

Yue Zhou

List of Publications by Year in descending order

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129
papers

4,095
citations

109264

35
h-index

155592

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g-index

138
all docs

138
docs citations

138
times ranked

4083
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS: Crucial Intermediators in the Pathogenesis of Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	244
2	Disc cell senescence in intervertebral disc degeneration: Causes and molecular pathways. <i>Cell Cycle</i> , 2016, 15, 1674-1684.	1.3	202
3	Exosomes as potential alternatives to stem cell therapy for intervertebral disc degeneration: in-vitro study on exosomes in interaction of nucleus pulposus cells and bone marrow mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 108.	2.4	158
4	Minimally invasive or open transforaminal lumbar interbody fusion as revision surgery for patients previously treated by open discectomy and decompression of the lumbar spine. <i>European Spine Journal</i> , 2011, 20, 623-628.	1.0	128
5	Learning curve for percutaneous endoscopic lumbar discectomy depending on the surgeon's training level of minimally invasive spine surgery. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1987-1991.	0.6	116
6	BM-MSC-derived exosomes alleviate radiation-induced bone loss by restoring the function of recipient BM-MSCs and activating Wnt/ β -catenin signaling. <i>Stem Cell Research and Therapy</i> , 2019, 10, 30.	2.4	109
7	Characteristics of Stem Cells Derived from the Degenerated Human Intervertebral Disc Cartilage Endplate. <i>PLoS ONE</i> , 2011, 6, e26285.	1.1	102
8	Reoperation after lumbar disc surgery in two hundred and seven patients. <i>International Orthopaedics</i> , 2013, 37, 1511-1517.	0.9	99
9	Comparison of Open Versus Percutaneous Pedicle Screw Fixation Using the Sextant System in the Treatment of Traumatic Thoracolumbar Fractures. <i>Clinical Spine Surgery</i> , 2017, 30, E239-E246.	0.7	95
10	AOSpine Consensus Paper on Nomenclature for Working-Channel Endoscopic Spinal Procedures. <i>Global Spine Journal</i> , 2020, 10, 111S-121S.	1.2	81
11	Cartilage endplate stem cells inhibit intervertebral disc degeneration by releasing exosomes to nucleus pulposus cells to activate Akt/autophagy. <i>Stem Cells</i> , 2021, 39, 467-481.	1.4	79
12	Comparison of the Clinical Outcome in Overweight or Obese Patients After Minimally Invasive Versus Open Transforaminal Lumbar Interbody Fusion. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, 202-206.	1.8	73
13	Comparison of Preliminary clinical outcomes between percutaneous endoscopic and minimally invasive transforaminal lumbar interbody fusion for lumbar degenerative diseases in a tertiary hospital: Is percutaneous endoscopic procedure superior to MIS-TLIF? A prospective cohort study. <i>International Journal of Surgery</i> . 2020, 76, 136-143.	1.1	71
14	Regeneration of the Intervertebral Disc With Nucleus Pulposus Cell-Seeded Collagen II/Hyaluronan/Chondroitin-6-Sulfate Tri-Copolymer Constructs in a Rabbit Disc Degeneration Model. <i>Spine</i> , 2011, 36, 2252-2259.	1.0	66
15	Risk Factors for Recurrent Herniation After Percutaneous Endoscopic Lumbar Discectomy. <i>World Neurosurgery</i> , 2017, 100, 1-6.	0.7	63
16	Utilization of Stem Cells in Alginate for Nucleus Pulposus Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2014, 20, 908-920.	1.6	61
17	Characteristics of patients with spinal tuberculosis: seven-year experience of a teaching hospital in Southwest China. <i>International Orthopaedics</i> , 2012, 36, 1429-1434.	0.9	58
18	Establishment and Implementation of an Enhanced Recovery After Surgery (ERAS) Pathway Tailored for Minimally Invasive Transforaminal Lumbar Interbody Fusion Surgery. <i>World Neurosurgery</i> , 2019, 129, e317-e323.	0.7	58

