

Hao Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193
papers

1,256
citations

18
h-index

28
g-index

237
ext. papers

1,652
ext. citations

2.7
avg, IF

4.71
L-index

#	Paper	IF	Citations
193	Synthesis and biological evaluation of 4-(1,2,3-triazol-1-yl)coumarin derivatives as potential antitumor agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 799-807	2.9	102
192	Immunoregulatory Protein B7-H3 Reprograms Glucose Metabolism in Cancer Cells by ROS-Mediated Stabilization of HIF1 α . <i>Cancer Research</i> , 2016 , 76, 2231-42	10.1	65
191	Effects of hypoxias and scaffold architecture on rabbit mesenchymal stem cell differentiation towards a nucleus pulposus-like phenotype. <i>Biomaterials</i> , 2011 , 32, 8182-9	15.6	52
190	Gene therapy for nucleus pulposus regeneration by heme oxygenase-1 plasmid DNA carried by mixed polyplex micelles with thermo-responsive heterogeneous coronas. <i>Biomaterials</i> , 2015 , 52, 1-13	15.6	36
189	Association between maternal, fetal and paternal MTHFR gene C677T and A1298C polymorphisms and risk of recurrent pregnancy loss: a comprehensive evaluation. <i>Archives of Gynecology and Obstetrics</i> , 2016 , 293, 1197-211	2.5	34
188	A Meta-Analysis of the Incidence of Patient-Reported Dysphagia After Anterior Cervical Decompression and Fusion with the Zero-Profile Implant System. <i>Dysphagia</i> , 2016 , 31, 134-45	3.7	29
187	Quercetin liposomes protect against radiation-induced pulmonary injury in a murine model. <i>Oncology Letters</i> , 2013 , 6, 453-459	2.6	28
186	Effect of Mini-plate Fixation on Hinge Fracture and Bony Fusion in Unilateral Open-door Cervical Expansive Laminoplasty. <i>Clinical Spine Surgery</i> , 2016 , 29, E288-95	1.8	27
185	The biomechanical impact of facet tropism on the intervertebral disc and facet joints in the cervical spine. <i>Spine Journal</i> , 2017 , 17, 1926-1931	4	27
184	Comparison of the incidence of patient-reported post-operative dysphagia between ACDF with a traditional anterior plate and artificial cervical disc replacement. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 148, 72-8	2	27
183	The Facet Orientation of the Subaxial Cervical Spine and the Implications for Cervical Movements and Clinical Conditions. <i>Spine</i> , 2017 , 42, E320-E325	3.3	25
182	Clinical and radiography results of mini-plate fixation compared to suture suspensory fixation in cervical laminoplasty: A five-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 138, 188-95 ²		23
181	Variation of facet joint orientation and tropism in lumbar degenerative spondylolisthesis and disc herniation at L4-L5: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 161, 41-47	2	20
180	Comparison of anterior cervical discectomy and fusion with the zero-profile device versus plate and cage in treating cervical degenerative disc disease: A meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2016 , 33, 11-18	2.2	19
179	Association between MTHFR C677T polymorphism and neural tube defect risks: A comprehensive evaluation in three groups of NTD patients, mothers, and fathers. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015 , 103, 488-500		18
178	The impact of the difference in O-C2 angle in the development of dysphagia after occipitocervical fusion: a simulation study in normal volunteers combined with a case-control study. <i>Spine Journal</i> , 2018 , 18, 1388-1397	4	18
177	Multivariate Analysis of Factors Associated With Axial Symptoms in Unilateral Expansive Open-Door Cervical Laminoplasty With Miniplate Fixation. <i>Medicine (United States)</i> , 2016 , 95, e2292	1.8	18

