

Ralph Mobbs

List of Publications by Year in Descending Order

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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.

199
papers

4,894
citations

38
h-index

63
g-index

217
ext. papers

6,086
ext. citations

2.5
avg, IF

6.32
L-index

#	Paper	IF	Citations
199	The use of radiolucent pedicle fixation in degenerative lumbar spine surgery.. <i>Journal of Surgical Case Reports</i> , 2022 , 2022, rjab595	0.6	
198	Two-year continuous data capture using a wearable sensor to remotely monitor the surgical spine patient: a case report.. <i>Journal of Spine Surgery</i> , 2022 , 8, 170-179	2.5	0
197	Validation of a novel range of motion assessment tool for the cervical spine: the HALO digital goniometer.. <i>Journal of Spine Surgery</i> , 2022 , 8, 93-102	2.5	0
196	Gait metrics analysis utilizing single-point inertial measurement units: a systematic review.. <i>MHealth</i> , 2022 , 8, 9	2.2	2
195	Historical Note: The Evolution of Cortical Bone Trajectory and Associated Techniques.. <i>Spine Surgery and Related Research</i> , 2022 , 6, 1-9	1.7	1
194	Standalone titanium/polyetheretherketone interbody cage for anterior lumbar interbody fusion: Clinical and radiological results at 24 months.. <i>Journal of Craniovertebral Junction and Spine</i> , 2022 , 13, 42-47	1	
193	Tracking the disease progression of lumbar spinal stenosis using objective gait metrics: a case report.. <i>Journal of Spine Surgery</i> , 2022 , 8, 163-169	2.5	0
192	Walking orientation randomness metric (WORM) score: pilot study of a novel gait parameter to assess walking stability and discriminate fallers from non-fallers using wearable sensors.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 304	2.8	0
191	Spinal Subdural Hematoma: Rare Complication of Spinal Decompression Surgery. <i>World Neurosurgery</i> , 2021 , 158, 114-117	2.1	
190	Answer to the Letter to the Editor of Shen YW, et al. 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, 1788	2.7	
189	Opinion Piece: Patient-Specific Implants May Be the Next Big Thing in Spinal Surgery. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
188	Response to letter by Kersten regarding publication by McEntire. <i>Journal of Spine Surgery</i> , 2021 , 7, 252-253		
187	Systematic review of the top 10 ranked spine articles in the last 10 years [2011-2021]. <i>Annals of Translational Medicine</i> , 2021 , 9, 1090	3.2	
186	Proposed objective scoring algorithm for walking performance, based on relevant gait metrics: the Simplified Mobility Score (SMoS)-observational study. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 419	2.8	1
185	Adjacent-Level Ossification Development in Single-Level Standalone Anterior Cervical Discectomy and Fusion Versus Anterior Cervical Discectomy and Fusion With Plate. <i>Global Spine Journal</i> , 2021 , 11, 292-298	2.7	2
184	The Changes in Cervical Biomechanics After CTDR and Its Association With Heterotopic Ossification: A Systematic Review and Meta-analysis. <i>Global Spine Journal</i> , 2021 , 11, 565-574	2.7	3
183	Load Sharing and Endplate Pressure Distribution in Anterior Interbody Fusion Influenced by Graft Choice. <i>World Neurosurgery</i> , 2021 , 146, e336-e340	2.1	0

