

# Joseph S Butler

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,084  
citations

471509

17  
h-index

454955

30  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nontuberculous Pyogenic Spinal Infection in Adults. <i>Spine</i> , 2006, 31, 2695-2700.	2.0	243
2	Gene expression analysis in human osteoblasts exposed to dexamethasone identifies altered developmental pathways as putative drivers of osteoporosis. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 12.	1.9	78
3	The role of Dkk1 in bone mass regulation: Correlating serum Dkk1 expression with bone mineral density. <i>Journal of Orthopaedic Research</i> , 2011, 29, 414-418.	2.3	63
4	Silencing Dkk1 expression rescues dexamethasone-induced suppression of primary human osteoblast differentiation. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 210.	1.9	42
5	Perforated jejunal diverticula: a case report. <i>Journal of Medical Case Reports</i> , 2010, 4, 172.	0.8	42
6	A new extensile anterolateral retroperitoneal approach for lumbar interbody fusion from L1 to S1: a prospective series with clinical outcomes. <i>Spine Journal</i> , 2016, 16, 786-791.	1.3	41
7	Risk analysis of blood transfusion requirements in emergency and elective spinal surgery. <i>European Spine Journal</i> , 2011, 20, 753-758.	2.2	35
8	A meta-analysis of the diagnostic accuracy of Hounsfield units on computed topography relative to dual-energy X-ray absorptiometry for the diagnosis of osteoporosis in the spine surgery population. <i>Spine Journal</i> , 2021, 21, 1738-1749.	1.3	35
9	The Management and Functional Outcome of Isolated Burst Fractures of the Fifth Lumbar Vertebra. <i>Spine</i> , 2007, 32, 443-447.	2.0	34
10	Image-guidance, Robotics, and the Future of Spine Surgery. <i>Clinical Spine Surgery</i> , 2020, 33, 179-184.	1.3	24
11	Mechanical and cellular processes driving cervical myelopathy. <i>World Journal of Orthopedics</i> , 2016, 7, 20.	1.8	24
12	Severe Lumbar Disability Is Associated With Decreased Psoas Cross-Sectional Area in Degenerative Spondylolisthesis. <i>Global Spine Journal</i> , 2018, 8, 716-721.	2.3	21
13	Segmental Pelvic Correlation (SPeC): a novel approach to understanding sagittal plane spinal alignment. <i>Spine Journal</i> , 2015, 15, 2518-2523.	1.3	19
14	Spinal disease in myeloma: cohort analysis at a specialist spinal surgery centre indicates benefit of early surgical augmentation or bracing. <i>BMC Cancer</i> , 2016, 16, 444.	2.6	19
15	Risk Factors for and Complications After Surgical Delay in Elective Single-Level Lumbar Fusion. <i>Spine</i> , 2018, 43, 228-233.	2.0	19
16	What Is Finite Element Analysis?. <i>Clinical Spine Surgery</i> , 2020, 33, 323-324.	1.3	19
17	HIV-1 protein induced modulation of primary human osteoblast differentiation and function via a Wnt/ $\beta$ -catenin-dependent mechanism. <i>Journal of Orthopaedic Research</i> , 2013, 31, 218-226.	2.3	18
18	Resection and reconstruction of pelvic and extremity soft tissue sarcomas with major vascular involvement: Current concepts. <i>World Journal of Orthopedics</i> , 2016, 7, 293.	1.8	18