176	Physiological electric field works via the VEGF receptor to stimulate neovessel formation of vascular endothelial cells in a 3D environment. <i>Biology Open</i> , 2018 , 7,	2.2	18
175	Geometry of inferior endplates of the cervical spine. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 142, 132-136	2	17
174	The effect of deviated center of rotation on flexion-extension range of motion after single-level cervical arthroplasty: an in vivo study. <i>Spine</i> , 2014 , 39, B12-8	3.3	16
173	Effect of Prosthesis Width and Depth on Heterotopic Ossification After Cervical Disc Arthroplasty. <i>Spine</i> , 2019 , 44, 624-628	3.3	14
172	Elevated level of D-dimer increases the risk of stroke. <i>Oncotarget</i> , 2018 , 9, 2208-2219	3.3	14
171	Human umbilical cord mesenchymal stem cells to treat spinal cord injury in the early chronic phase: study protocol for a prospective, multicenter, randomized, placebo-controlled, single-blinded clinical trial. <i>Neural Regeneration Research</i> , 2020 , 15, 1532-1538	4.5	14
170	Comparison of clinical and radiographic results between isobar posterior dynamic stabilization and posterior lumbar inter-body fusion for lumbar degenerative disease: A four-year retrospective study. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 136, 100-6	2	13
169	Injectable Gelatin Hydrogel Suppresses Inflammation and Enhances Functional Recovery in a Mouse Model of Intracerebral Hemorrhage. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 785	5.8	13
168	Clinical and radiographic comparison of cervical disc arthroplasty with Prestige-LP Disc and anterior cervical fusion: A minimum 6-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2018 , 164, 97-102	2	13
167	Postoperative Heterotopic Ossification After Cervical Disc Replacement Is Likely a Reflection of the Degeneration Process. <i>World Neurosurgery</i> , 2019 , 125, e1063-e1068	2.1	12
166	Biomechanics following skip-level cervical disc arthroplasty versus skip-level cervical discectomy and fusion: a finite element-based study. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 49	2.8	12
165	Clinical and radiographic outcomes of dynamic cervical implant replacement for treatment of single-level degenerative cervical disc disease: a 24-month follow-up. <i>European Spine Journal</i> , 2014 , 23, 1680-7	2.7	12
164	Microsurgery for intracranial arteriovenous malformation: Long-term outcomes in 445 patients. <i>PLoS ONE</i> , 2017 , 12, e0174325	3.7	12
163	Biomechanical effects on the intermediate segment of noncontiguous hybrid surgery with cervical disc arthroplasty and anterior cervical discectomy and fusion: a finite element analysis. <i>Spine Journal</i> , 2019 , 19, 1254-1263	4	12
162	A Comparison of Cervical Disc Arthroplasty and Anterior Cervical Discectomy and Fusion in Patients with Two-Level Cervical Degenerative Disc Disease: 5-Year Follow-Up Results. <i>World Neurosurgery</i> , 2019 , 122, e1083-e1089	2.1	12
161	Comparison the efficacy of hemorrhage control of Surgiflo Haemostatic Matrix and absorbable gelatin sponge in posterior lumbar surgery: A randomized controlled study. <i>Medicine (United States)</i> , 2018 , 97, e13511	1.8	12
160	Use of rapid prototyping drill template for the expansive open door laminoplasty: A cadaveric study. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 150, 13-17	2	11
159	Posterior distraction reduction and occipitocervical fixation for the treatment of basilar invagination and atlantoaxial dislocation. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 140, 60-7	2	11

158	Relationship between facet tropism and facet joint degeneration in the sub-axial cervical spine. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 86	2.8	11
157	Clinical and radiographic features of hybrid surgery for the treatment of skip-level cervical degenerative disc disease: A minimum 24-month follow-up. <i>Journal of Clinical Neuroscience</i> , 2017 , 40, 102-108	2.2	10
156	Multiple repair pathways mediate cellular tolerance to resveratrol-induced DNA damage. <i>Toxicology in Vitro</i> , 2017 , 42, 130-138	3.6	10
155	Cervical disc arthroplasty with Prestige-LP for the treatment of contiguous 2-level cervical degenerative disc disease: 5-year follow-up results. <i>Medicine (United States)</i> , 2018 , 97, e9671	1.8	10
154	Is the behavior of disc replacement adjacent to fusion affected by the location of the fused level in hybrid surgery?. <i>Spine Journal</i> , 2018 , 18, 2171-2180	4	10
153	Clinical and radiographic outcomes of cervical disc arthroplasty with Prestige-LP Disc: a minimum 6-year follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 285	2.8	10
152	Hypoxia promotes nucleus pulposus phenotype in 3D scaffolds in vitro and in vivo: laboratory investigation. <i>Journal of Neurosurgery: Spine</i> , 2014 , 21, 303-9	2.8	10
151	Cervical tuberculosis associated with cervical pain and neurologic deficit: a case report and literature review. <i>Spine Journal</i> , 2014 , 14, e13-8	4	10
150	Anterior single segmental decompression and fixation for Denis B type thoracolumbar burst fracture with neurological deficiency: thirty-four cases with average twenty-six month follow-up. <i>Spine</i> , 2011 , 36, E598-605	3.3	10
149	In vitro biomechanical comparison after fixed- and mobile-core artificial cervical disc replacement versus fusion. <i>Medicine (United States)</i> , 2017 , 96, e8291	1.8	9
148	Association between interleukin-18 gene promoter (-1607C/A and -137G/C) polymorphisms and chronic hepatitis C virus infections: A meta-analysis. <i>Meta Gene</i> , 2015 , 5, 21-31	0.7	9
147	Effect of intervertebral disc height on the range of motion and clinical outcomes after single-level implantation of Prestige LP cervical disc prosthesis. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 148, 1-4	2	9
146	Use of a biological reactor and platelet-rich plasma for the construction of tissue-engineered bone to repair articular cartilage defects. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 711-719	2.1	9
145	Artificial cervical disc replacement with the Prestige-LP prosthesis for the treatment of non-contiguous 2-level cervical degenerative disc disease: A minimum 24-month follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 152, 57-62	2	9
144	Rapid Nanopore Assay for Carbapenem-Resistant. <i>Frontiers in Microbiology</i> , 2019 , 10, 1672	5.7	8
143	Clinical comparison of 2 implantation systems for single-level cervical disk replacement. <i>Orthopedics</i> , 2014 , 37, e161-8	1.5	8
142	Incidence of bone loss after Prestige-LP cervical disc arthroplasty: a single-center retrospective study of 396 cases. <i>Spine Journal</i> , 2020 , 20, 1219-1228	4	8
141	Comparison of Heterotopic Ossification After Fixed- and Mobile-Core Cervical Disc Arthroplasty. <i>World Neurosurgery</i> , 2018 , 120, e1319-e1324	2.1	8

