

Alexander Aichmair

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,230
citations

394421

19
h-index

395702

33
g-index

51
all docs

51
docs citations

51
times ranked

1193
citing authors

#	ARTICLE	IF	CITATIONS
1	Nerve injury after lateral lumbar interbody fusion: a review of 919 treated levels with identification of risk factors. <i>Spine Journal</i> , 2014, 14, 749-758.	1.3	140
2	Applicability of augmented reality in orthopedic surgery – A systematic review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 103.	1.9	92
3	Biomechanical analysis of screw constructs for atlantoaxial fixation in cadavers: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 151-161.	1.7	83
4	Rate of Revision Surgery After Stand-alone Lateral Lumbar Interbody Fusion for Lumbar Spinal Stenosis. <i>Spine</i> , 2014, 39, E326-E331.	2.0	57
5	Multivariate Analysis on Risk Factors for Postoperative Ileus After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2014, 39, 688-694.	2.0	50
6	Incidental Durotomy During Spinal Surgery. <i>Spine</i> , 2014, 39, E1339-E1345.	2.0	50
7	Nerve injury and recovery after lateral lumbar interbody fusion with and without bone morphogenetic protein-2 augmentation: a cohort-controlled study. <i>Spine Journal</i> , 2014, 14, 217-224.	1.3	48
8	Accuracy of 3D-planned patient specific instrumentation in high tibial open wedge valgisation osteotomy. <i>Journal of Experimental Orthopaedics</i> , 2020, 7, 7.	1.8	47
9	Incidence of vascular complications during lateral lumbar interbody fusion: an examination of the mini-open access technique. <i>European Spine Journal</i> , 2015, 24, 800-809.	2.2	46
10	Associations between lumbosacral transitional anatomy types and degeneration at the transitional and adjacent segments. <i>Spine Journal</i> , 2015, 15, 1210-1216.	1.3	46
11	An Institutional Six-year Trend Analysis of the Neurological Outcome After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2013, 38, E1483-E1490.	2.0	44
12	Aortic Perforation During Lateral Lumbar Interbody Fusion. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, 71-75.	1.9	44
13	Single-Level Lateral Lumbar Interbody Fusion for the Treatment of Adjacent Segment Disease. <i>Spine</i> , 2017, 42, E515-E522.	2.0	35
14	Conventional Versus Computer-Assisted Corrective Osteotomy of the Forearm: a Retrospective Analysis of 56 Consecutive Cases. <i>Journal of Hand Surgery</i> , 2017, 42, 447-455.	1.6	31
15	Contralateral Motor Deficits After Lateral Lumbar Interbody Fusion. <i>Spine</i> , 2013, 38, 1959-1963.	2.0	27
16	Merits of different anatomical landmarks for correct numbering of the lumbar vertebrae in lumbosacral transitional anomalies. <i>European Spine Journal</i> , 2015, 24, 600-608.	2.2	27
17	Determinants of evolution of endplate and disc degeneration in the lumbar spine: a multifactorial perspective. <i>European Spine Journal</i> , 2014, 23, 1863-1868.	2.2	26
18	Microdiscectomy for the Treatment of Lumbar Disc Herniation: An Evaluation of Reoperations and Long-Term Outcomes. <i>Evidence-based Spine-care Journal</i> , 2014, 05, 077-086.	0.9	24

