i> , 2019, 14, 43.	1.0	34
70	Robot-Assisted Versus Fluoroscopy-Guided Pedicle Screw Placement in Transforaminal Lumbar Interbody Fusion for Lumbar Degenerative Disease. <i>World Neurosurgery</i> , 2019, 125, e429-e434.	0.7	47
71	Robot-Assisted Percutaneous Transfacet Screw Fixation Supplementing Oblique Lateral Interbody Fusion Procedure: Accuracy and Safety Evaluation of This Novel Minimally Invasive Technique. <i>Orthopaedic Surgery</i> , 2019, 11, 25-33.	0.7	27
72	Artificial intelligence in orthopedic surgery. <i>Chinese Medical Journal</i> , 2019, 132, 2521-2523.	0.9	35

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73	Comparison of 10-year Outcomes of Bryan Cervical Disc Arthroplasty for Myelopathy and Radiculopathy. <i>Orthopaedic Surgery</i> , 2019, 11, 1127-1134.	0.7	18
74	Clinical and radiological outcomes of cervical disc arthroplasty: ten-year follow-up study. <i>International Orthopaedics</i> , 2018, 42, 2389-2396.	0.9	17
75	Tunable Mechanical, Antibacterial, and Cytocompatible Hydrogels Based on a Functionalized Dual Network of Metal Coordination Bonds and Covalent Crosslinking. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6190-6198.	4.0	61
76	A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. <i>Spine</i> , 2018, 43, E898-E904.	1.0	12
77	Antimicrobial gelatin-based elastomer nanocomposite membrane loaded with ciprofloxacin and polymyxin B sulfate in halloysite nanotubes for wound dressing. <i>Materials Science and Engineering C</i> , 2018, 87, 128-138.	3.8	53
78	HIF-1 α promotes bone marrow stromal cell migration to the injury site and enhances functional recovery after spinal cord injury in rats. <i>Journal of Gene Medicine</i> , 2018, 20, e3062.	1.4	5
79	Robot-Assisted Versus Fluoroscopy-Assisted Cortical Bone Trajectory Screw Instrumentation in Lumbar Spinal Surgery: A Matched-Cohort Comparison. <i>World Neurosurgery</i> , 2018, 120, e745-e751.	0.7	91
80	Multilevel Fuzzy Control Based on Force Information in Robot-Assisted Decompressive Laminectomy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1093, 263-279.	0.8	10
81	CAMISS Concept and Its Clinical Application. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1093, 31-46.	0.8	6
82	The prevalence and associated factors of symptomatic cervical Spondylosis in Chinese adults: a community-based cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 325.	0.8	56
83	Comparison of the Clinical Accuracy Between Point-to-Point Registration and Auto-Registration Using an Active Infrared Navigation System. <i>Spine</i> , 2018, 43, E1329-E1333.	1.0	15
84	Imaging Comparison Between Chinese and Japanese Patients With Cervical Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1376-E1383.	1.0	4
85	The protocol for the Prospective Urban Rural Epidemiology China Action on Spine and Hip status study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 667-672.	1.1	14
86	Heterogeneity in Spinal Bone Mineral Density Among Young Adults From Three Eastern Provincial Capital Cities in Mainland China. <i>Journal of Clinical Densitometry</i> , 2017, 20, 198-204.	0.5	9
87	Generation and Development of Paravertebral Ossification in Cervical Artificial Disk Replacement. <i>Clinical Spine Surgery</i> , 2017, 30, E179-E188.	0.7	14
88	Analysis of the Factors That Could Predict Segmental Range of Motion After Cervical Artificial Disk Replacement. <i>Clinical Spine Surgery</i> , 2017, 30, E603-E608.	0.7	4
89	Accuracy and postoperative assessment of pedicle screw placement during scoliosis surgery with computer-assisted navigation: a meta-analysis. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017, 13, e1732.	1.2	37
90	The Role of C2-C7 Angle in the Development of Dysphagia After Anterior and Posterior Cervical Spine Surgery. <i>Clinical Spine Surgery</i> , 2017, 30, E1306-E1314.	0.7	30

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91	Computer-assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion May Be Better Than Open Surgery for Treating Degenerative Lumbar Disease. <i>Clinical Spine Surgery</i> , 2017, 30, 237-242.	0.7	33
92	lncRNA expression and implication in osteosarcoma: a systematic review and meta-analysis. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 5355-5361.	1.0	26
