

# David W Polly

## List of Publications by Year in descending order

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Version: 2024-02-01

271  
papers

14,306  
citations

17405

63  
h-index

23472

111  
g-index

280  
all docs

280  
docs citations

280  
times ranked

9202  
citing authors

#	ARTICLE	IF	CITATIONS
1	AO Spine Adult Spinal Deformity Patient Profile: A Paradigm Shift in Comprehensive Patient Evaluation in Order to Optimize Treatment and Improve Patient Care. <i>Global Spine Journal</i> , 2023, 13, 1490-1501.	1.2	2
2	Bilateral open sacroiliac joint fusion during adult spinal deformity surgery using triangular titanium implants: technique description and presentation of 21 cases. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 86-92.	0.9	10
3	Acute failure of S2-alar-iliac screw pelvic fixation in adult spinal deformity: novel failure mechanism, case series, and review of the literature. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 53-61.	0.9	13
4	Anatomy and Physiology/Biology of Bone. , 2022, , 1-16.		0
5	Best Practice Guidelines for Assessment and Management of Osteoporosis in Adult Patients Undergoing Elective Spinal Reconstruction. <i>Spine</i> , 2022, 47, 128-135.	1.0	22
6	Propensity-Matched Comparison of 90-Day Complications in Robotic-Assisted Versus Non-Robotic Assisted Lumbar Fusion. <i>Spine</i> , 2022, 47, 195-200.	1.0	4
7	Intraoperative stitched fluoroscopic images: effect of parallax on angular measurements of the spine. <i>Spine Journal</i> , 2022, 22, 1012-1015.	0.6	4
8	Establishing consensus: determinants of high-risk and preventative strategies for neurological events in complex spinal deformity surgery. <i>Spine Deformity</i> , 2022, 10, 733-744.	0.7	5
9	Development of consensus-based best practice guidelines for response to intraoperative neuromonitoring events in high-risk spinal deformity surgery. <i>Spine Deformity</i> , 2022, 10, 745-761.	0.7	15
10	Surgical outcomes of severe spinal deformities exceeding 100° or treated by vertebral column resection (VCR). Does implant density matter?: an observational study of deformity groupings. <i>Spine Deformity</i> , 2022, 10, 595-606.	0.7	1
11	Novel 2D long film imaging utility to avoid wrong level spinal surgery. <i>Radiology Case Reports</i> , 2022, 17, 2400-2403.	0.2	1
12	The effect of simulation training on resident proficiency in thoracolumbar pedicle screw placement using computer-assisted navigation. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 127-134.	0.9	3
13	Cost-Utility Analysis of Anterior Vertebral Body Tethering versus Spinal Fusion in Idiopathic Scoliosis from a US Integrated Healthcare Delivery System Perspective. <i>ClinicoEconomics and Outcomes Research</i> , 2021, Volume 13, 175-190.	0.7	6
14	The Scoliosis Research Society adult spinal deformity standard outcome set. <i>Spine Deformity</i> , 2021, 9, 1211-1221.	0.7	8
15	Incidental extraspinal imaging findings on adult EOS full body radiographs: prevalence and clinical importance. <i>BMC Medical Imaging</i> , 2021, 21, 83.	1.4	0
16	Odontoid Fracture as Proximal Junctional Failure in Patients With Multilevel Spine Fusions. <i>Global Spine Journal</i> , 2021, , 219256822110088.	1.2	0
17	Intrawound vancomycin application after spinal surgery: a propensity score-matched cohort analysis. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 788-798.	0.9	7
18	2-Dimensional Long Film O-Arm Imaging, an Alternative When Intraoperative Fluoroscopy Is Inadequate. <i>World Neurosurgery</i> , 2021, 150, 54-55.	0.7	5