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19	Rapamycin Induced Autophagy Inhibits Inflammation-Mediated Endplate Degeneration by Enhancing Nrf2/Keap1 Signaling of Cartilage Endplate Stem Cells. <i>Stem Cells</i> , 2019, 37, 828-840.	1.4	58
20	Risk factors for failure of single-level percutaneous endoscopic lumbar discectomy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 320-325.	0.9	57
21	Effect of Surgery on Quality of Life of Patients with Spinal Metastasis from Non-Small-Cell Lung Cancer. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 396-402.	1.4	57
22	Percutaneous Endoscopic Lumbar Interbody Fusion: Technical Note and Preliminary Clinical Experience with 2-Year Follow-Up. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	53
23	Multifunctional Supramolecular Hydrogel for Prevention of Epidural Adhesion after Laminectomy. <i>ACS Nano</i> , 2020, 14, 8202-8219.	7.3	53
24	Roles of Hypoxia During the Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 141-147.	0.6	49
25	Minimally Invasive Posterior Decompression Combined With Percutaneous Pedicle Screw Fixation for the Treatment of Thoracolumbar Fractures With Neurological Deficits. <i>Spine</i> , 2016, 41, B23-B29.	1.0	47
26	Oxygen-Sensing Nox4 Generates Genotoxic ROS to Induce Premature Senescence of Nucleus Pulposus Cells through MAPK and NF- κ B Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	1.9	47
27	Perioperative complications related to minimally invasive transforaminal lumbar fusion: evaluation of 204 operations on lumbar instability at single center. <i>Spine Journal</i> , 2014, 14, 2078-2084.	0.6	45
28	miR-96 promotes osteogenic differentiation by suppressing HBEGF-EGFR signaling in osteoblastic cells. <i>FEBS Letters</i> , 2014, 588, 4761-4768.	1.3	42
29	miR-29c-3p promotes senescence of human mesenchymal stem cells by targeting CNOT6 through p53-p21 and p16-pRB pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 520-532.	1.9	41
30	Distinguishing characteristics of stem cells derived from different anatomical regions of human degenerated intervertebral discs. <i>European Spine Journal</i> , 2016, 25, 2691-2704.	1.0	41
31	MIF Plays a Key Role in Regulating Tissue-Specific Chondro-Osteogenic Differentiation Fate of Human Cartilage Endplate Stem Cells under Hypoxia. <i>Stem Cell Reports</i> , 2016, 7, 249-262.	2.3	39
32	Rivaroxaban for thromboprophylaxis after total hip or knee arthroplasty: a meta-analysis with trial sequential analysis of randomized controlled trials. <i>Scientific Reports</i> , 2016, 6, 23726.	1.6	38
33	Adolescent lumbar disc herniation: Experience from a large minimally invasive treatment centre for lumbar degenerative disease in Chongqing, China. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1415-1419.	0.6	37
34	Percutaneous Endoscopic Lumbar Discectomy and Minimally Invasive Transforaminal Lumbar Interbody Fusion for Recurrent Lumbar Disk Herniation. <i>World Neurosurgery</i> , 2017, 98, 14-20.	0.7	37
35	Construction of collagen II/hyaluronate/chondroitin-6-sulfate tri-copolymer scaffold for nucleus pulposus tissue engineering and preliminary analysis of its physico-chemical properties and biocompatibility. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 741-751.	1.7	36
36	Inhibition of the Notch1 Pathway Promotes the Effects of Nucleus Pulposus Cell-Derived Exosomes on the Differentiation of Mesenchymal Stem Cells into Nucleus Pulposus-Like Cells in Rats. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	36