140	Short-Term Outcomes of Anterior Fusion-Nonfusion Hybrid Surgery versus Posterior Cervical Laminoplasty in the Treatment of Multilevel Cervical Spondylotic Myelopathy. <i>World Neurosurgery</i> , 2018 , 116, e1007-e1014	2.1	8
139	Five-Year Trends in Center of Rotation After Single-Level Cervical Arthroplasty with the Prestige-LP Disc. <i>World Neurosurgery</i> , 2019 , 132, e941-e948	2.1	7
138	Successful Management of Sacral Dural Arteriovenous Fistulas: A Case Series and Literature Review. <i>World Neurosurgery</i> , 2019 , 126, 164-170	2.1	7
137	Is Anterior Bone Loss the Opposite of Anterior Heterotopic Ossification in Prestige-LP Cervical Disc Replacement?. <i>World Neurosurgery</i> , 2020 , 136, e407-e418	2.1	7
136	Facet joint disturbance induced by miniscrews in plated cervical laminoplasty: Dose it influence the clinical and radiologic outcomes?. <i>Medicine (United States)</i> , 2016 , 95, e4666	1.8	7
135	Location change of center of rotation after single-level cervical total disc replacement with ProDisc-C. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2016 , 50, 339-45	1.3	7
134	Comparison of cervical disc arthroplasty and anterior cervical discectomy and fusion for the treatment of cervical disc degenerative diseases on the basis of more than 60 months of follow-up: a systematic review and meta-analysis. <i>BMC Neurology</i> , 2020 , 20, 143	3.1	7
133	Wear assessments of a new cervical spinal disk prosthesis: Influence of loading and kinematic patterns during in vitro wear simulation. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015 , 229, 619-28	1.7	6
132	Is There a Relationship Between Bony Fusion After Anterior Cervical Discectomy and Fusion and Heterotopic Ossification After Cervical Disc Arthroplasty in Hybrid Surgery?. <i>Spine</i> , 2020 , 45, E1653-E1660	2.3	6
131	Risk Factors for Significant Intraoperative Blood Loss During Unilateral Expansive Open-Door Cervical Laminoplasty for Cervical Compressive Myelopathy. <i>World Neurosurgery</i> , 2018 , 114, e1253-e1260	2.1	6
130	Heterotopic ossification is related to change in disc space angle after Prestige-LP cervical disc arthroplasty. <i>European Spine Journal</i> , 2019 , 28, 2359-2370	2.7	6
129	Influence of Fusion on the Behavior of Adjacent Disc Arthroplasty in Contiguous 2-Level Hybrid Surgery In Vivo. <i>World Neurosurgery</i> , 2019 , 132, e929-e940	2.1	6
128	Comparison of dynamic cervical implant versus anterior cervical discectomy and fusion for the treatment of single-level cervical degenerative disc disease: A five-year follow-up. <i>Clinical Neurology and Neurosurgery</i> , 2018 , 164, 103-107	2	6
127	Distribution Pattern Making Sense: Patients Achieve Rapider Pain Relief with Confluent Rather Than Separated Bilateral Cement in Percutaneous Kyphoplasty for Osteoporotic Vertebral Compression Fractures. <i>World Neurosurgery</i> , 2019 , 126, e1190-e1196	2.1	5
126	Cervical disc arthroplasty for the treatment of adjacent segment disease: A systematic review of clinical evidence. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 162, 1-11	2	5
125	Treatment of osteoblastoma at C3-4 in a child: a case report. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 313	2.8	5
124	Treatment of irreducible old atlantoaxial subluxation with cable-dragged reduction and cantilever beam internal fixation. <i>Spine</i> , 2011 , 36, E983-92	3.3	5
123	Polymorphisms in four microRNAs and risk of oral squamous cell cancer: a meta-analysis. <i>Oncotarget</i> , 2018 , 9, 8695-8705	3.3	5

