

Joseph Smucker

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,666
citations

516710

16
h-index

276875

41
g-index

59
all docs

59
docs citations

59
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the Decompression of Symptomatic Lumbar Facet Cysts Without Instability Require Fusion?. <i>Clinical Spine Surgery</i> , 2021, 34, 39-42.	1.3	2
2	Long-Term Radiographic and Functional Outcomes of Patients With Absence of Radiographic Union at 2 Years After Single-Level Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2020, 10, 741-747.	2.3	6
3	No S.C.A.R.E. Protocol. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, 21-28.	2.5	2
4	Do the Benefits of Routine Perioperative Chemoprophylaxis for Prevention of Thrombotic Events in Multilevel Posterior Surgery of the Cervical or Thoracic Spinal Cord Outweigh the Risks?. <i>Clinical Spine Surgery</i> , 2020, 33, 215-217.	1.3	0
5	Evaluation of DIAMâ„¢ Spinal Stabilization System for lower lumbar disc degenerative disease: A randomized, prospective, single-site study. <i>Journal of Orthopaedics</i> , 2020, 21, 171-177.	1.3	4
6	Functional Outcomes Associated With Adjacent-level Ossification Disease 10 Years After Cervical Disc Arthroplasty or ACDF. <i>Clinical Spine Surgery</i> , 2020, 33, E420-E425.	1.3	4
7	Biomechanical Analysis of the Cervical Spine Following Disc Degeneration, Disc Fusion, and Disc Replacement: A Finite Element Study. <i>International Journal of Spine Surgery</i> , 2019, 13, 491-500.	1.5	23
8	Does index level sagittal alignment determine adjacent level disc height loss?. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 579-586.	1.7	2
9	Long-term Clinical Outcomes of Cervical Disc Arthroplasty. <i>Spine</i> , 2017, 42, 209-216.	2.0	87
10	Single-Level Cervical Disc Arthroplasty with a Bryan Device. <i>JBJS Essential Surgical Techniques</i> , 2017, 7, e15.	0.8	1
11	Comparison of Long-term Differences in Dysphagia. <i>Clinical Spine Surgery</i> , 2017, 30, E1160-E1164.	1.3	13
12	Efficacy of i-Factor Bone Graft versus Autograft in Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2016, 41, 1075-1083.	2.0	57
13	Risk Factors for Surgical Site Infections Following Adult Spine Operations. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 1458-1467.	1.8	24
14	Anterior cervical disc replacement: Indications, techniques, and outcomes. <i>Seminars in Spine Surgery</i> , 2016, 28, 97-106.	0.2	3
15	Efficacy of a Novel Synthetic Small Peptide in Anterior Cervical Arthrodesis: A Randomized, Controlled, Multicenter Study with 24-Month Follow-Up. <i>Spine Journal</i> , 2015, 15, S243-S244.	1.3	0
16	Biomechanical Analysis of Cervical Disc Replacement and Fusion Using Single Level, Two Level, and Hybrid Constructs. <i>Spine</i> , 2015, 40, 1578-1585.	2.0	68
17	Do You Need Bone Graft Extenders for a 2- to 3-Level Posterior Lumbar Decompression and Fusion With Adequate Local Bone?. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, 159-162.	1.9	0
18	LOCAL BONE ONLY. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, 160-162.	1.9	0

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19	Assessment of SiCaP-30 in a Rabbit Posterolateral Fusion Model with Concurrent Chemotherapy. Iowa orthopaedic journal, The, 2015, 35, 140-6.	0.5	4
20	The effect of multi-level laminoplasty and laminectomy on the biomechanics of the cervical spine: a finite element study. Iowa orthopaedic journal, The, 2014, 34, 150-7.	0.5	13
21	Effect of Aspirin on Bone Healing in a Rabbit Ulnar Osteotomy Model. Journal of Bone and Joint Surgery - Series A, 2013, 95, 488-496.	3.0	30
22	Considerations for the Use of C7 Crossing Lamina Screws in Subaxial and Cervicothoracic Instrumentation. Spine, 2013, 38, E199-E204.	2.0	14
23	Evaluation of a novel silicate substituted hydroxyapatite bone graft substitute in a rabbit posterolateral fusion model. Iowa orthopaedic journal, The, 2013, 33, 25-32.	0.5	9
24	Assessment of MASTERGRAFT PUTTY as a Graft Extender in a Rabbit Posterolateral Fusion Model. Spine, 2012, 37, 1017-1021.	2.0	16
25	Effect of Multilevel Open-Door Laminoplasty and Laminectomy on Flexibility of the Cervical Spine. Spine, 2012, 37, E1165-E1170.	2.0	19
26	The Effect of Transdermal Nicotine on Fracture Healing in a Rabbit Model. Journal of Orthopaedic Trauma, 2012, 26, 724-727.	1.4	37
27	Biomechanical Analysis of the Intact and Destabilized Sheep Cervical Spine. Spine, 2012, 37, E957-E963.	2.0	13
28	Evaluation of Novel TCP Putty in a Rabbit Posterolateral Lumbar Fusion Model. Spine Journal, 2012, 12, S143.	1.3	0
29	Assessment of Progenix(®) DBM putty bone substitute in a rabbit posterolateral fusion model. Iowa orthopaedic journal, The, 2012, 32, 54-60.	0.5	5
30	Assessment of Mastergraft(®) strip with bone marrow aspirate as a graft extender in a rabbit posterolateral fusion model. Iowa orthopaedic journal, The, 2012, 32, 61-8.	0.5	9
31	Advancements in Spine FE Mesh Development: Toward Patient-Specific Models. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2011, , 75-101.	1.0	3
32	Balancing spinal stability and future mobility in the cervical spine: surgical treatment of a case of osteoblastoma with secondary aneurysmal bone cyst. Spine Journal, 2011, 11, e5-e12.	1.3	14
33	Adaptive Bone Remodeling Theory Applied to Cervical Laminoplasty. , 2011, , .		0
34	Biomechanical Effects of Laminoplasty and Laminectomy on the Stability of Cervical Spine. , 2011, , .		2
35	Hypertrophic Spinal Pachymeningitis With Thoracic Myelopathy. Journal of Spinal Disorders and Techniques, 2011, 24, 525-532.	1.9	6
36	In Vitro Study of the C2-C7 Sheep Cervical Spine. , 2011, , .		0