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37	Cyclic Tensile Strain Induces Tenogenic Differentiation of Tendon-Derived Stem Cells in Bioreactor Culture. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	34
38	Comparison of Three Minimally Invasive Spine Surgery Methods for Revision Surgery for Recurrent Herniation After Percutaneous Endoscopic Lumbar Discectomy. <i>World Neurosurgery</i> , 2017, 100, 641-647.e1.	0.7	33
39	Study to determine the presence of progenitor cells in the degenerated human cartilage endplates. <i>European Spine Journal</i> , 2012, 21, 613-622.	1.0	32
40	O-GlcNAcylation: a bridge between glucose and cell differentiation. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 769-781.	1.6	32
41	Risk Factors for the Recurrent Herniation After Microendoscopic Discectomy. <i>World Neurosurgery</i> , 2016, 95, 451-455.	0.7	32
42	Percutaneous Endoscopic Lumbar Discectomy Assisted by O-Arm-Based Navigation Improves the Learning Curve. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	32
43	Facet tropism: possible role in the pathology of lumbar disc herniation in adolescents. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 111-115.	0.8	30
44	NeuroRegen Scaffolds Combined with Autologous Bone Marrow Mononuclear Cells for the Repair of Acute Complete Spinal Cord Injury: A 3-Year Clinical Study. <i>Cell Transplantation</i> , 2020, 29, 096368972095063.	1.2	30
45	Injectable cartilage matrix hydrogel loaded with cartilage endplate stem cells engineered to release exosomes for non-invasive treatment of intervertebral disc degeneration. <i>Bioactive Materials</i> , 2022, 15, 29-43.	8.6	30
46	Kinensinoid ameliorates intervertebral disc degeneration through the activation of AKT-ERK1/2-Nrf2 signaling pathway. <i>Aging</i> , 2019, 11, 7961-7977.	1.4	29
47	Endoscopic transforaminal lumbar decompression, interbody fusion and pedicle screw fixation—a report of 42 cases. <i>Chinese Journal of Traumatology - English Edition</i> , 2008, 11, 225-231.	0.7	28
48	Metastatic Spinal Cord Compression from Non-Small-Cell Lung Cancer Treated with Surgery and Adjuvant Therapies. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1418-1425.	1.4	28
49	Comparison of MED and PELD in the Treatment of Adolescent Lumbar Disc Herniation: A 5-Year Retrospective Follow-Up. <i>World Neurosurgery</i> , 2018, 112, e255-e260.	0.7	28
50	Autophagy mediates serum starvation-induced quiescence in nucleus pulposus stem cells by the regulation of P27. <i>Stem Cell Research and Therapy</i> , 2019, 10, 118.	2.4	28
51	Macrophage Migration Inhibitory Factor Inhibits the Migration of Cartilage End Plate-Derived Stem Cells by Reacting with CD74. <i>PLoS ONE</i> , 2012, 7, e43984.	1.1	27
52	Roles of micro RNAs in prenatal chondrogenesis, postnatal chondrogenesis and cartilage-related diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1515-1524.	1.6	27
53	Matrix stiffness promotes cartilage endplate chondrocyte calcification in disc degeneration via miR-20a targeting ANKH expression. <i>Scientific Reports</i> , 2016, 6, 25401.	1.6	27
54	Minimally Invasive Full-Endoscopic Posterior Cervical Foraminotomy Assisted by O-Arm-Based Navigation. <i>Pain Physician</i> , 2018, 21, E215-E223.	0.3	27