122	Insights of stem cell-based endogenous repair of intervertebral disc degeneration. <i>World Journal of Stem Cells</i> , 2020 , 12, 266-276	5.6	5
121	Association of cervical sagittal alignment with adjacent segment degeneration and heterotopic ossification following cervical disc replacement with Prestige-LP disc. <i>Journal of Orthopaedic Surgery</i> , 2020 , 28, 2309499020968295	1.4	5
120	Cervical disc arthroplasty versus anterior cervical discectomy and fusion for the treatment of single-level disc degenerative disease with preoperative reversible kyphosis. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 202, 106493	2	5
119	Effect of Disc Height and Degree of Distraction on Heterotopic Ossification After Cervical Disc Replacement. <i>World Neurosurgery</i> , 2021 , 145, e100-e107	2.1	5
118	Interactions of Alginate-Deferoxamine Conjugates With Blood Components and Their Antioxidation in the Hemoglobin Oxidation Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 53	5.8	4
117	Clinical and radiographic outcome of dynamic cervical implant (DCI) arthroplasty for degenerative cervical disc disease: a minimal five-year follow-up. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 101	2.8	4
116	Intraoperative Anterior Migration of the Prestige-LP Cervical Disc Owing to an Inappropriate Implantation Sequence During Continuous 2-Level Artificial Cervical Disc Replacement: A Case Report with 8-Year Follow-Up. <i>World Neurosurgery</i> , 2018 , 116, 194-200	2.1	4
115	Biomechanical evaluation of cervical disc replacement with a novel prosthesis based on the physiological curvature of endplate. <i>Journal of Orthopaedic Surgery and Research</i> , 2018 , 13, 41	2.8	4
114	A novel and convenient method to evaluate bone cement distribution following percutaneous vertebral augmentation. <i>Scientific Reports</i> , 2020 , 10, 16320	4.9	4
113	Does preoperative inferior endplate morphology influence the outcomes of cervical disc arthroplasty at C5-C6 level: A retrospective study. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 190, 105666	2	4
112	Cervical Alignment After Cervical Arthroplasty with Prestige-LP Disc at C5-C6 Level. <i>World Neurosurgery</i> , 2020 , 140, e33-e40	2.1	4
111	The Application of Virtual Reality in Cervical Spinal Surgery: A Review. <i>World Neurosurgery</i> , 2021 , 145, 108-113	2.1	4
110	Residual Deformity After Anterior Cervical Discectomy and Fusion for Unstable Hangman® Fractures. <i>World Neurosurgery</i> , 2017 , 108, 216-224	2.1	3
109	Acid-sensing ion channels mediate the degeneration of intervertebral disc via various pathways-A systematic review. <i>Channels</i> , 2019 , 13, 367-373	3	3
108	Cervical Disc Arthroplasty Combined with Interbody Fusion for the Treatment of Cervical Myelopathy with Diffuse Idiopathic Skeletal Hyperostosis: A Case Report. <i>Chinese Medical Journal</i> , 2016 , 129, 1877-9	2.9	3
107	High FABP5 Versus CRABP II Expression Ratio in Recurrent Craniopharyngiomas: Implications for Future Treatment. <i>World Neurosurgery</i> , 2016 , 94, 197-205	2.1	3
106	A case of atypical spinal tuberculosis mimicking metastatic tumor. <i>Spine Journal</i> , 2016 , 16, e267-70	4	3
105	Optimal area of lateral mass mini-screws implanted in plated cervical laminoplasty: a radiography anatomy study. <i>European Spine Journal</i> , 2017 , 26, 1140-1148	2.7	3