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19	Surgeon proficiency in robot-assisted spine surgery. <i>Bone and Joint Journal</i> , 2020, 102-B, 568-572.	4.4	15
20	Intraoperative pedicle screw navigation does not significantly affect complication rates after spine surgery. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 198-201.	1.5	14
21	Effect of body mass index on functional outcome in primary total knee arthroplasty - a single institution analysis of 2180 primary total knee replacements. <i>World Journal of Orthopedics</i> , 2016, 7, 664.	1.8	14
22	The 100 most cited papers in spinal deformity surgery: a bibliometric analysis. <i>Orthopedic Reviews</i> , 2014, 6, 5584.	1.3	13
23	Quality of Life and Surgical Outcomes After Soft-Tissue Reconstruction of Complex Oncologic Defects of the Spine and Sacrum. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 117-126.	3.0	13
24	Surgical Management of Thoracolumbar Burst Fractures. <i>Clinical Spine Surgery</i> , 2021, 34, 4-13.	1.3	13
25	Strategies for the Prevention and Treatment of Surgical Site Infection in the Lumbar Spine. <i>Clinical Spine Surgery</i> , 2018, 31, 323-330.	1.3	12
26	The diagnostic and prognostic value of artificial intelligence and artificial neural networks in spinal surgery. <i>Bone and Joint Journal</i> , 2021, 103-B, 1442-1448.	4.4	12
27	Neurologic Injury in Complex Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, E939-E949.	2.0	11
28	What Is the Optimal Surgical Treatment for Low-Grade Isthmic Spondylolisthesis? ALIF or TLIF?. <i>Clinical Spine Surgery</i> , 2020, 33, 389-392.	1.3	10
29	Degenerative Cervical Spondylosis: Natural History, Pathogenesis, and Current Management Strategies. <i>Advances in Orthopedics</i> , 2012, 2012, 1-3.	1.0	9
30	Impact of Sarcopenia on Degenerative Lumbar Spondylosis. <i>Clinical Spine Surgery</i> , 2021, 34, 43-50.	1.3	9
31	Pathologic sternal involvement is a potential risk factor for severe sagittal plane deformity in multiple myeloma with concomitant thoracic fractures. <i>Spine Journal</i> , 2015, 15, 2503-2508.	1.3	8
32	Multiple myeloma presenting with acute bony spinal cord compression and mechanical instability successfully managed nonoperatively. <i>Spine Journal</i> , 2016, 16, e567-e570.	1.3	8
33	Managing the cervical spine in multiple myeloma patients. <i>Hematological Oncology</i> , 2019, 37, 129-135.	1.7	8
34	Risk Factors for Adverse Cardiac Events After Lumbar Spine Fusion. <i>International Journal of Spine Surgery</i> , 2018, 12, 638-643.	1.5	8
35	Methods to Mitigate Industry Influence in Industry Sponsored Research. <i>Clinical Spine Surgery</i> , 2021, 34, 143-145.	1.3	8
36	Aggressive plasmablastic lymphoma of the thoracic spine presenting as acute spinal cord compression in a case of asymptomatic undiagnosed human immunodeficiency virus infection. <i>Spine Journal</i> , 2014, 14, e1-e5.	1.3	7

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37	Successful nonsurgical treatment for highly unstable fracture subluxation of the spine secondary to myeloma. <i>Spine Journal</i> , 2016, 16, e547-e551.	1.3	7
38	360-Degree Complex Primary Reconstruction Using Porous Tantalum Cages for Adult Degenerative Spinal Deformity. <i>Global Spine Journal</i> , 2019, 9, 613-618.	2.3	7
39	Management of Herniated Lumbar Disk Disease and Cauda Equina Syndrome in Pregnancy. <i>Clinical Spine Surgery</i> , 2019, 32, 412-416.	1.3	7
40	Timing of surgical fixation in traumatic spinal fractures: A systematic review. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2020, 18, 37-43.	1.8	6
41	The Incidence, Risk Factors, and Complications Associated With Surgical Delay in Multilevel Fusion for Adult Spinal Deformity. <i>Global Spine Journal</i> , 2022, 12, 441-446.	2.3	6
42	A Systematic Review of Risk Factors Associated With Distal Junctional Failure in Adult Spinal Deformity Surgery. <i>Clinical Spine Surgery</i> , 2021, 34, 347-354.	1.3	6
43	Does Surgically Managed Grade I Degenerative Lumbar Spondylolisthesis Require Fusion?. <i>Clinical Spine Surgery</i> , 2019, 32, 133-136.	1.3	5
44	Is Multilevel Anterior Lumbar Interbody Fusion (ALIF) Superior to Pedicle Subtraction Osteotomy (PSO) for Degenerative Lumbar Deformity?. <i>Clinical Spine Surgery</i> , 2020, 33, 1-4.	1.3	5
45	Two-stage anterior and posterior fusion versus one-stage posterior fusion in patients with Scheuermann's kyphosis. <i>Bone and Joint Journal</i> , 2020, 102-B, 1368-1374.	4.4	5
46	Advantages and Design of PROMIS Questionnaires. <i>Clinical Spine Surgery</i> , 2020, 33, 408-410.	1.3	5
47	A systematic review of the presentation of scan-negative suspected cauda equina syndrome. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2020, 18, 49-52.	1.8	4
48	Are Carbon-fiber Implants More Efficacious Than Traditional Metallic Implants for Spine Tumor Surgery?. <i>Clinical Spine Surgery</i> , 2021, 34, 159-162.	1.3	4
49	Timing of surgical fixation in traumatic spinal fractures. <i>Bone and Joint Journal</i> , 2020, 102-B, 627-631.	4.4	3
50	Changing Demographic Trends in spine trauma: The presentation and outcome of Major Spine Trauma in the elderly. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2022, 20, e410-e415.	1.8	3
51	Anterior and posterior fixation for delayed treatment of posterior atlantoaxial dislocation without fracture. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015212436.	0.5	2
52	The utility of single photon emission computed tomography/computed tomography (SPECT/CT) fusion imaging in the diagnosis of a vertebral compression fracture in multiple myeloma. <i>Spine Journal</i> , 2015, 15, 1682-1683.	1.3	2
53	Clinical and radiologic outcome from 360-degree lumbar spondylodesis using porous tantalum cages in spinal reconstruction for degenerative lumbar spine deformity. <i>Spine Journal</i> , 2016, 16, S52.	1.3	2
54	Presentation and outcome of patients treated non-operatively or operatively for Copenhagen Disease: a 30-year experience. <i>European Spine Journal</i> , 2016, 25, 919-927.	2.2	2