182	Development of a Multivariate Prediction Model for Successful Oswestry Disability Index Changes in L5/S1 Anterior Lumbar Interbody Fusion for Degenerative Disc Disease. <i>World Neurosurgery</i> , 2021 , 148, e1-e9	2.1	1
181	Induction of muscle-regenerative multipotent stem cells from human adipocytes by PDGF-AB and 5-azacytidine. <i>Science Advances</i> , 2021 , 7,	14.3	1
180	Objective falls-risk prediction using wearable technologies amongst patients with and without neurogenic gait alterations: a narrative review of clinical feasibility. <i>MHealth</i> , 2021 , 7, 61	2.2	
179	Novel Technique for Sacral-Alar-Iliac Screw Placement Using Three-Dimensional Patient-Specific Template Guide.. <i>Spine Surgery and Related Research</i> , 2021 , 5, 418-424	1.7	0
178	Cervical Total Disc Replacement and Heterotopic Ossification: A Review of Literature Outcomes and Biomechanics. <i>Asian Spine Journal</i> , 2021 , 15, 127-137	2.8	4
177	Revision of a Failed C5-7 Corpectomy Complicated by Esophageal Fistula Using a 3-Dimensional-Printed Zero-Profile Patient-Specific Implant: A Technical Case Report. <i>World Neurosurgery</i> , 2021 , 151, 29-38	2.1	1
176	Quiescent Mineralisation for Free-standing Mineral Microfilms with a Hybrid Structure. <i>Journal of Colloid and Interface Science</i> , 2021 , 604, 327-339	9.3	1
175	Wearable devices for patient monitoring in the early postoperative period: a literature review. <i>MHealth</i> , 2021 , 7, 50	2.2	1
174	Dynamic Mineralization: Low-Temperature, Rapid, and Multidirectional Process to Encapsulate Polyether-Ether-Ketone with Carbonate-Rich Hydroxyapatite for Osseointegration. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100333	4.6	0
173	Dynamic Mineralization: Low-Temperature, Rapid, and Multidirectional Process to Encapsulate Polyether-Ether-Ketone with Carbonate-Rich Hydroxyapatite for Osseointegration (Adv. Mater. Interfaces 15/2021). <i>Advanced Materials Interfaces</i> , 2021 , 8, 2170083	4.6	
172	Objectifying clinical gait assessment: using a single-point wearable sensor to quantify the spatiotemporal gait metrics of people with lumbar spinal stenosis. <i>Journal of Spine Surgery</i> , 2021 , 7, 254-258	2.5	0
171	Dynamic myelopathy as a result of C1 posterior arch aplasia and os odontoideum. A case report. <i>Journal of Surgical Case Reports</i> , 2020 , 2020, rjaa019	0.6	0
170	Endovascular thrombectomy for tandem acute ischemic stroke associated with cervical artery dissection: a systematic review and meta-analysis. <i>Neuroradiology</i> , 2020 , 62, 861-866	3.2	4
169	Complications of cervical total disc replacement and their associations with heterotopic ossification: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2020 , 29, 2688-2700	2.7	6
168	Degenerate-disc infection study with contaminant control (DISC): a multicenter prospective case-control trial. <i>Spine Journal</i> , 2020 , 20, 1544-1553	4	5
167	Daily step count and walking speed as general measures of patient wellbeing. <i>Journal of Spine Surgery</i> , 2020 , 6, 635-636	2.5	1
166	Combination of sacral-alar-iliac screw and cortical bone trajectory screw techniques for lumbosacral fixation: technical note. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-6	2.8	2
165	The use of radiolucent (carbon fibre-reinforced polymer) pedicle screw fixation for serial monitoring of clear cell meningioma: a case report. <i>Journal of Surgical Case Reports</i> , 2020 , 2020, rjaa510	0.6	2