104	Intraoperative conversion of artificial cervical disc replacement to anterior cervical discectomy and fusion for iatrogenic fracture: A rare case report. <i>Medicine (United States)</i> , 2017 , 96, e8917	1.8	3
103	Epigallocatechin Gallate Attenuates Hip Fracture-Induced Acute Lung Injury by Limiting Mitochondrial DNA (mtDNA) Release. <i>Medical Science Monitor</i> , 2017 , 23, 3367-3372	3.2	3
102	Sudden cerebral infarction after interventional vertebral artery embolism for vertebral artery injury during removal of C1-C2 pedicle screw fixation: a case report. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 16803-7		3
101	Three-dimensional Printed Patient-specific Drilling Templates for Expansive Open-door Laminoplasty. <i>Chinese Medical Journal</i> , 2016 , 129, 2644-2646	2.9	3
100	Minimally Invasive Decompression and Intracorporeal Bone Grafting Combined with Temporary Percutaneous Short-Segment Pedicle Screw Fixation for Treatment of Thoracolumbar Burst Fracture with Neurological Deficits. <i>World Neurosurgery</i> , 2020 , 135, e209-e220	2.1	3
99	Clinical and radiological outcomes of single-level cervical disc arthroplasty in the patients with preoperative reversible kyphosis: A matched cohort study. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 198, 106247	2	3
98	Effect of Changes in Postoperative Intervertebral Space Height on Clinical and Radiological Outcomes After Cervical Disc Replacement. <i>World Neurosurgery</i> , 2021 , 145, e61-e67	2.1	3
97	Cervical sagittal alignment after Prestige LP cervical disc replacement: radiological results and clinical impacts from a single-center experience. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 82	2.8	3
96	Cervical Myelopathy Caused by Intracranial Dural Arteriovenous Fistula with Acute Worsening After Steroid Administration. <i>World Neurosurgery</i> , 2018 , 120, 328-330	2.1	3
95	Partial uncinectomy combined with anterior cervical discectomy and fusion for the treatment of one-level cervical radiculopathy: analysis of clinical efficacy and sagittal alignment. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 777	2.8	3
94	True metachronous multiple spinal dural arteriovenous fistulas: case report and review of the literature. <i>British Journal of Neurosurgery</i> , 2019 , 1-5	1	2
93	Diagnostic Performance of Increased Signal Intensity Within the Resection Cavity on Fluid-Attenuated Inversion Recovery Sequences for Detection of Progression in Patients with Glioma. <i>World Neurosurgery</i> , 2018 , 110, 434-441	2.1	2
92	Spontaneous regression of a retro-odontoid cyst. <i>Spine Journal</i> , 2016 , 16, e149-50	4	2
91	Cervical spinal cord herniation along with epidural cyst after posterior cervical spine surgery. <i>Spine Journal</i> , 2016 , 16, e533	4	2
90	Successful Management of Angiographically Occult Spinal Dural Arteriovenous Fistula with Multiple Draining Veins. <i>World Neurosurgery</i> , 2018 , 118, 53-54	2.1	2
89	Genistein-induced DNA damage is repaired by nonhomologous end joining and homologous recombination in TK6 cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2683-2692	7	2
88	Surgical strategy used in multilevel cervical disc replacement and cervical hybrid surgery: Four case reports. <i>World Journal of Clinical Cases</i> , 2020 , 8, 3890-3902	1.6	2
87	Establishment of primary cultures of craniopharyngioma cells. <i>Neural Regeneration Research</i> , 2012 , 7, 601-5	4.5	2