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55	Histopathological changes in supraspinous ligaments, ligamentum flava and paraspinal muscle tissues of patients with ankylosing spondylitis. <i>International Journal of Rheumatic Diseases</i> , 2016, 19, 420-429.	0.9	26
56	Minimally Invasive Transforaminal Lumbar Interbody Fusion Versus Percutaneous Endoscopic Lumbar Discectomy: Revision Surgery for Recurrent Herniation After Microendoscopic Discectomy. <i>World Neurosurgery</i> , 2017, 99, 89-95.	0.7	26
57	The matrikine N-acetylated proline-glycine-proline induces premature senescence of nucleus pulposus cells via CXCR1-dependent ROS accumulation and DNA damage and reinforces the destructive effect of these cells on homeostasis of intervertebral discs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 220-230.	1.8	25
58	Cyclic mechanical tension reinforces DNA damage and activates the p53-p21-Rb pathway to induce premature senescence of nucleus pulposus cells. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3316-3326.	1.8	25
59	Cartilage Endplate Stem Cells Transdifferentiate Into Nucleus Pulposus Cells via Autocrine Exosomes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648201.	1.8	25
60	Primary non-Hodgkin's lymphoma of the lumbar vertebrae mimicking tuberculous spondylitis: a case report. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 1621-1625.	1.3	24
61	Analysis of the Characteristics and Clinical Outcomes of Percutaneous Endoscopic Lumbar Discectomy for Upper Lumbar Disc Herniation. <i>World Neurosurgery</i> , 2016, 92, 142-147.	0.7	24
62	A Novel Targeted Foraminoplasty Device Improves the Efficacy and Safety of Foraminoplasty in Percutaneous Endoscopic Lumbar Discectomy: Preliminary Clinical Application of 70 Cases. <i>World Neurosurgery</i> , 2018, 115, e263-e271.	0.7	24
63	Percutaneous Endoscopic Lumbar Reoperation for Recurrent Sciatica Symptoms: A Retrospective Analysis of Outcomes and Prognostic Factors in 94 Patients. <i>World Neurosurgery</i> , 2018, 109, e761-e769.	0.7	24
64	Glucose regulates tissue-specific chondro-osteogenic differentiation of human cartilage endplate stem cells via O-GlcNAcylation of Sox9 and Runx2. <i>Stem Cell Research and Therapy</i> , 2019, 10, 357.	2.4	24
65	PSSP-RFE: Accurate Prediction of Protein Structural Class by Recursive Feature Extraction from PSI-BLAST Profile, Physical-Chemical Property and Functional Annotations. <i>PLoS ONE</i> , 2014, 9, e92863.	1.1	24
66	Collagen-Derived N-Acetylated Proline-Glycine-Proline in Intervertebral Discs Modulates CXCR1/2 Expression and Activation in Cartilage Endplate Stem Cells to Induce Migration and Differentiation Toward a Pro-Inflammatory Phenotype. <i>Stem Cells</i> , 2015, 33, 3558-3568.	1.4	23
67	Migration Inhibitory Factor Enhances Inflammation via CD74 in Cartilage End Plates with Modic Type 1 Changes on MRI. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 1943-1954.	0.7	22
68	Prognostic Factors for Recovery of Patients After Surgery for Thoracic Spinal Tuberculosis. <i>World Neurosurgery</i> , 2017, 105, 327-331.	0.7	21
69	Posterior Endoscopic Cervical Decompression: Review and Technical Note. <i>Neurospine</i> , 2020, 17, S74-S80.	1.1	21
70	Minimally Invasive Computer Navigation-Assisted Endoscopic Transforaminal Interbody Fusion with Bilateral Decompression via a Unilateral Approach: Initial Clinical Experience at One-Year Follow-Up. <i>World Neurosurgery</i> , 2017, 106, 291-299.	0.7	20
71	Comparison of the fenestrated pedicle screw and conventional pedicle screw in minimally percutaneous fixation for the treatment of spondylolisthesis with osteoporotic spine. <i>Clinical Neurology and Neurosurgery</i> , 2019, 183, 105377.	0.6	20
72	Irregular Alteration of Facet Orientation in Lumbar Segments: Possible Role in Pathology of Lumbar Disc Herniation in Adolescents. <i>World Neurosurgery</i> , 2016, 86, 321-327.	0.7	19