164	C3-C5 Chordoma Resection and Reconstruction with a Three-Dimensional Printed Titanium Patient-Specific Implant. <i>World Neurosurgery</i> , 2020 , 136, 226-233	2.1	7
163	Three-Dimensional Morphometric Analysis of Lumbar Vertebral End Plate Anatomy. <i>World Neurosurgery</i> , 2020 , 135, e321-e332	2.1	3
162	3D-printed spine surgery implants: a systematic review of the efficacy and clinical safety profile of patient-specific and off-the-shelf devices. <i>European Spine Journal</i> , 2020 , 29, 1248-1260	2.7	29
161	Analysis of Patterns of Gait Deterioration in Patients with Lumbar Spinal Stenosis. <i>World Neurosurgery</i> , 2020 , 141, e55-e59	2.1	9
160	Innovation and New Technologies in Spine Surgery, Circa 2020: A Fifty-Year Review. <i>Frontiers in Surgery</i> , 2020 , 7, 575318	2.3	1
159	Response to a Letter to the Editor regarding "Degenerate-disc infection study with contaminant control: a multicenter prospective case control trial.". <i>Spine Journal</i> , 2020 , 20, 2046-2047	4	
158	mHealth Apps for Enhanced Management of Spinal Surgery Patients: A Review. <i>Frontiers in Surgery</i> , 2020 , 7, 573398	2.3	3
157	Assessment and Post-Intervention Recovery After Surgery for Lumbar Disk Herniation Based on Objective Gait Metrics from Wearable Devices Using the Gait Posture Index. <i>World Neurosurgery</i> , 2020 , 142, e111-e116	2.1	12
156	Dysphagia rates in single- and multiple-level anterior cervical discectomy and fusion surgery: a meta-analysis. <i>Journal of Spine Surgery</i> , 2020 , 6, 581-590	2.5	1
155	Recurrent laryngeal nerve injury following single- and multiple-level anterior cervical discectomy and fusion: a meta-analysis. <i>Journal of Spine Surgery</i> , 2020 , 6, 541-548	2.5	0
154	The Incidence of Pars Interarticularis Defects in Athletes. <i>Global Spine Journal</i> , 2020 , 10, 89-101	2.7	20
153	Prevalence of and Risk Factors for Heterotopic Ossification After Cervical Total Disc Replacement: A Systematic Review and Meta-Analysis. <i>Global Spine Journal</i> , 2020 , 10, 790-804	2.7	12
152	Proposed objective scoring algorithm for assessment and intervention recovery following surgery for lumbar spinal stenosis based on relevant gait metrics from wearable devices: the Gait Posture index (GPI). <i>Journal of Spine Surgery</i> , 2019 , 5, 300-309	2.5	9
151	Current state of 3D-printed custom-made spinal implants. <i>The Lancet Digital Health</i> , 2019 , 1, e149-e150	14.4	9
150	Technical Note: Pedicle Cement Augmentation with Proximal Screw Toggle and Loosening. <i>Orthopaedic Surgery</i> , 2019 , 11, 510-515	2.5	4
149	Degenerate-disc infection study with contaminant control (DISC): Application of a proposed histological scoring system. <i>Journal of Clinical Neuroscience</i> , 2019 , 66, 87-91	2.2	2
148	Barriers to participation in a placebo-surgical trial for lumbar spinal stenosis. <i>Heliyon</i> , 2019 , 5, e01683	3.6	3
147	SUccess, SURgery for Spinal Stenosis: protocol of a randomised, placebo-controlled trial. <i>BMJ Open</i> , 2019 , 9, e024944	3	7

146	Antifibrinolytic agents for paediatric scoliosis surgery: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2019 , 28, 1023-1034	2.7	8
145	The role of wearables in spinal posture analysis: a systematic review. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 55	2.8	26
144	History of Integral Fixation for Anterior Lumbar Interbody Fusion (ALIF): The Hartshill Horseshoe. <i>World Neurosurgery</i> , 2019 , 129, 394-400	2.1	11
143	Does implantation site influence bone ingrowth into 3D-printed porous implants?. <i>Spine Journal</i> , 2019 , 19, 1885-1898	4	21
142	The role of wearable devices and objective gait analysis for the assessment and monitoring of patients with lumbar spinal stenosis: systematic review. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 288	2.8	21
141	Three-Dimensional Planning and Patient-Specific Drill Guides for Repair of Spondylolysis/L5 Pars Defect. <i>World Neurosurgery</i> , 2019 , 132, 75-80	2.1	6
140	Comparison of M6-C and Mobi-C cervical total disc replacement for cervical degenerative disc disease in adults. <i>Journal of Spine Surgery</i> , 2019 , 5, 393-403	2.5	4
139	The use of demineralised bone fibres (DBF) in conjunction with supercritical carbon dioxide (SCCO) treated allograft in anterior lumbar interbody fusion (ALIF). <i>Journal of Spine Surgery</i> , 2019 , 5, 589-595	2.5	2
138	3D printed anatomical (bio)models in spine surgery: clinical benefits and value to health care providers. <i>Journal of Spine Surgery</i> , 2019 , 5, 549-560	2.5	16
137	Commercial Postural Devices: A Review. <i>Sensors</i> , 2019 , 19,	3.8	13
136	Clinical Outcomes of Treating Cervical Adjacent Segment Disease by Anterior Cervical Discectomy and Fusion Versus Total Disc Replacement: A Systematic Review and Meta-Analysis. <i>Global Spine Journal</i> , 2019 , 9, 559-567	2.7	5
135	Integral Fixation Titanium/Polyetheretherketone Cages for Cervical Arthrodesis: Evolution of Cage Design and Early Radiological Outcomes and Fusion Rates. <i>Orthopaedic Surgery</i> , 2019 , 11, 52-59	2.5	13
134	Three-Dimensional Patient-Specific Guides for Intraoperative Navigation for Cortical Screw Trajectory Pedicle Fixation. <i>World Neurosurgery</i> , 2019 , 122, 674-679	2.1	14
133	Anterior Lumbar Interbody Fusion Using a Personalized Approach: Is Custom the Future of Implants for Anterior Lumbar Interbody Fusion Surgery?. <i>World Neurosurgery</i> , 2019 , 124, 452-452	2.1	29
132	Clinical outcomes of locking stand-alone cage versus anterior plate construct in two-level anterior cervical discectomy and fusion: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2019 , 28, 199-208	2.7	9
131	L5 En-Bloc Vertebrectomy with Customized Reconstructive Implant: Comparison of Patient-Specific Versus Off-the-Shelf Implant. <i>World Neurosurgery</i> , 2018 , 112, 94-100	2.1	19
130	Considerations in Meta-Analysis Regarding Complications of Cortical Bone Trajectory versus Traditional Pedicle Screw Fixation. <i>World Neurosurgery</i> , 2018 , 110, 502-503	2.1	2
129	NeuroSpine Surgery Research Group (NSURG) Classification System for Grading Lumbar Synovial Cysts. <i>Orthopaedic Surgery</i> , 2018 , 10, 3-7	2.5	3