86	The effect of the difference in C angle on the occurrence of dysphagia after anterior cervical discectomy and fusion with the zero-P implant system. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 649	2.8	2
85	Association between anterior bone loss and anterior heterotopic ossification in hybrid surgery. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 664	2.8	2
84	Intramedullary hemorrhage from a thoracic dural arteriovenous fistula. <i>Neurology</i> , 2020 , 95, 881-882	6.5	2
83	Change in the postoperative intervertebral space height and its impact on clinical and radiological outcomes after ACDF surgery using a zero-profile device: a single-Centre retrospective study of 138 cases. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 543	2.8	2
82	Clinical and radiological outcomes of dynamic cervical implant arthroplasty: A 5-year follow-up. <i>World Journal of Clinical Cases</i> , 2021 , 9, 3869-3879	1.6	2
81	Safety and efficacy of three-dimensional printed patient-specific drilling templates for expansive open-door laminoplasty. <i>Chinese Medical Journal</i> , 2019 , 132, 2641-2643	2.9	2
80	The impact of different artificial disc heights during total cervical disc replacement: an in vitro biomechanical study. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 12	2.8	2
79	Blockade of macrophage-associated programmed death 1 inhibits the pyroptosis signalling pathway in sepsis. <i>Inflammation Research</i> , 2021 , 70, 993-1004	7.2	2
78	Insulin growth factor-1 enhances proliferation and inhibits apoptosis of neural progenitor cells by phosphorylation of Akt/mTOR/p70S6K molecules and triggering intrinsic apoptosis signaling pathway. <i>Cell and Tissue Banking</i> , 2021 , 1	2.2	2
77	Anti-tumor Activity of a Mitochondrial Targeted HSP90 Inhibitor in Gliomas.. <i>Clinical Cancer Research</i> , 2022 ,	12.9	2
76	Biomechanical Analysis of Bilateral Facet Joint Stabilization Using Bioderived Tendon for Posterior Cervical Spine Motion Reservation in Goats. <i>World Neurosurgery</i> , 2017 , 107, 268-275	2.1	1
75	Ossification of the cervical anterior longitudinal ligament is an underdiagnosed cause of difficult airway: a case report and review of the literature. <i>BMC Anesthesiology</i> , 2020 , 20, 161	2.4	1
74	Preoperative prone position exercises: a simple and novel method to improve tolerance to kyphoplasty for treatment of single level osteoporotic vertebral compression fractures. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 472	2.8	1
73	A case of spontaneous atlantoaxial facet fusion following posterior distraction reduction of basilar invagination. <i>Spine Journal</i> , 2016 , 16, e343-5	4	1
72	In-vivo study of osseointegration in Prestige LP cervical disc prosthesis. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 42	2.8	1
71	A meta-analysis comparing the short- and mid- to long-term outcomes of artificial cervical disc replacement(ACDR) with anterior cervical discectomy and fusion (ACDF) for the treatment of cervical degenerative disc disease.. <i>International Orthopaedics</i> , 2022 , 1	3.8	1
70	A Comparison of 2 Anterior Hybrid Techniques for 3-Level Cervical Degenerative Disc Disease. <i>Medical Science Monitor</i> , 2020 , 26, e927972	3.2	1
69	Anterior bone loss after cervical disc replacement: A systematic review. <i>World Journal of Clinical Cases</i> , 2020 , 8, 5284-5295	1.6	1

68	Growth hormone-secreting adenoma coexisted with gangliocytoma: a rare case. <i>International Journal of Clinical and Experimental Pathology</i> , 2018 , 11, 3785-3788	1.4	1
67	Predictive Value of Metabolic Parameters Derived From F-FDG PET/CT for Microsatellite Instability in Patients With Colorectal Carcinoma. <i>Frontiers in Immunology</i> , 2021 , 12, 724464	8.4	1
66	Is there any correlation between the recovery rate of JOA and the increasing of cervical spinal cord area after single-door cervical laminoplasty?. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 213, 107103	2	1
65	High-fidelity biosensing of dNTPs and nucleic acids by controllable subnanometer channel PaMscS.. <i>Biosensors and Bioelectronics</i> , 2021 , 200, 113894	11.8	1
64	Surgical Treatment of Scoliosis-Associated with Syringomyelia: The Role of Syrinx Size. <i>Neurology India</i> , 2020 , 68, 299-304	0.7	1
63	An Absorbable Collagen Biomembrane Help Improve Swallowing Function After Anterior Cervical Spine Surgery. <i>Dysphagia</i> , 2020 , 35, 780-786	3.7	1
62	Letter to the Editor concerning "Osteolysis after cervical disc arthroplasty" by Joaquim AF, et al. (Eur Spine J; [2020]: doi: 10.1007/s00586-020-06,578-2). <i>European Spine Journal</i> , 2020 , 29, 3248	2.7	1
61	Outcome and predictive factors in rapid progressive cervical spondylotic myelopathy: A retrospective case-control study. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 198, 106226	2	1
60	Mid- to long-term rates of symptomatic adjacent-level disease requiring surgery after cervical total disc replacement compared with anterior cervical discectomy and fusion: a meta-analysis of prospective randomized clinical trials. <i>Journal of Orthopaedic Surgery and Research</i> , 2020 , 15, 468	2.8	1
59	Letter to the editor concerning anterior bone loss after cervical bryan disc arthroplasty: insight into the biomechanics following total disc replacement. <i>Spine Journal</i> , 2020 , 20, 1520-1521	4	1
58	Rare Spinal Dural Arteriovenous Fistula with Double Draining Veins: 1 Draining Vein Mimicking Artery of Adamkiewicz: Case Report and Review of Literature. <i>World Neurosurgery</i> , 2020 , 133, 29-33	2.1	1
57	Is Cervical Disc Replacement Valuable in 3-Level Hybrid Surgery Compared with 3-Level Anterior Cervical Discectomy and Fusion?. <i>World Neurosurgery</i> , 2021 , 146, e151-e160	2.1	1
56	Effect of Facet Tropism on Postoperative Cervical Range of Motion After Single-Level Cervical Disc Arthroplasty. <i>Global Spine Journal</i> , 2021 , 2192568220986144	2.7	1
55	Comparison of Patient-Reported Postoperative Dysphagia in Patients Undergoing One-Level Versus Two-Level Anterior Cervical Discectomy and Fusion with the Zero-P Implant System. <i>Dysphagia</i> , 2021 , 36, 743-753	3.7	1
54	Incidence of dysphagia and dysphonia after Hangman® fractures: Evidence from 93 patients. <i>Medicine (United States)</i> , 2018 , 97, e13552	1.8	1
53	Individual Surgical Strategy Using Posterior Lag Screw-Rod Technique for Unstable Atypical Hangman® Fracture Based on Different Fracture Patterns. <i>World Neurosurgery</i> , 2018 , 119, e848-e854	2.1	1
52	Risk Factors for High-Grade Heterotopic Ossification After Total Disc Replacement: A Single-Center Experience of 394 Cases. <i>Neurosurgery</i> , 2021 , 89, 852-861	3.2	1
51	Biomechanical Evaluation of Intervertebral Fusion Process After Anterior Cervical Discectomy and Fusion: A Finite Element Study.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 842382	5.8	1