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19	Stratifying outcome based on the Oswestry Disability Index for operative treatment of adult spinal deformity on patients 60 years of age or older: a multicenter, multi-continental study on Prospective Evaluation of Elderly Deformity Surgery (PEEDS). Spine Journal, 2021, 21, 1775-1783.	0.6	7
20	Pelvic Fixation Using S2AI and Triangular Titanium Implants (Bedrock Technique). World Neurosurgery, 2021, 154, 2.	0.7	3
21	Change in pelvic incidence between the supine and standing positions in patients with bilateral sacroiliac joint vacuum signs. Journal of Neurosurgery: Spine, 2021, 34, 1-6.	0.9	3
22	Toward the Development of a Comprehensive Clinically Oriented Patient Profile: A Systematic Review of the Purpose, Characteristic, and Methodological Quality of Classification Systems of Adult Spinal Deformity. Neurosurgery, 2021, 88, 1065-1073.	0.6	1
23	Lymphatic Injury After Vertebral Column Resection from a Posterior Approach for Spinal Deformity Correction. JBJS Case Connector, 2021, 11, .	0.1	0
24	Biomechanical Stability of the Sacroiliac Joint with Differing Implant Configurations in a Synthetic Model. International Journal of Spine Surgery, 2021, 15, 853-861.	0.7	3
25	Is the Implant in Bone? The Accuracy of CT and Fluoroscopic Imaging for Detecting Malpositioned Pelvic Screw and SI Fusion Implants. Iowa orthopaedic journal, The, 2021, 41, 89-94.	0.5	1
26	An Adjunctive Use Of Asfotase Alfa and Zoledronic Acid After Spinal Surgery In Neurofibromatosis Type 1 Related Dystrophic Scoliosis. AACE Clinical Case Reports, 2020, 6, e305-e310.	0.4	3
27	Minimally Invasive Sacroiliac Joint Fusion. JBJS Essential Surgical Techniques, 2020, 10, e19.00067-e19.00067.	0.3	9
28	Team Approach: Safety and Value in the Practice of Complex Adult Spinal Surgery. JBJS Reviews, 2020, 8, e0145-e0145.	0.8	6
29	The effectiveness of a free-standing lead-shield in reducing spine surgeon radiation exposure during intraoperative 3-dimensional imaging. Spine Journal, 2020, 20, 1685-1691.	0.6	2
30	Willingness to enroll in a surgical randomized controlled trial: patient and parent preferences regarding implant density for adolescent idiopathic scoliosis fusion. Spine Deformity, 2020, 8, 957-963.	0.7	7
31	Quantifying the effect of posterior spinal instrumentation on the MRI signal of adjacent intervertebral discs. Spine Deformity, 2020, 8, 845-851.	0.7	1
32	Minimally Invasive Sacroiliac Joint Fusion: The Current Evidence. International Journal of Spine Surgery, 2020, 14, S20-S29.	0.7	52
33	Sacral Dymorphism and Lumbosacral Transitional Vertebrae (LSTV) Review. International Journal of Spine Surgery, 2020, 14, S14-S19.	0.7	27
34	Regional improvements in lumbosacropelvic Hounsfield units following teriparatide treatment. Neurosurgical Focus, 2020, 49, E11.	1.0	15
35	Epidural Steroids for Degenerative Spondylolisthesis: Good, Bad, or Indifferent?. Journal of Bone and Joint Surgery - Series A, 2020, 102, e90.	1.4	0
36	Surgeon Preference for Radiologist Interpretation of Deformity Radiographsâ€”A Survey of Lumbar Spine Research Society Membership. International Journal of Spine Surgery, 2020, 14, 527-533.	0.7	0