128	Effect of Smoking Status on Successful Arthrodesis, Clinical Outcome, and Complications After Anterior Lumbar Interbody Fusion (ALIF). <i>World Neurosurgery</i> , 2018 , 110, e998-e1003	2.1	27
127	Morphometric MRI Imaging Study of the Corridor for the Oblique Lumbar Interbody Fusion Technique at L1-L5. <i>World Neurosurgery</i> , 2018 , 111, e678-e685	2.1	14
126	Degenerate-disc Infection Study with Contaminant Control: Discussion on the Research Methods. <i>Orthopaedic Surgery</i> , 2018 , 10, 64-68	2.5	2
125	Prior Lumbar Spinal Fusion is Associated With an Increased Risk of Dislocation and Revision in Total Hip Arthroplasty: A Meta-Analysis. <i>Journal of Arthroplasty</i> , 2018 , 33, 297-300	4.4	75
124	Annular closure device for disc herniation: meta-analysis of clinical outcome and complications. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 290	2.8	23
123	Classification of Lumbar Facet Joint Cysts Using the NeuroSpine Surgery Research Group (NSURG) Grading Score and Correlation with Recurrence and Clinical Outcomes. <i>World Neurosurgery</i> , 2018 , 119, e502-e512	2.1	11
122	Chondrosarcoma of the Osseous Spine Treated by Surgery With or Without Radiotherapy: A Propensity Score Matched and Grade/Stage-stratified Study. <i>Clinical Spine Surgery</i> , 2018 , 31, E310-E316	1.8	9
121	Comparative Study Between M6-C and Mobi-C Cervical Artificial Disc Replacement: Biomechanical Outcomes and Comparison with Normative Data. <i>Orthopaedic Surgery</i> , 2018 , 10, 84-88	2.5	7
120	Lumbar Disk Arthroplasty for Degenerative Disk Disease: Literature Review. <i>World Neurosurgery</i> , 2018 , 109, 188-196	2.1	19
119	Epidural Steroids at Closure After Microdiscectomy/Laminectomy for Reduction of Postoperative Analgesia: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018 , 110, e212-e221	2.1	6
118	3-dimensional printing for anterior cervical surgery: a review. <i>Journal of Spine Surgery</i> , 2018 , 4, 757-769	2.5	18
117	Objective monitoring of activity and Gait Velocity using wearable accelerometer following lumbar microdiscectomy to detect recurrent disc herniation. <i>Journal of Spine Surgery</i> , 2018 , 4, 792-797	2.5	12
116	Anterior Lumbar Interbody Fusion Using Reaction Bonded Silicon Nitride Implants: Long-Term Case Series of the First Synthetic Anterior Lumbar Interbody Fusion Spacer Implanted in Humans. <i>World Neurosurgery</i> , 2018 , 120, 256-264	2.1	13
115	The Perioperative Efficacy and Safety of Antifibrinolytics in Adult Spinal Fusion Surgery: A Systematic Review and Meta-analysis. <i>Spine</i> , 2018 , 43, E949-E958	3.3	15
114	A novel in vivo large animal model of lumbar spinal joint degeneration. <i>Spine Journal</i> , 2018 , 18, 1896-1909		6
113	Relationship between sagittal balance and adjacent segment disease in surgical treatment of degenerative lumbar spine disease: meta-analysis and implications for choice of fusion technique. <i>European Spine Journal</i> , 2018 , 27, 1981-1991	2.7	38
112	Radiological and clinical outcomes of novel Ti/PEEK combined spinal fusion cages: a systematic review and preclinical evaluation. <i>European Spine Journal</i> , 2017 , 26, 593-605	2.7	30
111	Full-endoscopic versus micro-endoscopic and open discectomy: A systematic review and meta-analysis of outcomes and complications. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 154, 1-12	2	38