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55	Spinal fusion from nonoperative management of lytic myelomatous vertebrae. Spine Journal, 2019, 19, e4-e5.	1.3	2
56	Is the Use of a Cervical Collar Necessary in the Nonoperative Management of Type II Peg Fractures in the Elderly?. Clinical Spine Surgery, 2020, 33, 95-98.	1.3	2
57	Current Strategies for Reconstruction of Soft Tissue Defects of the Spine. Clinical Spine Surgery, 2020, 33, 9-19.	1.3	2
58	Radiographic Measures of Spinal Alignment Are Not Predictive of the Development of C5 Palsy Following Anterior Cervical Discectomy and Fusion Surgery. International Journal of Spine Surgery, 2021, 15, 213-218.	1.5	2
59	Discography or SPECT/CT. Clinical Spine Surgery, 2020, Publish Ahead of Print, 355-358.	1.3	2
60	What Is the Superior Screw Fixation Technique for Posterior Decompression and Fusion in the Management of Cervical Spondylotic Myelopathy. Clinical Spine Surgery, 2022, 35, 91-94.	1.3	2
61	Focused road-safety initiatives urgently required. Lancet, The, 2007, 369, 2160.	13.7	1
62	Progressive foot drop caused by below-knee compression stocking after spinal surgery. Oxford Medical Case Reports, 2016, 2016, omw075.	0.4	1
63	Do Equivalence Trials Display Superiority Over the Traditional Comparative Study Methods in Orthopedic Surgery?. Clinical Spine Surgery, 2020, 33, 201-204.	1.3	1
64	Regenerative Medicine Modalities for the Treatment of Degenerative Disk Disease. Clinical Spine Surgery, 2020, Publish Ahead of Print, 363-368.	1.3	1
65	Artificial Intelligence and the Future of Spine Surgery. Clinical Spine Surgery, 2021, 34, 216-219.	1.3	1
66	Reply to letter concerning "Segmental Pelvic Correlation (SPeC): a novel approach to understanding sagittal plane spinal alignment". Spine Journal, 2016, 16, 1159-1160.	1.3	0
67	Should Nonsteroidal Anti-inflammatory Drugs be Contraindicated in the Perioperative Period After Spinal Fusion Surgery?. Clinical Spine Surgery, 2018, 31, 223-224.	1.3	0
68	Is the Adoption of ERAS Protocols into Spinal Surgery Inevitable?. Clinical Spine Surgery, 2019, 33, 1.	1.3	0
69	The impact of the SARS-CoV-2 pandemic on referral characteristics in a national tertiary spinal injuries unit. Irish Journal of Medical Science, 2021, , 1.	1.5	0
70	What Is the Superior Technique for Long Construct Spinopelvic Fixation in Adult Spinal Deformity Surgery. Clinical Spine Surgery, 2020, Publish Ahead of Print, .	1.3	0
71	Does Conjugation With Structural Carriers Augment the Fusion Properties of Demineralized Bone Matrix?. Clinical Spine Surgery, 2021, 34, 273-275.	1.3	0