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37	Editor's Message: Understanding the Sacroiliac Joint. International Journal of Spine Surgery, 2020, 14, 2.	0.7	0
38	Minimally invasive sacroiliac joint fusion vs. conservative management for chronic sacroiliac joint pain. Journal of Spine Surgery, 2019, 5, 381-383.	0.6	2
39	Three approaches to full-spine radiograph measurement reporting. Skeletal Radiology, 2019, 48, 1103-1104.	1.2	0
40	Controlled Pedicle Subtraction Osteotomy Site Closure Using Flexible Hinge-Powered Operating Table. Operative Neurosurgery, 2019, 17, E214-E218.	0.4	6
41	Sacroiliac Joint Fusion: Approaches and Recent Outcomes. PM and R, 2019, 11, S114-S117.	0.9	8
42	Cost-Effectiveness for Surgical Treatment of Degenerative Spondylolisthesis. Neurosurgery Clinics of North America, 2019, 30, 365-372.	0.8	4
43	Responding to Intraoperative Neuromonitoring Changes During Pediatric Coronal Spinal Deformity Surgery. Global Spine Journal, 2019, 9, 15S-21S.	1.2	19
44	Minimum 20-Year Health-Related Quality of Life and Surgical Rates After the Treatment of Adolescent Idiopathic Scoliosis. Spine Deformity, 2019, 7, 417-427.	0.7	29
45	Full-spine radiographs: what others are reporting—a survey of Society of Skeletal Radiology members. Skeletal Radiology, 2019, 48, 1759-1763.	1.2	1
46	Mechanical Performance of Posterior Spinal Instrumentation and Growing Rod Implants. Spine, 2019, 44, 1270-1278.	1.0	6
47	Thoracic Volumes Correlated With Pulmonary Function Tests in Adult Scoliosis Patients Following Different Treatments in Adolescence. Journal of Medical Devices, Transactions of the ASME, 2019, 13, .	0.4	0
48	What Are the Indications for Spinal Fusion Surgery in Scheuermann Kyphosis?. Journal of Pediatric Orthopaedics, 2019, 39, 217-221.	0.6	16
49	Percutaneous Pedicle Screws. , 2019, , 215-225.		0
50	The Deformity TLIF: Bilateral Facetectomy and Osteotomy Closure with a Hinged Table. Iowa orthopaedic journal, The, 2019, 39, 81-84.	0.5	0
51	Oswestry Disability Index: Is Telephone Administration Valid?. Iowa orthopaedic journal, The, 2019, 39, 92-94.	0.5	2
52	Minimum Detectable Measurement Difference for Health-Related Quality of Life Measures Varies With Age and Disability in Adult Spinal Deformity. Spine, 2018, 43, E790-E795.	1.0	14
53	Which Malpositioned Pedicle Screws Should Be Revised?. Journal of Pediatric Orthopaedics, 2018, 38, 110-115.	0.6	21
54	Operative Management of Adult Spinal Deformity Results in Significant Increases in QALYs Gained Compared to Nonoperative Management. Spine, 2018, 43, 339-347.	1.0	43

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55	Congenital unilateral absence of the upper extremity may give rise to a specific kind of thoracolumbar curve. <i>Journal of Pediatric Orthopaedics Part B</i> , 2018, 27, 180-183.	0.3	3
56	Alphabet Soup: Sagittal Balance Correction Osteotomies of the Spine—What Radiologists Should Know. <i>American Journal of Neuroradiology</i> , 2018, 39, 606-611.	1.2	1
57	An international consensus on the appropriate evaluation and treatment for adults with spinal deformity. <i>European Spine Journal</i> , 2018, 27, 585-596.	1.0	20
58	Sacroiliac joint fusion health care cost comparison prior to and following surgery: an administrative claims analysis. <i>ClinicoEconomics and Outcomes Research</i> , 2018, Volume 10, 643-651.	0.7	3
59	Highlights from the First Annual Spinal Navigation, Emerging Technologies and Systems Integration Meeting. <i>Annals of Translational Medicine</i> , 2018, 6, 110-110.	0.7	6
60	Clinical Use of Opportunistic Computed Tomography Screening for Osteoporosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 2073-2081.	1.4	61
61	The Challenge of Creating Lordosis in High-Grade Dysplastic Spondylolisthesis. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 375-387.	0.8	10
62	Predictive Value and Interrater Reliability of Radiographic Factors in Neurofibromatosis Patients With Dystrophic Scoliosis. <i>Spine Deformity</i> , 2018, 6, 560-567.	0.7	6
63	Pediatric and Adult Scoliosis. , 2018, , 561-572.e4.		0
64	Pulmonary function tests correlated with thoracic volumes in adolescent idiopathic scoliosis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 175-182.	1.2	16
65	Do Lordotic Cages Provide Better Segmental Lordosis Versus Nonlordotic Cages in Lateral Lumbar Interbody Fusion (LLIF)?. <i>Clinical Spine Surgery</i> , 2017, 30, E338-E343.	0.7	39
66	Adolescent Idiopathic Scoliosis Thoracic Volume Modeling: The Effect of Surgical Correction. <i>Journal of Pediatric Orthopaedics</i> , 2017, 37, e512-e518.	0.6	10
67	Predictors of Outcome in Conservative and Minimally Invasive Surgical Management of Pain Originating From the Sacroiliac Joint. <i>Spine</i> , 2017, 42, 1664-1673.	1.0	37
68	Cell Saver for Adult Spinal Deformity Surgery Reduces Cost. <i>Spine Deformity</i> , 2017, 5, 272-276.	0.7	27
69	The Sacroiliac Joint. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 301-312.	0.8	55
70	Measuring outcomes in adult spinal deformity surgery: a systematic review to identify current strengths, weaknesses and gaps in patient-reported outcome measures. <i>European Spine Journal</i> , 2017, 26, 2084-2093.	1.0	25
71	2016 SRS Presidential Address. <i>Spine Deformity</i> , 2017, 5, 77-82.	0.7	0
72	Current Evidence Regarding Diagnostic Imaging Methods for Pediatric Lumbar Spondylolysis: A Report From the Scoliosis Research Society Evidence-Based Medicine Committee. <i>Spine Deformity</i> , 2017, 5, 97-101.	0.7	19