110	The utility of 3D printing for surgical planning and patient-specific implant design for complex spinal pathologies: case report. <i>Journal of Neurosurgery: Spine</i> , 2017 , 26, 513-518	2.8	128
109	Worker@ Compensation Status and Outcomes Following Anterior Lumbar Interbody Fusion: Prospective Observational Study. <i>World Neurosurgery</i> , 2017 , 103, 680-685	2.1	8
108	Evaluating Outcomes of Stand-Alone Anterior Lumbar Interbody Fusion: A Systematic Review. <i>World Neurosurgery</i> , 2017 , 104, 259-271	2.1	28
107	Impact of Elderly Age on Complications and Clinical Outcomes Following Anterior Lumbar Interbody Fusion Surgery. <i>World Neurosurgery</i> , 2017 , 105, 503-509	2.1	10
106	Treatment of Lumbar Spinal Stenosis by Microscopic Unilateral Laminectomy for Bilateral Decompression: A Technical Note. <i>Orthopaedic Surgery</i> , 2017 , 9, 241-246	2.5	12
105	Minimally Invasive Unilateral Laminectomy for Bilateral Decompression. <i>JBJS Essential Surgical Techniques</i> , 2017 , 7, e9	2.3	14
104	Interventions for Lumbar Synovial Facet Joint Cysts: A Comparison of Percutaneous, Surgical Decompression and Fusion Approaches. <i>World Neurosurgery</i> , 2017 , 98, 492-502	2.1	19
103	Focal hypermobility observed in cervical arthroplasty with Mobi-C. <i>Journal of Spine Surgery</i> , 2017 , 3, 693-696	2.1	2
102	Systematic review of cortical bone trajectory versus pedicle screw techniques for lumbosacral spine fusion. <i>Journal of Spine Surgery</i> , 2017 , 3, 679-688	2.5	17
101	Technical note: unilateral hemilaminotomy for intradural lesions (UHIL). <i>Journal of Spine Surgery</i> , 2017 , 3, 71-72	2.5	1
100	Influence of Obesity on Complications, Clinical Outcome, and Subsidence After Anterior Lumbar Interbody Fusion (ALIF): Prospective Observational Study. <i>World Neurosurgery</i> , 2017 , 107, 334-341	2.1	22
99	A novel technique for placement of sacro-alar-iliac (S2AI) screws by K-wire insertion using intraoperative navigation. <i>Journal of Clinical Neuroscience</i> , 2017 , 45, 324-327	2.2	6
98	Spontaneous regression of post-traumatic syringomyelia: A case report and literature review. <i>Journal of Clinical Neuroscience</i> , 2017 , 44, 249-253	2.2	2
97	In Reply to "Oblique Lumbar Interbody Fusion: Utility and Perioperative Complications". <i>World Neurosurgery</i> , 2017 , 102, 692	2.1	
96	Image-Guided Lateral Mass Osteotomy for En Bloc Resection of Cervical Ewing Sarcoma: A Technical Note. <i>World Neurosurgery</i> , 2017 , 104, 628-633	2.1	2
95	Outcomes of Short Fusion versus Long Fusion for Adult Degenerative Scoliosis: A Systematic Review and Meta-analysis. <i>Orthopaedic Surgery</i> , 2017 , 9, 342-349	2.5	25
94	A meta-analysis comparing ALIF, PLIF, TLIF and LLIF. <i>Journal of Clinical Neuroscience</i> , 2017 , 44, 11-17	2.2	80
93	Oblique Lumbar Interbody Fusion: Technical Aspects, Operative Outcomes, and Complications. <i>World Neurosurgery</i> , 2017 , 98, 113-123	2.1	83