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73	FOXO3 protects nucleus pulposus cells against apoptosis under nutrient deficiency via autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 756-763.	1.0	18
74	A positive feedback loop between EZH2 and NOX4 regulates nucleus pulposus cell senescence in age-related intervertebral disc degeneration. <i>Cell Division</i> , 2020, 15, 2.	1.1	18
75	Disc herniation in the thoracolumbar junction treated by minimally invasive transforaminal interbody fusion surgery. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 431-435.	0.8	17
76	Repairing the ruptured annular fibrosus by using type I collagen combined with citric acid, EDC and NHS: an in vivo study. <i>European Spine Journal</i> , 2017, 26, 884-893.	1.0	17
77	Collagen II/hyaluronan/chondroitin sulfate triopolymer scaffold for nucleus pulposus tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 322-331.	1.6	16
78	Mesenchymal stem cells regulate mechanical properties of human degenerated nucleus pulposus cells through SDF-1/CXCR4/AKT axis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1961-1968.	1.9	15
79	Global profiling of the gene expression and alternative splicing events during hypoxia-regulated chondrogenic differentiation in human cartilage endplate-derived stem cells. <i>Genomics</i> , 2016, 107, 170-177.	1.3	15
80	Electrospun scaffold containing TGF β 1 promotes human mesenchymal stem cell differentiation towards a nucleus pulposus-like phenotype under hypoxia. <i>IET Nanobiotechnology</i> , 2015, 9, 76-84.	1.9	14
81	Collagen-derived N-acetylated proline-glycine-proline upregulates the expression of pro-inflammatory cytokines and extracellular matrix proteases in nucleus pulposus cells via the NF- κ B and MAPK signaling pathways. <i>International Journal of Molecular Medicine</i> , 2017, 40, 164-174.	1.8	14
82	Radiation Dose Reduction and Surgical Efficiency Improvement in Endoscopic Transforaminal Lumbar Interbody Fusion Assisted by Intraoperative O-arm Navigation: A Retrospective Observational Study. <i>Neurosurgery</i> , 2022, 19, 376-384.	1.1	14
83	In vitro investigation of a tissue-engineered cell-tendon complex mimicking the transitional architecture at the ligament-bone interface. <i>Journal of Biomaterials Applications</i> , 2015, 29, 1180-1192.	1.2	13
84	Cartilage intermediate layer protein affects the progression of intervertebral disc degeneration by regulating the extracellular microenvironment (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 475-484.	1.8	13
85	Minimally invasive strategies and options for far-lateral lumbar disc herniation. <i>Chinese Journal of Traumatology - English Edition</i> , 2008, 11, 259-266.	0.7	12
86	Comparison of early and late percutaneous endoscopic lumbar discectomy for lumbar disc herniation. <i>Acta Neurochirurgica</i> , 2013, 155, 1931-1936.	0.9	12
87	Intermittent cyclic mechanical tension altered the microRNA expression profile of human cartilage endplate chondrocytes. <i>Molecular Medicine Reports</i> , 2018, 17, 5238-5246.	1.1	12
88	Clinical experience and results of lumbar microendoscopic discectomy: a study with a five-year follow-up. <i>Orthopaedic Surgery</i> , 2009, 1, 171-175.	0.7	11
89	Bcl-2/E1B-19KD-Interacting Protein 3/Light Chain 3 Interaction Induces Mitophagy in Spinal Cord Injury in Rats Both In Vivo and In Vitro. <i>Journal of Neurotrauma</i> , 2018, 35, 2183-2194.	1.7	11
90	Upregulation of T β RIII facilitates the osteogenesis of supraspinous ligament-derived fibroblasts from patients with ankylosing spondylitis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1613-1623.	1.6	11

