

Stephan Salzmänn

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

619
citations

686830

13
h-index

642321

23
g-index

40
all docs

40
docs citations

40
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Lateral Lumbar Interbody Fusion Outcomes and Complications. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 539-546.	1.3	106
2	Cervical Spinal Fusion: 16-Year Trends in Epidemiology, Indications, and In-Hospital Outcomes by Surgical Approach. <i>World Neurosurgery</i> , 2018, 113, e280-e295.	0.7	64
3	Lumbar disc replacement surgery successes and obstacles to widespread adoption. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 153-159.	1.3	58
4	Preoperative MRI-based vertebral bone quality (VBQ) score assessment in patients undergoing lumbar spinal fusion. <i>Spine Journal</i> , 2022, 22, 1301-1308.	0.6	41
5	Regional bone mineral density differences measured by quantitative computed tomography: does the standard clinically used L1-L2 average correlate with the entire lumbosacral spine?. <i>Spine Journal</i> , 2019, 19, 695-702.	0.6	37
6	Endplate volumetric bone mineral density measured by quantitative computed tomography as a novel predictive measure of severe cage subsidence after standalone lateral lumbar fusion. <i>European Spine Journal</i> , 2020, 29, 1131-1140.	1.0	31
7	Endplate volumetric bone mineral density is a predictor for cage subsidence following lateral lumbar interbody fusion: a risk factor analysis. <i>Spine Journal</i> , 2021, 21, 1729-1737.	0.6	29
8	The Association Between Endplate Changes and Risk for Early Severe Cage Subsidence Among Standalone Lateral Lumbar Interbody Fusion Patients. <i>Spine</i> , 2020, 45, E1580-E1587.	1.0	22
9	Risk factors for postoperative dysphagia and dysphonia following anterior cervical spine surgery: a comprehensive study utilizing the hospital for special surgery dysphagia and dysphonia inventory (HSS-DDI). <i>Spine Journal</i> , 2021, 21, 1080-1088.	0.6	21
10	Perioperative Risk Factors for Early Revisions in Stand-Alone Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2020, 134, e657-e663.	0.7	20
11	The impact of degenerative disc disease on regional volumetric bone mineral density (vBMD) measured by quantitative computed tomography. <i>Spine Journal</i> , 2020, 20, 181-190.	0.6	19
12	BMI and gender increase risk of sacral fractures after multilevel instrumented spinal fusion compared with bone mineral density and pelvic parameters. <i>Spine Journal</i> , 2019, 19, 238-245.	0.6	17
13	Regional bone mineral density differences measured by quantitative computed tomography in patients undergoing anterior cervical spine surgery. <i>Spine Journal</i> , 2020, 20, 1056-1064.	0.6	17
14	Postoperative Emergency Department Utilization and Hospital Readmission After Cervical Spine Arthrodesis. <i>Spine</i> , 2018, 43, 1031-1037.	1.0	12
15	HSS Dysphagia and Dysphonia Inventory (HSS-DDI) Following Anterior Cervical Fusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e66.	1.4	11
16	Mini-Open Access for Lateral Lumbar Interbody Fusion. <i>JBJS Essential Surgical Techniques</i> , 2019, 9, e37.	0.3	11
17	Early clinical and radiological results of unilateral posterior pedicle instrumentation through a Wiltse approach with lateral lumbar interbody fusion. <i>Journal of Spine Surgery</i> , 2017, 3, 338-348.	0.6	10
18	Risk Factors for Positive Cultures in Presumed Aseptic Revision Spine Surgery. <i>Spine</i> , 2019, 44, 177-184.	1.0	9