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73	Align the Spineâ€™s Not Just the Pelvis!. Journal of Bone and Joint Surgery - Series A, 2017, 99, e104.	1.4	2
74	Thoracic spinal cord impingement by an arachnoid web at the level of a hemivertebra: case report. Journal of Neurosurgery: Spine, 2017, 27, 638-642.	0.9	16
75	Defining a core outcome set for adolescent and young adult patients with a spinal deformity. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 88, 612-618.	1.2	21
76	The Pursuit of Scholarship: Why We Should Care About Resident Research. Journal of Bone and Joint Surgery - Series A, 2017, 99, e119.	1.4	9
77	Sacral bone mineral density (BMD) assessment using opportunistic CT scans. Journal of Orthopaedic Research, 2017, 35, 160-166.	1.2	32
78	Impact of cost valuation on cost-effectiveness in adult spine deformity surgery. Spine Journal, 2017, 17, 96-101.	0.6	22
79	Commentary: Appropriate Use Criteria for Lumbar Degenerative Scoliosis: Developing Evidence-based Guidance for Complex Treatment Decisions. Neurosurgery, 2017, 80, E205-E212.	0.6	8
80	Sacroiliac Joint Fusion. , 2017, , 429-439.		0
81	Tranexamic Acid Reduced the Percent of Total Blood Volume Lost During Adolescent Idiopathic Scoliosis Surgery. International Journal of Spine Surgery, 2017, 11, 27.	0.7	18
82	Cost-effectiveness of minimally invasive sacroiliac joint fusion. ClinicoEconomics and Outcomes Research, 2016, 8, 1.	0.7	20
83	Ignoring the sacroiliac joint in chronic low back pain is costly. ClinicoEconomics and Outcomes Research, 2016, 8, 23.	0.7	15
84	Cost analysis of magnetically controlled growing rods compared with traditional growing rods for early-onset scoliosis in the US: an integrated health care delivery system perspective. ClinicoEconomics and Outcomes Research, 2016, Volume 8, 457-465.	0.7	39
85	Accuracy of Pedicle Screw Placement in Children 10 Years or Younger Using Navigation and Intraoperative CT. Clinical Spine Surgery, 2016, 29, E135-E138.	0.7	27
86	Dedicated Spine Measurement Software Quantifies Key Spino-Pelvic Parameters More Reliably Than Traditional Picture Archiving and Communication Systems Tools. Spine, 2016, 41, E22-E27.	1.0	26
87	Thoracic Volume Follow-Up for Growing Rod Surgical Treatment in Early Onset Scoliosis Patients1. Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.4	0
88	A Framework for Reconstructing Three-Dimensional Rib Cage and Thoracic Volume in Spine Deformity Patients: An Innovative Simulation Software Development1. Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.4	1
89	Improvement in Health State Utility after Sacroiliac Joint Fusion: Comparison to Normal Populations. Global Spine Journal, 2016, 6, 100-107.	1.2	7
90	What Is the Frequency of Intraoperative Alerts During Pediatric Spinal Deformity Surgery Using Current Neuromonitoring Methodology? A Retrospective Study of 218 Surgical Procedures. Neurodiagnostic Journal,the, 2016, 56, 17-31.	0.1	16