50	Bibliometric and visualized analysis of the top 100 most-cited articles on anterior cervical surgery. <i>EFORT Open Reviews</i> , 2021 , 6, 1203-1213	5.5	1
49	Comparison of long-term clinical and radiographic outcomes between alternative-level and all-level fixation unilateral open-door laminoplasty. <i>Spine Journal</i> , 2020 , 20, 1761-1769	4	0
48	Comparison of outcomes between Zero-p implant and anterior cervical plate interbody fusion systems for anterior cervical decompression and fusion: a systematic review and meta-analysis of randomized controlled trials.. <i>Journal of Orthopaedic Surgery and Research</i> , 2022 , 17, 47	2.8	0
47	The predictive ability of occipital to C3 angle for dysphagia after occipitocervical fusion in patients with combined C2-3 Klippel-Feil syndrome.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 123	2.8	0
46	Effects of endplate coverage and intervertebral height change on heterotopic ossification following cervical disc replacement. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 693	2.8	0
45	Association study between genetic variants and the risk of schizophrenia in the Chinese population based on GWAS-implicated 6p21.3-23.1 human genome region: a case-control study. <i>BMC Psychiatry</i> , 2021 , 21, 483	4.2	0
44	Is the bone fusion affected by Modic-2 changes in single-level anterior cervical discectomy and fusion?. <i>Medicine (United States)</i> , 2020 , 99, e18597	1.8	0
43	Effect of preoperative segmental range of motion on patient outcomes in cervical disc arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 457	2.8	0
42	Space between the titanium plate of zero-profile cage and endplate of the vertebral body might affect the fusion process in anterior cervical discectomy and fusion. <i>Chinese Medical Journal</i> , 2020 , 133, 2641-2643	2.9	0
41	Does Fusion Affect Anterior Bone Loss in Adjacent Cervical Disc Arthroplasty in Contiguous Two-Level Hybrid Surgery?. <i>World Neurosurgery</i> , 2020 , 143, e127-e135	2.1	0
40	Comparison of the Safety of Outpatient Cervical Disc Replacement With Inpatient Cervical Disc Replacement: A Systematic Review and Meta-Analysis. <i>Global Spine Journal</i> , 2021 , 11, 1121-1133	2.7	0
39	Comparison of the safety of outpatient cervical disc replacement with inpatient cervical disc replacement: A protocol for a meta-analysis. <i>Medicine (United States)</i> , 2020 , 99, e21609	1.8	0
38	The impact of smoking on outcomes following anterior cervical fusion-nonfusion hybrid surgery: a retrospective single-center cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 612	2.8	0
37	Fracture-free probability and predictors of new symptomatic fractures in sandwich, ordinary-adjacent, and non-adjacent vertebrae: a vertebra-specific survival analysis. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1058-1062	7.8	0
36	Preliminary results in anterior cervical discectomy and fusion with the uncovertebral joint fusion cage in a goat model. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 628	2.8	0
35	Is there a difference in the outcomes of anterior cervical discectomy and fusion among female patients with different menopausal statuses?. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 518	2.8	0
34	Assessment of the self-reported dysphagia in patients undergoing one-level versus two-level cervical disc replacement with the Prestige-LP prosthesis. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 207, 106759	2	0
33	Is the fusion order of the cranial and caudal levels different in two-level anterior cervical discectomy and fusion for cervical spondylopathy? A retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 500	2.8	0