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37	Computer-assisted Spinal Navigation. Techniques in Orthopaedics, 2011, 26, 194-201.	0.2	1
38	Cervical Disc Replacement. , 2011, , 808-825.		0
39	Understanding Bony Safety Zones in the Posterior Iliac Crest. Spine, 2010, 35, 725-729.	2.0	8
40	Finite Element Model of Multi Level Cervical Laminoplasty. , 2010, , .		1
41	Validation of a C2â€“C7 cervical spine finite element model using specimen-specific flexibility data. Medical Engineering and Physics, 2010, 32, 482-489.	1.7	122
42	Cervical Spine Arthroplasty: Kinematics of Cervical Arthroplasty. Techniques in Orthopaedics, 2010, 25, 97-107.	0.2	0
43	Cervical Laminoplasty Construct Stability: A Finite Element Study. , 2008, , .		0
44	B2A Peptide on Ceramic Granules Enhance Posterolateral Spinal Fusion in Rabbits Compared With Autograft. Spine, 2008, 33, 1324-1329.	2.0	34
45	Clinical Outcomes of BRYAN Cervical Disc Arthroplasty: A Prospective, Randomized, Controlled, Multicenter Trial With 24-month Follow-up. Journal of Spinal Disorders and Techniques, 2007, 20, 481-491.	1.9	204
46	Effects of Direct Current Electrical Stimulation on Gene Expression of Osteopromotive Factors in a Posterolateral Spinal Fusion Model. Spine, 2007, 32, 174-181.	2.0	40
47	Artificial Disc Versus Fusion. Spine, 2007, 32, 2933-2940.	2.0	213
48	rhBMP-2 enhancement of posterolateral spinal fusion in a rabbit model in the presence of concurrently administered doxorubicin. Spine Journal, 2007, 7, 326-331.	1.3	13
49	The BryanÂ® Artificial Disc. , 2007, , 137-149.		0
50	Surgical Treatment of Destructive Calcific Lesions of the Cervical Spine in Scleroderma: Case Series and Review of the Literature. Spine, 2006, 31, 2002-2008.	2.0	19
51	Use of Recombinant Human Bone Morphogenetic Protein-2 as an Adjunct in Posterolateral Lumbar Spine Fusion. Journal of Spinal Disorders and Techniques, 2006, 19, 416-423.	1.9	131
52	Infolding of the Ligamentum Flavum. Journal of Spinal Disorders and Techniques, 2006, 19, 208-212.	1.9	6
53	The Evolution of Spinal Instrumentation for the Management of Occipital Cervical and Cervicothoracic Junctional Injuries. Spine, 2006, 31, S44-S52.	2.0	17
54	Increased Swelling Complications Associated With Off-Label Usage of rhBMP-2 in the Anterior Cervical Spine. Spine, 2006, 31, 2813-2819.	2.0	351

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55	Cervical Disc Replacement: The State of the Data. <i>Seminars in Spine Surgery</i> , 2006, 18, 53-60.	0.2	3
56	5:4360. Use of recombinant human bone morphogenetic protein-2 as an adjunct in posterolateral lumbar spine fusion CT-scan analysis at one and two years. <i>Spine Journal</i> , 2005, 5, S31.	1.3	1
57	10:2881. Postoperative airway or swallowing disturbance associated with use of rhBMP-2 in the anterior cervical spine. <i>Spine Journal</i> , 2005, 5, S43-S44.	1.3	1
58	Trisomy 21 Associated with Ovarian Dysgerminoma. <i>Gynecologic Oncology</i> , 1999, 74, 512-514.	1.4	11