

Hao Liu

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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	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	
192	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
191	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
190	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
189	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	
188	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	
187	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
186	A commentary on "Comparative analysis of the efficacy of early and late surgical intervention for acute spinal cord injury: A systematic review and meta-analysis based on 16 studies" (Int. J. Surg. (2021) 94 106098).. <i>International Journal of Surgery</i> , 2022 , 101, 106606	7.5	
185	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
184	The Effect of Preoperative Cervical Spondylosis on Heterotopic Ossification After Cervical Disc Replacement.. <i>Global Spine Journal</i> , 2022 , 21925682221094265	2.7	
183	Letter to the Editor concerning "The effectiveness of manual therapy on pain, physical function, and nerve conduction studies in carpal tunnel syndrome patients: a systematic review and meta-analysis".. <i>International Orthopaedics</i> , 2022 , 1	3.8	
182	A commentary on "Effects of virtual reality on relieving postoperative pain in surgical patients: A systematic review and meta-analysis" (Int J Surg 2020;82:87-94).. <i>International Journal of Surgery</i> , 2022 , 101, 106618	7.5	
181	Letter to the Editor concerning "Tenodesis yields better functional results than tenotomy in long head of the biceps tendon operations-a systematic review and meta-analysis".. <i>International Orthopaedics</i> , 2022 , 1	3.8	
180	Anti-tumor Activity of a Mitochondrial Targeted HSP90 Inhibitor in Gliomas.. <i>Clinical Cancer Research</i> , 2022 ,	12.9	2
179	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
178	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	
177	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

176	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	
175	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
174	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	
173	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
172	High-fidelity biosensing of dNTPs and nucleic acids by controllable subnanometer channel PaMscS.. <i>Biosensors and Bioelectronics</i> , 2021 , 200, 113894	11.8	1
171	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
170	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	
169	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	
168	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
167	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
166	Response to a letter to editor regarding "incidence of bone loss after prestige-LP cervical disc arthroplasty: a single-center retrospective study of 396 cases". <i>Spine Journal</i> , 2021 , 21, 722-723	4	
165	A Novel Anterior Cervical X-Shape-Corpectomy and Fusion for Cervical Spinal Stenosis at C4-C6 Level: A Technical Note. <i>World Neurosurgery</i> , 2021 , 149, 181-189	2.1	
164	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
163	Commentary on "Impact of Nonlordotic Sagittal Alignment on Short-term Outcomes of Cervical Disc Replacement". <i>Neurospine</i> , 2021 , 18, 413-414	3.1	
162	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
161	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
160	The Application of Virtual Reality in Cervical Spinal Surgery: A Review. <i>World Neurosurgery</i> , 2021 , 145, 108-113	2.1	4
159	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

158	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
157	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
156	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
155	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
154	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	
153	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
152	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
151	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
150	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	
149	Letter to the Editor concerning "Complications of cervical total disc replacement and their associations with heterotopic ossification: a systematic review and meta-analysis" by N. Hui, et al. [Eur Spine J; 2020; 29(11):2688-2700]. <i>European Spine Journal</i> , 2021 , 30, 1786-1787	2.7	
148	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
147	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
146	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
145	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
144	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
143	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
142	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
141	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

140	Comparison of Clinical and Imaging Outcomes of Cervical Disc Replacement in Patients with Different Hounsfield Units. <i>World Neurosurgery</i> , 2021 , 154, e822-e829	2.1	
139	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
138	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
137	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 ^{3,3}	3.3	6
136	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
135	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
134	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
133	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
132	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
131	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
130	Anterior bone loss after cervical disc replacement: A systematic review. <i>World Journal of Clinical Cases</i> , 2020 , 8, 5284-5295	1.6	1
129	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}	3.3	
128	Surgical Treatment of Scoliosis-Associated with Syringomyelia: The Role of Syrinx Size. <i>Neurology India</i> , 2020 , 68, 299-304	0.7	1
127	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
126	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
125	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	
124	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
123	A novel and convenient method to evaluate bone cement distribution following percutaneous vertebral augmentation. <i>Scientific Reports</i> , 2020 , 10, 16320	4.9	4