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91	Hemoptysis Due to Anterior Scoliosis Implants. JBJS Case Connector, 2016, 6, e20.	0.1	1
92	Placement of Thoracic Pedicle Screws. JBJS Essential Surgical Techniques, 2016, 6, e9.	0.3	7
93	What would be the annual cost savings if fewer screws were used in adolescent idiopathic scoliosis treatment in the US?. Journal of Neurosurgery: Spine, 2016, 24, 116-123.	0.9	55
94	Does Level of Response to SI Joint Block Predict Response to SI Joint Fusion?. International Journal of Spine Surgery, 2016, 10, 4.	0.7	23
95	Two-Year Outcomes from a Randomized Controlled Trial of Minimally Invasive Sacroiliac Joint Fusion vs. Non-Surgical Management for Sacroiliac Joint Dysfunction. International Journal of Spine Surgery, 2016, 10, 28.	0.7	138
96	Reliability of the Planned Pedicle Screw Trajectory versus the Actual Pedicle Screw Trajectory using Intra-operative 3D CT and Image Guidance. International Journal of Spine Surgery, 2016, 10, 38.	0.7	29
97	Randomized Controlled Trial of Minimally Invasive Sacroiliac Joint Fusion Using Triangular Titanium Implants vs Nonsurgical Management for Sacroiliac Joint Dysfunction. Neurosurgery, 2015, 77, 674-691.	0.6	103
98	Radiographic Comparison of Lateral Lumbar Interbody Fusion Versus Traditional Fusion Approaches: Analysis of Sagittal Contour Change. International Journal of Spine Surgery, 2015, 9, 16.	0.7	66
99	A Novel, Minimally Invasive Resection of a Pediatric Cervical Spine Osteoblastoma. JBJS Case Connector, 2015, 5, e108.	0.1	3
100	Osteoporosis in acute fractures of the cervical spine: the role of opportunistic CT screening. Journal of Neurosurgery: Spine, 2015, 23, 1-7.	0.9	58
101	Implant Distribution in Surgically Instrumented Lenke 1 Adolescent Idiopathic Scoliosis. Spine, 2015, 40, 462-468.	1.0	37
102	Current Evidence Regarding the Etiology, Prevalence, Natural History, and Prognosis of Pediatric Lumbar Spondylolysis: A Report from the Scoliosis Research Society Evidence-Based Medicine Committee. Spine Deformity, 2015, 3, 12-29.	0.7	31
103	Current Evidence Regarding the Surgical and Nonsurgical Treatment of Pediatric Lumbar Spondylolysis: A Report from the Scoliosis Research Society Evidence-Based Medicine Committee. Spine Deformity, 2015, 3, 30-44.	0.7	13
104	Opportunistic Computed Tomography Screening Shows a High Incidence of Osteoporosis in Ankylosing Spondylitis Patients With Acute Vertebral Fractures. Journal of Clinical Densitometry, 2015, 18, 17-21.	0.5	19
105	Sacroiliac Joint Fusion Using Triangular Titanium Implants vs. Non-Surgical Management: Six-Month Outcomes from a Prospective Randomized Controlled Trial. International Journal of Spine Surgery, 2015, 9, 6.	0.7	77
106	How Much Work Effort is Involved in Minimally Invasive Sacroiliac Joint Fusion?. International Journal of Spine Surgery, 2015, 9, 58.	0.7	6
107	Comparison of Nonnavigated and 3-dimensional Image-based Computer Navigated Balloon Kyphoplasty. Orthopedics, 2015, 38, 17-23.	0.5	6
108	Comparison of Open and Percutaneous Lumbar Pedicle Screw Revision Rate Using 3-D Image Guidance and Intraoperative CT. Orthopedics, 2015, 38, e129-34.	0.5	23