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19	Risk factors for perioperative morbidity in spine surgeries of different complexities: a multivariate analysis of 1,009 consecutive patients. <i>Spine Journal</i> , 2018, 18, 1625-1631.	1.3	24
20	Validation of a Virtual Reality-Based Hip Arthroscopy Simulator. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 789-795.	2.7	21
21	Acromial Fractures Following Reverse Total Shoulder Arthroplasty: A Cohort Controlled Analysis. <i>Orthopedics</i> , 2020, 43, 15-22.	1.1	20
22	Total knee arthroplasty in patients with a history of illicit intravenous drug abuse. <i>International Orthopaedics</i> , 2018, 42, 101-107.	1.9	19
23	No benefit of early versus late ambulation after incidental durotomy in lumbar spine surgery: a randomized controlled trial. <i>European Spine Journal</i> , 2020, 29, 141-146.	2.2	19
24	Lateral lumbar interbody fusion with unilateral pedicle screw fixation for the treatment of adjacent segment disease: a preliminary report. <i>Journal of Spine Surgery</i> , 2017, 3, 330-337.	1.2	18
25	Is an annular tear a predictor for accelerated disc degeneration?. <i>European Spine Journal</i> , 2014, 23, 1825-1829.	2.2	16
26	Current concepts on spinal arthrodesis in degenerative disorders of the lumbar spine. <i>World Journal of Clinical Cases</i> , 2013, 1, 4.	0.8	16
27	Is There Any Relation Between the Amount of Curve Correction and Postoperative Neurological Deficit or Pain in Patients Undergoing Standalone Lateral Lumbar Interbody Fusion?. <i>Spine</i> , 2013, 38, 1656-1662.	2.0	15
28	Classification of perioperative complications in spine surgery. <i>Spine Journal</i> , 2020, 20, 730-736.	1.3	15
29	Incidence of lateral femoral cutaneous nerve lesions after direct anterior approach primary total hip arthroplasty—A literature review. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102956.	2.0	14
30	Multiple myeloma exacerbation following utilization of bone morphogenetic protein-2 in lateral lumbar interbody fusion: a case report and review of the literature. <i>Spine Journal</i> , 2014, 14, e13-e19.	1.3	12
31	L5-S1 <i>Achromobacter xylosoxidans</i> Infection Secondary to Oxygen-Ozone Therapy for the Treatment of Lumbosacral Disc Herniation. <i>Spine</i> , 2014, 39, E413-E416.	2.0	12
32	Vertebral Body Hounsfield Units as a Predictor of Incidental Durotomy in Primary Lumbar Spinal Surgery. <i>Spine</i> , 2014, 39, E593-E598.	2.0	10
33	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.	1.2	10
34	Analysis of Culture Positive First and Second Stage Procedures in Periprosthetic Knee and Hip Joint Infections. <i>Journal of Arthroplasty</i> , 2021, 36, 2158-2164.	3.1	10
35	Clinical results of conservative versus operative treatment of acromial and scapular spine fractures following reverse total shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 2076-2081.	2.6	10
36	Dalbavancin in Gram-positive periprosthetic joint infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2274-2277.	3.0	10

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37	Symptomatic heterotopic bone formation after rhBMP-2 utilization in lateral lumbar interbody fusion. <i>Spine Journal</i> , 2013, 13, 1411-1412.	1.3	7
38	Biomechanical and Clinical Evaluation of the Optimal Arm Position After Rotator Cuff Surgery With an Adjustable Abduction Brace. <i>Orthopedics</i> , 2021, 44, e1-e6.	1.1	6
39	Paresis of the L5 nerve root after reduction of low-grade lumbosacral dysplastic spondylolisthesis. <i>Journal of Pediatric Orthopaedics Part B</i> , 2014, 23, 461-466.	0.6	4
40	Differential microbiological spectrum and resistance pattern in periprosthetic hip joint infections: a matched-cohort analysis comparing direct anterior versus lateral approach. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 72.	1.9	4
41	Recovery After Cervical Decompression Surgery for the Treatment of Crowned Dens Syndrome Causing Progressive Neurological Decline: A Case Report. <i>HSS Journal</i> , 2014, 10, 83-87.	1.7	3
42	Axial pelvic tilt in direct anterior Total hip Arthroplasty using a traction table. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 803.	1.9	3
43	Analysis of Failed Two-Stage Procedures with Resection Arthroplasty as the First Stage in Periprosthetic Hip Joint Infections. <i>Journal of Clinical Medicine</i> , 2021, 10, 5180.	2.4	3
44	Nerve Injury and Recovery After Lateral Lumbar Interbody Fusion With and Without Bone Morphogenetic Protein-2 Augmentation: A Cohort Controlled Study. <i>Spine Journal</i> , 2013, 13, S18.	1.3	2
45	Cervical Stenosis in a Patient with Arthrogryposis: Case Report. <i>Evidence-based Spine-care Journal</i> , 2014, 05, 057-062.	0.9	2
46	Reconstruction of Proximal Metaphyseal Femoral Defects Using Trabecular Metal Augments in Revision Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2021, 8, 216-221.	1.6	2
47	Magnetic Resonance Arthrographic Findings After Hip Labrum Resection Versus Refixation. <i>Orthopedics</i> , 2021, 44, e607-e613.	1.1	2
48	How is spinal range of motion affected by disc- and facet degeneration and spinopelvic anatomy?. <i>North American Spine Society Journal (NASSJ)</i> , 2021, 7, 100076.	0.5	2
49	Sciatic Neuritis After Lumbar Decompression Surgery. <i>Spine</i> , 2013, 38, E687-E689.	2.0	1
50	C1-C2 instability with severe occipital headache in the setting of vertebral artery facet complex erosion. <i>European Spine Journal</i> , 2014, 23, 145-149.	2.2	1
51	Reply to the Letter to the Editor of M. Avellanal concerning: "Cost-effectiveness of conservative versus surgical treatment strategies of lumbar spinal stenosis in the Swiss setting: analysis of the prospective multicenter Lumbar Stenosis Outcome Study (LSOS)" by A. Aichmair et al. (<i>Eur Spine J</i> ; 2016.)	2.2	0