122	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
121	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
120	An Absorbable Collagen Biomembrane Help Improve Swallowing Function After Anterior Cervical Spine Surgery. <i>Dysphagia</i> , 2020 , 35, 780-786	3.7	1
119	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
118	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
117	Letter to the Editor concerning "Osteolysis after cervical disc arthroplasty" by Joaquim AF, et al. (<i>Eur Spine J</i> ; [2020]: doi: 10.1007/s00586-020-06,578-2). <i>European Spine Journal</i> , 2020 , 29, 3248	2.7	1
116	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
115	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
114	Association between anterior bone loss and anterior heterotopic ossification in hybrid surgery. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 664	2.8	2
113	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
112	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
111	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
110	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
109	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
108	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
107	Atlantoaxial Dislocation Associated with Type 1 Neurofibromatosis: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2020 , 143, 261-267	2.1	
106	Intramedullary hemorrhage from a thoracic dural arteriovenous fistula. <i>Neurology</i> , 2020 , 95, 881-882	6.5	2
105	Letter to the Editor Regarding "Comparison of Different Hybrid Techniques for the Treatment of Multi-level Cervical Degenerative Disc Disease-Analysis of Prospectively Collected Clinical, Radiological, and Psychological Parameters". <i>World Neurosurgery</i> , 2020 , 141, 535	2.1	

104	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
103	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
102	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
101	Cervical Alignment After Cervical Arthroplasty with Prestige-LP Disc at C5-C6 Level. <i>World Neurosurgery</i> , 2020 , 140, e33-e40	2.1	4
100	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
99	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
98	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
97	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
96	Effect of Prosthesis Width and Depth on Heterotopic Ossification After Cervical Disc Arthroplasty. <i>Spine</i> , 2019 , 44, 624-628	3.3	14
95	Successful Management of Sacral Dural Arteriovenous Fistulas: A Case Series and Literature Review. <i>World Neurosurgery</i> , 2019 , 126, 164-170	2.1	7
94	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
93	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
92	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
91	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
90	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
89	Rapid Nanopore Assay for Carbapenem-Resistant. <i>Frontiers in Microbiology</i> , 2019 , 10, 1672	5.7	8
88	Influence of Fusion on the Behavior of Adjacent Disc Arthroplasty in Contiguous 2-Level Hybrid Surgery InVivo. <i>World Neurosurgery</i> , 2019 , 132, e929-e940	2.1	6
87	Biomechanical analysis of cervical range of motion and facet contact force after a novel artificial cervical disc replacement. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 6699-6700 ³		

86	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
85	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
84	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
83	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}	2.1	6
82	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
81	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
80	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
79	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
78	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
77	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
76	Successful Management of Angiographically Occult Spinal Dural Arteriovenous Fistula with Multiple Draining Veins. <i>World Neurosurgery</i> , 2018 , 118, 53-54	2.1	2
75	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
74	In-vivo study of osseointegration in Prestige LP cervical disc prosthesis. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 42	2.8	1
73	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
72	Elevated level of D-dimer increases the risk of stroke. <i>Oncotarget</i> , 2018 , 9, 2208-2219	3.3	14
71	Polymorphisms in four microRNAs and risk of oral squamous cell cancer: a meta-analysis. <i>Oncotarget</i> , 2018 , 9, 8695-8705	3.3	5
70	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
69	A rare, acute neurologic deterioration associated with the overactive autoimmune response of ankylosing spondylitis after cervical laminoplasty: A case report. <i>Medicine (United States)</i> , 2018 , 97, e11605 ^{1,8}	1.8	5

68	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
67	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
66	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
65	Incidence of dysphagia and dysphonia after Hangman® fractures: Evidence from 93 patients. <i>Medicine (United States)</i> , 2018 , 97, e13552	1.8	1
64	Comparison of Heterotopic Ossification After Fixed- and Mobile-Core Cervical Disc Arthroplasty. <i>World Neurosurgery</i> , 2018 , 120, e1319-e1324	2.1	8
63	Reply to the letter to the Editor: 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, 2166	4	
62	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
61	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
60	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
59	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
58	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
57	Multiple repair pathways mediate cellular tolerance to resveratrol-induced DNA damage. <i>Toxicology in Vitro</i> , 2017 , 42, 130-138	3.6	10
56	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
55	Residual Deformity After Anterior Cervical Discectomy and Fusion for Unstable Hangman® Fractures. <i>World Neurosurgery</i> , 2017 , 108, 216-224	2.1	3
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