92	Anterior Longitudinal Ligament Reconstruction to Reduce Hypermobility of Cervical and Lumbar Disc Arthroplasty. <i>Asian Spine Journal</i> , 2017 , 11, 943-950	2.8	8
91	Systematic review of 3D printing in spinal surgery: the current state of play. <i>Journal of Spine Surgery</i> , 2017 , 3, 433-443	2.5	88
90	Reconstruction of Thoracic Spine Using a Personalized 3D-Printed Vertebral Body in Adolescent with T9 Primary Bone Tumor. <i>World Neurosurgery</i> , 2017 , 105, 1032.e13-1032.e17	2.1	81
89	Intraneural Ganglion Cyst of the Ulnar Nerve at the Elbow Masquerading as a Malignant Peripheral Nerve Sheath Tumor. <i>World Neurosurgery</i> , 2016 , 96, 613.e5-613.e8	2.1	8
88	PEEK-Halo effect in interbody fusion. <i>Journal of Clinical Neuroscience</i> , 2016 , 24, 138-40	2.2	46
87	Accelerometers for objective evaluation of physical activity following spine surgery. <i>Journal of Clinical Neuroscience</i> , 2016 , 26, 14-8	2.2	18
86	Anterior retroperitoneal approach for removal of L5-S1 foraminal nerve sheath tumor-case report. <i>Spine Journal</i> , 2016 , 16, e283-6	4	5
85	Endovascular therapy including thrombectomy for acute ischemic stroke: A systematic review and meta-analysis with trial sequential analysis. <i>Journal of Clinical Neuroscience</i> , 2016 , 29, 38-45	2.2	17
84	Outcomes of percutaneous pedicle screw fixation for spinal trauma and tumours. <i>Journal of Clinical Neuroscience</i> , 2016 , 23, 88-94	2.2	13
83	Surgery for spinal stenosis: more thought, less metal?. <i>Journal of Spine Surgery</i> , 2016 , 2, 87-8	2.5	2
82	Application of a 3D custom printed patient specific spinal implant for C1/2 arthrodesis. <i>Journal of Spine Surgery</i> , 2016 , 2, 314-318	2.5	70
81	Minimally invasive surgery in adult degenerative scoliosis: a systematic review and meta-analysis of decompression, anterior/lateral and posterior lumbar approaches. <i>Journal of Spine Surgery</i> , 2016 , 2, 89-104	2.5	9
80	Cervical spine immobilization in the elderly population. <i>Journal of Spine Surgery</i> , 2016 , 2, 41-6	2.5	8
79	Anterior cervical discectomy and fusion (ACDF) autograft versus graft substitutes: what do patients prefer?-A clinical study. <i>Journal of Spine Surgery</i> , 2016 , 2, 105-10	2.5	16
78	Spinal cord compression from Wegener's granulomatosis: an unusual presentation. <i>Journal of Spine Surgery</i> , 2016 , 2, 319-323	2.5	3
77	Far lateral microdiscectomy: a minimally-invasive surgical technique for the treatment of far lateral lumbar disc herniation. <i>Journal of Spine Surgery</i> , 2016 , 2, 59-63	2.5	17
76	Adjacent segment degeneration and disease following cervical arthroplasty: a systematic review and meta-analysis. <i>Journal of Spine Surgery</i> , 2016 , 2, 82-4	2.5	1
75	Interspinous process spacers versus traditional decompression for lumbar spinal stenosis: systematic review and meta-analysis. <i>Journal of Spine Surgery</i> , 2016 , 2, 31-40	2.5	21