32	Comparison of Interventions for Cervical Ossification of Posterior Longitudinal Ligament: A Systematic Review and Network Meta-Analysis. <i>World Neurosurgery</i> , 2021 , 155, 1-12	2.1	0
31	Investigation on the biomechanical behaviour of the lower cervical spine induced by facet tropism with respect to the sagittal plane.. <i>Medical Engineering and Physics</i> , 2022 , 102, 103779	2.4	0
30	Classification of three-level hybrid surgery for the treatment of cervical degenerative disc disease: a retrospective study of 108 patients.. <i>BMC Surgery</i> , 2022 , 22, 179	2.3	0
29	Letter to the Editor concerning "The application of zero-profile anchored spacer in anterior cervical discectomy and Fusion" by Wang et al. <i>Eur Spine J.</i> 2015 Jan; 24(1):148-54. doi:10.1007/s00586-014-3628-9. <i>European Spine Journal</i> , 2016 , 25, 1964-5	2.7	
28	Parathyroid hormone enhances gap healing and osseointegration in orthopedic porous coated titanium implants: a correlative micro-computed tomographic, histomorphometric and biomechanical analysis.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 17	2.8	
27	Effects of shell angle on clinical and radiological outcomes after single-level cervical disc arthroplasty with Prestige LP prosthesis.. <i>Clinical Neurology and Neurosurgery</i> , 2022 , 214, 107164	2	
26	Reply to the letter to the editor regarding "Is the behavior of disc replacement adjacent to fusion affected by the location of the fused level in hybrid surgery?". <i>Spine Journal</i> , 2021 , 21, 1957-1958	4	
25	Letter to the Editor: Cervical Spine Balance of Multilevel Total Disc Replacement, Hybrid Surgery, and Anterior Cervical Discectomy and Fusion With a Long-term Follow-up. <i>Spine</i> , 2020 , 45, E1634-E1635	3.3	
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23	Preliminary construction of a regulatory network of miRNAs in the pathogenesis of nucleus pulposus degeneration - a review based on data mining. <i>American Journal of Translational Research (discontinued)</i> , 2021 , 13, 9919-9931	3	
22	The effect of Iridoids effective fraction of Valeriana jatamansi Jones on movement function in rats after acute cord injury and the related mechanism. <i>NeuroReport</i> , 2022 , 33, 33-42	1.7	
21	Pretic-I was a safe and effective artificial cervical disc prosthesis--a retrospective and comparative study with 5-year follow-up. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 981	2.8	
20	Multivariate analysis of factors associated with spinal cord area in single-door cervical laminoplasty with miniplate fixation. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 881	2.8	
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18	Comparison of Effect of Navigation Versus No Navigation on Vertebral Body Screw Placement in Anterior Approach Surgery for Thoracolumbar Burst Fractures: A Randomized Controlled Trial. <i>World Neurosurgery</i> , 2021 , 158, e154-e154	2.1	
17	Incidence and outcomes of anterior bone loss in single-level Prestige LP cervical disc replacement. <i>Chinese Medical Journal</i> , 2020 , 134, 109-111	2.9	
16	Letter to the Editor. Segmental mobility and heterotopic ossification after cervical arthroplasty. <i>Neurosurgical Focus</i> , 2017 , 43, E15	4.2	
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11	Commentary on "Impact of Nonlordotic Sagittal Alignment on Short-term Outcomes of Cervical Disc Replacement". <i>Neurospine</i> , 2021 , 18, 413-414	3.1
10	Decreased serum uric acid in patients with traumatic brain injury or after cerebral tumor surgery. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2021 , 26, 36-44	1.1
9	Routinely placing drainage tube in patients with anterior cervical surgery: is it really necessary?. <i>Chinese Medical Journal</i> , 2021 , 134, 521-523	2.9
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