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91	An enhanced recovery after surgery pathway: LOS reduction, rapid discharge and minimal complications after anterior cervical spine surgery. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 252.	0.8	11
92	Postoperative dysesthesia in minimally invasive transforaminal lumbar interbody fusion: a report of five cases. <i>European Spine Journal</i> , 2016, 25, 1595-1600.	1.0	10
93	Prognostic Factors for Recovery After Anterior Debridement/Bone Grafting and Posterior Instrumentation for Lumbar Spinal Tuberculosis. <i>World Neurosurgery</i> , 2017, 104, 660-667.	0.7	10
94	The protective effects of Donepezil (DP) against cartilage matrix destruction induced by TNF- α . <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 115-118.	1.0	9
95	A genome-wide analysis of the gene expression profiles and alternative splicing events during the hypoxia-regulated osteogenic differentiation of human cartilage endplate-derived stem cells. <i>Molecular Medicine Reports</i> , 2017, 16, 1991-2001.	1.1	9
96	Novel electromagnetic-based navigation for percutaneous transforaminal endoscopic lumbar decompression in patients with lumbar spinal stenosis reduces radiation exposure and enhances surgical efficiency compared to fluoroscopy: a randomized controlled trial. <i>Annals of Translational Medicine</i> , 2020, 8, 1215-1215.	0.7	9
97	Direct Anterior Approach in Crowe Type III Developmental Dysplasia of the Hip: Surgical Technique and 2â€‰years Followâ€‰up from Southwest China. <i>Orthopaedic Surgery</i> , 2020, 12, 1140-1152.	0.7	9
98	A Modified Endoscopic Transforaminal Lumbar Interbody Fusion Technique: Preliminary Clinical Results of 96 Cases. <i>Frontiers in Surgery</i> , 2021, 8, 676847.	0.6	9
99	Molecular basis of degenerative spinal disorders from a proteomic perspective (Review). <i>Molecular Medicine Reports</i> , 2020, 21, 9-19.	1.1	9
100	Global Gene Expression Profiling and Alternative Splicing Events during the Chondrogenic Differentiation of Human Cartilage Endplate-Derived Stem Cells. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	8
101	Endoscopic lumbar discectomy and minimally invasive lumbar interbody fusion: a contrastive review. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2018, 13, 429-434.	0.3	8
102	Autophagy protects nucleus pulposus cells from cyclic mechanical tensionâ€‰induced apoptosis. <i>International Journal of Molecular Medicine</i> , 2019, 44, 750-758.	1.8	8
103	Roles of multimodal intra-operative neurophysiological monitoring (IONM) in percutaneous endoscopic transforaminal lumbar interbody fusion: a case series of 113 patients. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 989.	0.8	7
104	Design and finite-element evaluation of a versatile assembled lumbar interbody fusion cage. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010, 130, 565-571.	1.3	6
105	Comparison of Endoscope-Assisted and Microscope-Assisted Tubular Surgery for Lumbar Laminectomies and Discectomies: Minimum 2-Year Follow-Up Results. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	6
106	Retrospective Comparative Study of Pedicle Screw Fixation <i>via</i> Quadrant Retractor and Buck's Technique in the Treatment of Adolescent Spondylolysis. <i>Orthopaedic Surgery</i> , 2022, 14, 111-118.	0.7	6
107	General regulatory effects of hypoxia on human cartilage endplate-derived stem cells: A genome-wide analysis of differential gene expression and alternative splicing events. <i>Molecular Medicine Reports</i> , 2017, 16, 3001-3009.	1.1	5
108	Clinical outcomes of minimally invasive transforaminal lumbar interbody fusion via a novel tubular retractor. <i>Journal of International Medical Research</i> , 2020, 48, 030006052092009.	0.4	5