74	Management of hyper-flexion injury-related teardrop fracture in an adolescent. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9	
73	Minimally Invasive Versus Open Laminectomy for Lumbar Stenosis: A Systematic Review and Meta-Analysis. <i>Spine</i> , 2016 , 41, E91-E100	3.3	112
72	Titanium/Polyetheretherketone Cages for Cervical Arthrodesis with Degenerative and Traumatic Pathologies: Early Clinical Outcomes and Fusion Rates. <i>Orthopaedic Surgery</i> , 2016 , 8, 19-26	2.5	23
71	Meta-analysis of stent-assisted coiling versus coiling-only for the treatment of intracranial aneurysms. <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 15-22	2.2	81
70	Review of early clinical results and complications associated with oblique lumbar interbody fusion (OLIF). <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 23-9	2.2	71
69	PDGF-AB and 5-Azacytidine induce conversion of somatic cells into tissue-regenerative multipotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E2306-15	11.5	26
68	The role of specialist units to provide focused care and complication avoidance following traumatic spinal cord injury: a systematic review. <i>European Spine Journal</i> , 2016 , 25, 1813-20	2.7	16
67	Histological analysis of surgical samples and a proposed scoring system for infections in intervertebral discs. <i>Journal of Clinical Neuroscience</i> , 2016 , 30, 115-119	2.2	6
66	Bilateral versus unilateral instrumentation in spinal surgery: Systematic review and trial sequential analysis of prospective studies. <i>Journal of Clinical Neuroscience</i> , 2016 , 30, 15-23	2.2	13
65	Anterior Lumbar Interbody Fusion as a Salvage Technique for Pseudarthrosis following Posterior Lumbar Fusion Surgery. <i>Global Spine Journal</i> , 2016 , 6, 14-20	2.7	36
64	Approach-Related Complications of Anterior Lumbar Interbody Fusion: Results of a Combined Spine and Vascular Surgical Team. <i>Global Spine Journal</i> , 2016 , 6, 147-54	2.7	95
63	Physical Activity Measured with Accelerometer and Self-Rated Disability in Lumbar Spine Surgery: A Prospective Study. <i>Global Spine Journal</i> , 2016 , 6, 459-64	2.7	56
62	Evolution of Design of Interbody Cages for Anterior Lumbar Interbody Fusion. <i>Orthopaedic Surgery</i> , 2016 , 8, 270-7	2.5	37
61	Differences in bone mineral density between cortical bone trajectory and traditional lumbar pedicle screws: commentary. <i>Spine Journal</i> , 2016 , 16, 842	4	1
60	A systematic review and meta-analysis of outcomes in hybrid constructs for multi-level lumbar degenerative disc disease. <i>Journal of Clinical Neuroscience</i> , 2016 , 34, 23-29	2.2	7
59	Combination Ti/PEEK ALIF cage for anterior lumbar interbody fusion: Early clinical and radiological results. <i>Journal of Clinical Neuroscience</i> , 2016 , 34, 94-99	2.2	27
58	History of Retractor Technologies for Percutaneous Pedicle Screw Fixation Systems. <i>Orthopaedic Surgery</i> , 2016 , 8, 3-10	2.5	4
57	Plasma-sprayed titanium coating to polyetheretherketone improves the bone-implant interface. <i>Spine Journal</i> , 2015 , 15, 1041-9	4	107

56	Stand-alone anterior lumbar interbody fusion for treatment of degenerative spondylolisthesis. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1619-24	2.2	42
55	Percutaneous versus open pedicle screw fixation for treatment of thoracolumbar fractures: Systematic review and meta-analysis of comparative studies. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 135, 85-92	2	87
54	Indirect foraminal decompression after anterior lumbar interbody fusion: a prospective radiographic study using a new pedicle-to-pedicle technique. <i>Spine Journal</i> , 2015 , 15, 817-24	4	65
53	Minimally invasive versus open transforaminal lumbar interbody fusion for treatment of degenerative lumbar disease: systematic review and meta-analysis. <i>European Spine Journal</i> , 2015 , 24, 1017-30	2.7	113
52	Cortical Bone Trajectory for Lumbar Pedicle Screw Placement: A Review of Published Reports. <i>Orthopaedic Surgery</i> , 2015 , 7, 213-21	2.5	47
51	Oblique Lumbar Interbody Fusion for Revision of Non-union Following Prior Posterior Surgery: A Case Report. <i>Orthopaedic Surgery</i> , 2015 , 7, 364-7	2.5	30
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