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19	The association of transversus abdominis plane block with length of stay, pain and opioid consumption after anterior or lateral lumbar fusion: a retrospective study. <i>European Spine Journal</i> , 2021, 30, 3738-3745.	1.0	9
20	Does L4-L5 Pose Additional Neurologic Risk in Lateral Lumbar Interbody Fusion?. <i>World Neurosurgery</i> , 2019, 129, e337-e342.	0.7	8
21	Spine Injuries in Soccer. <i>Current Sports Medicine Reports</i> , 2019, 18, 367-373.	0.5	8
22	Minimum Clinically Important Differences of the Hospital for Special Surgery Dysphagia and Dysphonia Inventory and Other Dysphagia Measurements in Patients Undergoing ACDF. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2309-2320.	0.7	8
23	Association Between Surgical Level and Early Postoperative Thigh Symptoms Among Patients Undergoing Standalone Lateral Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2020, 134, e885-e891.	0.7	7
24	Thoracic bone mineral density measured by quantitative computed tomography in patients undergoing spine surgery. <i>Spine Journal</i> , 2021, 21, 1866-1872.	0.6	7
25	Skin Ultrasound Measurement as a Potential Marker of Bone Quality: A Prospective Pilot Study of Patients undergoing Lumbar Spinal Fusion. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2508-2515.	1.2	6
26	Emergent reintubation following elective cervical surgery: A case series. <i>World Journal of Orthopedics</i> , 2017, 8, 465.	0.8	5
27	Local Mechanical Environment and Spinal Trabecular Volumetric Bone Mineral Density Measured by Quantitative Computed Tomography: A Study on Lumbar Lordosis. <i>World Neurosurgery</i> , 2020, 135, e286-e292.	0.7	4
28	Disabling Pruritus in a Patient With Cervical Stenosis. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e19.00178.	0.4	4
29	The effect of obesity, diabetes, and epidural steroid injection on regional volumetric bone mineral density measured by quantitative computed tomography in the lumbosacral spine. <i>European Spine Journal</i> , 2021, 30, 13-21.	1.0	4
30	Correlation between Urine N-Terminal Telopeptide and Fourier Transform Infrared Spectroscopy Parameters: A Preliminary Study. <i>Journal of Osteoporosis</i> , 2020, 2020, 1-7.	0.1	3
31	Heel Lift for Skiing to Compensate for Corrected Sagittal Vertical Axis After Spinal Surgery: A Case Report. <i>International Journal of Spine Surgery</i> , 2021, 14, S33-S36.	0.7	3
32	Determinants of Postoperative Spinal Height Change among Adult Spinal Deformity Patients with Long Construct Circumferential Fusion. <i>Asian Spine Journal</i> , 2021, 15, 155-163.	0.8	2
33	The Cervical Spine Demonstrates less Postoperative Bone Loss than the Lumbar Spine. <i>Journal of Orthopaedic Research</i> , 2021, , .	1.2	2
34	A Novel and Reproducible Classification of the Vertebral Artery in the Subaxial Cervical Spine. <i>Operative Neurosurgery</i> , 2020, 18, 676-683.	0.4	1
35	Hyoid position as a novel predictive marker for postoperative dysphagia and dysphonia after anterior cervical discectomy and fusion. <i>European Spine Journal</i> , 2020, 29, 2745-2751.	1.0	1
36	Mapping of Venous Sinus Anatomy and Occipital Bone Thickness for Safe Screw Placement in 100 Patients with 46,200 Standardized Measurements Using Computed Tomography Angiography. <i>Spine</i> , 2022, 47, E196-E202.	1.0	1

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37	Workers' Compensation Status in Association with a High NDI Score Negatively Impacts Post-Operative Dysphagia and Dysphonia Following Anterior Cervical Fusion. <i>World Neurosurgery</i> , 2021, 154, e39-e45.	0.7	1
38	C2 Bone Erosion Secondary to Iatrogenic Pseudomeningocele: A Case Report and Description of a Novel Surgical Technique. <i>World Neurosurgery</i> , 2017, 106, 1056.e1-1056.e4.	0.7	0
39	C2 Pedicle Sclerosis Grading, More Than Diameter, Predicts Surgeons' Preoperative Assessment of Safe Screw Placement: A Novel Classification System. <i>World Neurosurgery</i> , 2021, 149, e576-e581.	0.7	0
40	The diagnostic accuracy of MRI and nonenhanced CT for high-risk vertebral artery anatomy for subaxial anterior cervical spine surgery safety. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8.	0.9	0