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109	Down regulation of human positive coactivator 4 suppress tumorigenesis and lung metastasis of osteosarcoma. <i>Oncotarget</i> , 2017, 8, 53210-53225.	0.8	5
110	A Novel Inextensible Endoscopic Tube Versus Traditional Extensible Retractor System in Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Prospective Observation Study. <i>Pain Physician</i> , 2019, 22, E587-E599.	0.3	5
111	The clinical features of, and microendoscopic decompression for, extraforaminal entrapment of the L5 spinal nerve. <i>Orthopaedic Surgery</i> , 2009, 1, 74-77.	0.7	4
112	How Much Benefit Can Patients Acquire from Enhanced Recovery After Surgery Protocols with Percutaneous Endoscopic Lumbar Interbody Fusion?. <i>International Journal of General Medicine</i> , 2021, Volume 14, 3125-3132.	0.8	4
113	In situ regeneration of bone-to-tendon structures: Comparisons between costal-cartilage derived stem cells and BMSCs in the rat model. <i>Acta Biomaterialia</i> , 2022, 145, 62-76.	4.1	4
114	Suppression subtractive hybridization reveals differentially expressed genes in supraspinous ligaments of patients with ankylosing spondylitis. <i>Molecular Medicine Reports</i> , 2015, 11, 4482-4488.	1.1	3
115	Data for the gene expression profiling and alternative splicing events during the chondrogenic differentiation of human cartilage endplate-derived stem cells under hypoxia. <i>Data in Brief</i> , 2016, 7, 1438-1442.	0.5	3
116	Subtrochanteric Osteotomy in Direct Anterior Approach Total Hip Arthroplasty. <i>Orthopaedic Surgery</i> , 2020, 12, 2041-2047.	0.7	3
117	Direct Anterior Approach: The Outlook of Total Hip Arthroplasty in Crowe Type IIIIV Hip Dysplasia. <i>Orthopaedic Surgery</i> , 2020, 12, 1016-1018.	0.7	3
118	A Novel Inextensible Endoscopic Tube Versus Traditional Extensible Retractor System in Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Prospective Observation Study. <i>Pain Physician</i> , 2019, 6, E587-E599.	0.3	3
119	Cellular mechanical properties reflect the differentiation potential of nucleus pulposus-derived progenitor cells. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 4446-4454.	0.0	3
120	Restoration of Constitutional Alignment in TKA with a Novel Osteotomy Technique. <i>Journal of Knee Surgery</i> , 2020, 33, 190-199.	0.9	2
121	Microendoscopic discectomy versus minimally invasive transforaminal lumbar interbody fusion for lumbar spinal stenosis without spondylolisthesis. <i>Medicine (United States)</i> , 2020, 99, e20743.	0.4	2
122	The accuracy and effectiveness of automatic pedicle screw trajectory planning based on computer tomography values: an in vitro osteoporosis model study. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 165.	0.8	2
123	Does MIS-TLIF or TLIF result in better pedicle screw placement accuracy and clinical outcomes with navigation guidance?. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 153.	0.8	2
124	Percutaneous Endoscopic Lumbar Discectomy Using a Double Cannula Guide Tube for Large Lumbar Disc Herniation. <i>Orthopaedic Surgery</i> , 2022, 14, 1385-1394.	0.7	2
125	Spinal tuberculosis occurring after a closed bursting fracture of the vertebrae. <i>European Spine Journal</i> , 2012, 21, 525-530.	1.0	1
126	C-Arm X-Ray Machine Guided Blocking Treatment of Lumbar Facet Joint Osteoarthritis. <i>Advanced Materials Research</i> , 2013, 756-759, 4549-4552.	0.3	1

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127	Minimally Invasive Full-Endoscopic Posterior Cervical Foraminotomy Assisted by O-Arm-Based Navigation. <i>Pain Physician</i> , 2018, 1, E217-E223.	0.3	1
128	Tissue-engineered bone used in a rabbit model of lumbar intertransverse process fusion: A comparison of osteogenic capacity between two different stem cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 2570-2578.	0.8	1
129	Clinical Outcomes and Quality of Life in Elderly Patients Treated with a Newly Designed Double Tube Endoscopy for Degenerative Lumbar Spinal Stenosis. <i>Orthopaedic Surgery</i> , 0, , .	0.7	1