93	Robot-assisted Percutaneous Pedicle Screw Placement Using Three-dimensional Fluoroscopy. <i>Chinese Medical Journal</i> , 2017, 130, 1617-1618.	0.9	22
94	Comparison of the Clinical and Radiographic Results Between Cervical Artificial Disk Replacement and Anterior Cervical Fusion. <i>Clinical Spine Surgery</i> , 2017, 30, E578-E586.	0.7	30
95	Population-Stratified Analysis of Bone Mineral Density Distribution in Cervical and Lumbar Vertebrae of Chinese from Quantitative Computed Tomography. <i>Korean Journal of Radiology</i> , 2016, 17, 581.	1.5	22
96	Descriptive Analysis on the Impacts of Universal Zero-Markup Drug Policy on a Chinese Urban Tertiary Hospital. <i>PLoS ONE</i> , 2016, 11, e0162795.	1.1	18
97	Robot-Assisted Posterior C1-C2 Transarticular Screw Fixation for Atlantoaxial Instability. <i>Spine</i> , 2016, 41, B2-B5.	1.0	73
98	Assessment of respiration-induced vertebral motion in prone-positioned patients during general anaesthesia. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016, 12, 214-218.	1.2	14
99	Clinical factors affecting the accuracy of a CT-based active infrared navigation system. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016, 12, 568-571.	1.2	5
100	An Analysis of Paravertebral Ossification in Cervical Artificial Disc Replacement: Novel Classification Based on Computed Tomography. <i>Orthopaedic Surgery</i> , 2016, 8, 440-446.	0.7	17
101	Effect of Anterior Cervical Discectomy and Fusion on Patients with Atypical Symptoms Related to Cervical Spondylosis. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 395-399.	0.4	14
102	Knockdown of asporin affects transforming growth factor- β 1-induced matrix synthesis in human intervertebral annulus cells. <i>Journal of Orthopaedic Translation</i> , 2016, 7, 1-6.	1.9	1
103	Robot-assisted Anterior Odontoid Screw Fixation: A Case Report. <i>Orthopaedic Surgery</i> , 2016, 8, 400-404.	0.7	42
104	Analgesic Efficacy of Adductor Canal Block in Total Knee Arthroplasty: A Meta-analysis and Systematic Review. <i>Orthopaedic Surgery</i> , 2016, 8, 294-300.	0.7	52
105	Minimally Invasive Spine Surgery (MISS) in China. <i>Spine</i> , 2016, 41, B1.	1.0	2
106	Minimally Invasive Pedicle Screw Fixation Using Intraoperative 3-dimensional Fluoroscopy-based Navigation (CAMISS Technique) for Hangman Fracture. <i>Spine</i> , 2016, 41, 39-45.	1.0	31
107	Effect of double-door laminoplasty on atypical symptoms associated with cervical spondylotic myelopathy/radiculopathy. <i>BMC Surgery</i> , 2016, 16, 31.	0.6	9
108	Kinematics and cooperative control of a robotic spinal surgery system. <i>Robotica</i> , 2016, 34, 226-242.	1.3	13

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109	Cervical Spondylotic Myelopathy due to the Ochronotic Arthropathy of the Cervical Spine. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 65.	0.5	5
110	Effect of different surgical methods on headache associated with cervical spondylotic myelopathy and/or radiculopathy. <i>BMC Surgery</i> , 2015, 15, 105.	0.6	8
111	Posterior Reduction and Monosegmental Fusion with Intraoperative Three-dimensional Navigation System in the Treatment of High-grade Developmental Spondylolisthesis. <i>Chinese Medical Journal</i> , 2015, 128, 865-870.	0.9	14
112	The effect of lateral wall perforation on screw pull-out strength: a cadaveric study. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 6.	0.9	11
113	COX2 is involved in hypoxia-induced TNF- α expression in osteoblast. <i>Scientific Reports</i> , 2015, 5, 10020.	1.6	27
114	Fabrication and evaluation of a homogeneous electrospun PCL-gelatin hybrid membrane as an anti-adhesion barrier for craniectomy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4063-4073.	2.9	48
115	Fabrication of drug-loaded anti-infective guided tissue regeneration membrane with adjustable biodegradation property. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 846-854.	2.5	48
116	A Robot-Assisted Surgical System Using a Force-Image Control Method for Pedicle Screw Insertion. <i>PLoS ONE</i> , 2014, 9, e86346.	1.1	52
117	Aging Spine. <i>Spine</i> , 2014, 39, B1.	1.0	0
118	The High Prevalence of Symptomatic Degenerative Lumbar Osteoarthritis in Chinese Adults. <i>Spine</i> , 2014, 39, 1301-1310.	1.0	31