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109	The Sacroiliac Joint and Long Lumbosacral Fusions. , 2015, , 151-158.		0
110	Sacroiliac joint pain: burden of disease. Medical Devices: Evidence and Research, 2014, 7, 73.	0.4	71
111	Management of sacroiliac joint disruption and degenerative sacroiliitis with nonoperative care is medical resource-intensive and costly in a United States commercial payer population. ClinicoEconomics and Outcomes Research, 2014, 6, 63.	0.7	24
112	Comparison of the costs of nonoperative care to minimally invasive surgery for sacroiliac joint disruption and degenerative sacroiliitis in a United States commercial payer population: potential economic implications of a new minimally invasive technology. ClinicoEconomics and Outcomes Research, 2014, 6, 283.	0.7	22
113	Comparative effectiveness of open versus minimally invasive sacroiliac joint fusion. Medical Devices: Evidence and Research, 2014, 7, 187.	0.4	42
114	Optimal surgical care for adolescent idiopathic scoliosis: an international consensus. European Spine Journal, 2014, 23, 2603-2618.	1.0	96
115	Defining Rates and Causes of Mortality Associated With Spine Surgery. Spine, 2014, 39, 579-586.	1.0	26
116	Does Higher Anchor Density Result in Increased Curve Correction and Improved Clinical Outcomes in Adolescent Idiopathic Scoliosis?. Spine, 2014, 39, 571-578.	1.0	62
117	Editorial: Nonoperative care to manage the sacroiliac joint. Journal of Neurosurgery: Spine, 2014, 20, 351-353.	0.9	2
118	Timing of stereotactic radiosurgery and surgery and wound healing in patients with spinal tumors: a systematic review and expert opinions. Neurological Research, 2014, 36, 510-523.	0.6	30
119	Nonoperative care to manage sacroiliac joint disruption and degenerative sacroiliitis: high costs and medical resource utilization in the United States Medicare population. Journal of Neurosurgery: Spine, 2014, 20, 354-363.	0.9	36
120	Incremental cost-effectiveness of adult spinal deformity surgery: observed quality-adjusted life years with surgery compared with predicted quality-adjusted life years without surgery. Neurosurgical Focus, 2014, 36, E3.	1.0	91
121	Quantitative T2* (T2 star) relaxation times predict site specific proteoglycan content and residual mechanics of the intervertebral disc throughout degeneration. Journal of Orthopaedic Research, 2014, 32, 1083-1089.	1.2	37
122	Does Prone Repositioning Before Posterior Fixation Produce Greater Lordosis in Lateral Lumbar Interbody Fusion (LLIF)?. Journal of Spinal Disorders and Techniques, 2014, 27, 364-369.	1.8	28
123	The Use of Computed Tomography Attenuation to Evaluate Osteoporosis Following Acute Fractures of the Thoracic and Lumbar Vertebra. Geriatric Orthopaedic Surgery and Rehabilitation, 2014, 5, 50-55.	0.6	41
124	Cost savings analysis of intrawound vancomycin powder in posterior spinal surgery. Spine Journal, 2014, 14, 2710-2715.	0.6	96
125	Total hospital costs of surgical treatment for adult spinal deformity: an extended follow-up study. Spine Journal, 2014, 14, 2326-2333.	0.6	124
126	Minimally Invasive Versus Open Sacroiliac Joint Fusion: Are They Similarly Safe and Effective?. Clinical Orthopaedics and Related Research, 2014, 472, 1831-1838.	0.7	85



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127	Change in Sagittal Plane Alignment Following Surgery for Scheuermann's Kyphosis. <i>Spine Deformity</i> , 2014, 2, 404-409.	0.7	12
128	Introduction: Intraoperative spinal imaging and navigation. <i>Neurosurgical Focus</i> , 2014, 36, Introduction.	1.0	7
129	Complications Associated with Surgical Treatment of Traumatic Spinal Fractures: A Review of the Scoliosis Research Society Morbidity and Mortality Database. <i>World Neurosurgery</i> , 2014, 81, 818-824.	0.7	10
130	New generation intraoperative three-dimensional imaging (O-arm) in 100 spine surgeries: Does it change the surgical procedure?. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 225-231.	0.8	45
131	Double crush to the thorax: Pectus excavatum and kyphoscoliosis. <i>Journal of Pediatric Surgery Case Reports</i> , 2014, 2, 8-11.	0.1	2
132	Utilization of Minimally Invasive Surgical Approach for Sacroiliac Joint Fusion in Surgeon Population of ISASS and SMISS Membership. <i>The Open Orthopaedics Journal</i> , 2014, 8, 1-6.	0.1	62
133	Adult Degenerative Scoliosis Surgical Outcomes: A Systematic Review and Meta-analysis. <i>Spine Deformity</i> , 2013, 1, 248-258.	0.7	13
134	Discriminative Properties of the Spinal Appearance Questionnaire Compared With the Scoliosis Research Society's 22 Revised. <i>Spine Deformity</i> , 2013, 1, 328-338.	0.7	19
135	Cost-Utility Analysis of Surgical Treatment for Adult Spinal Deformity. <i>Spine Journal</i> , 2013, 13, S107-S108.	0.6	1
136	Are More Screws Better? A Systematic Review of Anchor Density and Curve Correction in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2013, 1, 237-247.	0.7	56
137	Comparison of Cranial Facet Joint Violation Rates Between Open and Percutaneous Pedicle Screw Placement Using Intraoperative 3-D CT (O-arm) Computer Navigation. <i>Spine</i> , 2013, 38, E251-E258.	1.0	88
138	Disc Degeneration Assessed by Quantitative T2* (T2 Star) Correlated With Functional Lumbar Mechanics. <i>Spine</i> , 2013, 38, E1533-E1540.	1.0	68
139	Comparison of the costs of nonoperative care to minimally invasive surgery for sacroiliac joint disruption and degenerative sacroiliitis in a United States Medicare population: potential economic implications of a new minimally-invasive technology. <i>ClinicoEconomics and Outcomes Research</i> , 2013, 5, 575.	0.7	14
140	Segmental lumbar sagittal correction after bilateral transforaminal lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 37-42.	0.9	42
141	Editorial: Cervical spondylotic myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 87-88.	0.9	0
142	The Cost Effectiveness of Single-Level Instrumented Posterolateral Lumbar Fusion at 5 Years After Surgery. <i>Spine</i> , 2012, 37, 769-774.	1.0	85
143	Short-term Complications Associated With Surgery for High-Grade Spondylolisthesis in Adults and Pediatric Patients. <i>Neurosurgery</i> , 2012, 71, 109-116.	0.6	60
144	The Accuracy of Navigation and 3D Image-Guided Placement for the Placement of Pedicle Screws in Congenital Spine Deformity. <i>Journal of Pediatric Orthopaedics</i> , 2012, 32, e23-e29.	0.6	84