119	Structure, physical properties, biocompatibility and in vitro/vivo degradation behavior of anti-infective polycaprolactone-based electrospun membranes for guided tissue/bone regeneration. <i>Polymer Degradation and Stability</i> , 2014, 109, 293-306.	2.7	54
120	Time-sequential changes of differentially expressed miRNAs during the process of anterior lumbar interbody fusion using equine bone protein extract, rhBMP-2 and autograft. <i>Frontiers of Materials Science</i> , 2014, 8, 72-86.	1.1	2
121	Does Previous Intra-Articular Steroid Injection Increase the Risk of Joint Infection Following Total Hip Arthroplasty or Total Knee Arthroplasty? A Meta-Analysis. <i>Medical Science Monitor</i> , 2014, 20, 1878-1883.	0.5	45
122	Neural stem cell transplantation in a double-layer collagen membrane with unequal pore sizes for spinal cord injury repair. <i>Neural Regeneration Research</i> , 2014, 9, 1014.	1.6	24
123	Computer-assisted minimally invasive spine surgery for resection of ossification of the ligamentum flavum in the thoracic spine. <i>Chinese Medical Journal</i> , 2014, 127, 2043-7.	0.9	6
124	Accuracy and complications of posterior C2 screw fixation using intraoperative three-dimensional fluoroscopy-based navigation. <i>Chinese Medical Journal</i> , 2014, 127, 2654-8.	0.9	2
125	Lumbar spine superior-level facet joint violations: percutaneous versus open pedicle screw insertion using intraoperative 3-dimensional computer-assisted navigation. <i>Chinese Medical Journal</i> , 2014, 127, 3852-6.	0.9	14
126	Intrathecal Epigallocatechin Gallate Treatment Improves Functional Recovery After Spinal Cord Injury by Upregulating the Expression of BDNF and GDNF. <i>Neurochemical Research</i> , 2013, 38, 772-779.	1.6	48

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127	Accuracy of lower cervical pedicle screw placement with assistance of distinct navigation systems: a human cadaveric study. <i>European Spine Journal</i> , 2013, 22, 148-155.	1.0	47
128	Occipital-C2 Transarticular Fixation for Occipitocervical Instability Associated With Occipitalization of the Atlas in Patients With Klippel-Feil Syndrome, Using Intraoperative 3-Dimensional Navigation System. <i>Spine</i> , 2013, 38, 642-649.	1.0	14
129	Comparison of QCT and DXA: Osteoporosis Detection Rates in Postmenopausal Women. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-5.	0.6	160
130	Reversal of Anterior Cervical Discectomy and Fusion With Cervical Artificial Disc Replacement. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 55-59.	1.8	7
131	Intraoperative 3-Dimensional Navigation and Ultrasonography During Posterior Decompression With Instrumented Fusion for Ossification of the Posterior Longitudinal Ligament in the Thoracic Spine. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, E227-E234.	1.8	16
132	Asporin, a candidate protein for treatment of disc degenerative disease. <i>Chinese Medical Journal</i> , 2013, 126, 369-72.	0.9	1
133	The Role of C2-C7 and C2 Angle in the Development of Dysphagia After Cervical Spine Surgery. <i>Dysphagia</i> , 2012, 28, 131-8.	1.0	44
134	Posterior fixation and fusion of unstable Hangman's fracture by using intraoperative three-dimensional fluoroscopy-based navigation. <i>European Spine Journal</i> , 2012, 21, 863-871.	1.0	37
135	Placement of pedicle screws using three-dimensional fluoroscopy-based navigation in lumbar vertebrae with axial rotation. <i>European Spine Journal</i> , 2010, 19, 1928-1935.	1.0	20
136	<i>In vitro</i> degradation of starch/PVA films and biocompatibility evaluation. <i>Journal of Applied Polymer Science</i> , 2010, 115, 346-357.	1.3	49
137	Association between intervertebral disc degeneration and disturbances of blood supply to the vertebrae. <i>Chinese Medical Journal</i> , 2010, 123, 239-43.	0.9	3
138	Clinical and radiographic results of cervical artificial disc arthroplasty: over three years follow-up cohort study. <i>Chinese Medical Journal</i> , 2010, 123, 2969-73.	0.9	4
139	Structure and properties of thermoplastic poly(glycerol sebacate) elastomers originating from prepolymers with different molecular weights. <i>Journal of Applied Polymer Science</i> , 2007, 104, 1131-1137.	1.3	45