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145	Rates and Causes of Mortality Associated With Spine Surgery Based on 108,419 Procedures. Spine, 2012, 37, 1975-1982.	1.0	104
146	Pediatric Pedicle Screw Placement Using Intraoperative Computed Tomography and 3-Dimensional Image-Guided Navigation. Spine, 2012, 37, E188-E194.	1.0	110
147	Intraoperative 3-dimensional imaging (O-arm) for assessment of pedicle screw position: Does it prevent unacceptable screw placement?. International Journal of Spine Surgery, 2012, 6, 49-54.	0.7	28
148	Pediatric and Adult Scoliosis. , 2012, , 497-507.		1
149	Value-based Care in the Management of Spinal Disorders: A Systematic Review of Cost-utility Analysis. Clinical Orthopaedics and Related Research, 2012, 470, 1106-1123.	0.7	51
150	Defining Appropriate Spine Care for the Patient as well as Society. Seminars in Spine Surgery, 2012, 24, 123-126.	0.1	0
151	commentary on: Quality-of-Life Evaluation of Patients Undergoing Lumbar Discectomy using Short Form 36. Anesthesiology and Pain Medicine, 2012, 1, 199-200.	0.5	0
152	Morbidity and Mortality in the Surgical Treatment of Six Hundred Five Pediatric Patients With Isthmic or Dysplastic Spondylolisthesis. Spine, 2011, 36, 308-312.	1.0	36
153	The Scoliosis Research Society Health-Related Quality Of Life (SRS-30) Age- and Gender Normative Data. Spine, 2011, 36, 1154-1162.	1.0	73
154	Incidence of Unintended Durotomy in Spine Surgery Based on 108 478 Cases. Neurosurgery, 2011, 68, 117-124.	0.6	101
155	Rates of New Neurological Deficit Associated With Spine Surgery Based on 108,419 Procedures. Spine, 2011, 36, 1218-1228.	1.0	221
156	Does Bone Morphogenetic Protein Increase the Incidence of Perioperative Complications in Spinal Fusion?. Spine, 2011, 36, 1685-1691.	1.0	92
157	Spinal Appearance Questionnaire. Spine, 2011, 36, E1240-E1244.	1.0	62
158	Scoliosis Research Society Morbidity and Mortality of Adult Scoliosis Surgery. Spine, 2011, 36, E593-E597.	1.0	177
159	Diagnosis and treatment of sacroiliac joint pain. Current Orthopaedic Practice, 2011, 22, 344-350.	0.1	10
160	Rates of Infection After Spine Surgery Based on 108,419 Procedures. Spine, 2011, 36, 556-563.	1.0	345
161	Complications in the Surgical Treatment of 19,360 Cases of Pediatric Scoliosis. Spine, 2011, 36, 1484-1491.	1.0	342
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