

Christof Birkenmaier

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

775
citations

623188

14
h-index

552369

26
g-index

61
all docs

61
docs citations

61
times ranked

871
citing authors

#	ARTICLE	IF	CITATIONS
1	The current state of endoscopic disc surgery: review of controlled studies comparing full-endoscopic procedures for disc herniations to standard procedures. <i>Pain Physician</i> , 2013, 16, 335-44.	0.3	88
2	<i>Propionibacterium acnes</i> biofilm is present in intervertebral discs of patients undergoing microdiscectomy. <i>PLoS ONE</i> , 2017, 12, e0174518.	1.1	81
3	Survival and prognostic factors in conventional central chondrosarcoma. <i>BMC Cancer</i> , 2018, 18, 849.	1.1	66
4	Prevalence of <i>Propionibacterium acnes</i> in Intervertebral Discs of Patients Undergoing Lumbar Microdiscectomy: A Prospective Cross-Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0161676.	1.1	63
5	Aneurysmal bone cyst: results of an off label treatment with Denosumab. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 456.	0.8	43
6	Normal development of the hip: a geometrical analysis based on planimetric radiography. <i>Journal of Pediatric Orthopaedics Part B</i> , 2010, 19, 1-8.	0.3	41
7	Aneurysmal bone cyst: A review of 65 patients. <i>Journal of Bone Oncology</i> , 2019, 18, 100255.	1.0	37
8	A review of microscopy-based evidence for the association of <i>Propionibacterium acnes</i> biofilms in degenerative disc disease and other diseased human tissue. <i>European Spine Journal</i> , 2019, 28, 2951-2971.	1.0	28
9	The Effect of Resection Margin on Local Recurrence and Survival in High Grade Soft Tissue Sarcoma of the Extremities: How Far Is Far Enough?. <i>Cancers</i> , 2020, 12, 2560.	1.7	25
10	Meniscectomy leads to early changes in the mineralization distribution of subchondral bone plate. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 112-119.	2.3	24
11	The effects of radiosynoviorthesis in pigmented villonodular synovitis of the knee. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 623-627.	1.3	23
12	Modulation of the Endotoxin Receptor (CD14) in Septic Patients. <i>Journal of Trauma</i> , 1992, 32, 473-479.	2.3	21
13	An Evaluation of Medications Commonly Used for Epidural Neurolysis Procedures in a Human Fibroblast Cell Culture Model. <i>Regional Anesthesia and Pain Medicine</i> , 2011, 36, 140-144.	1.1	17
14	Survival and prognostic factors in conventional G1 chondrosarcoma. <i>World Journal of Surgical Oncology</i> , 2019, 17, 155.	0.8	16
15	Clear cell chondrosarcoma is an underestimated tumor: Report of 7 cases and meta-analysis of the literature. <i>Journal of Bone Oncology</i> , 2019, 19, 100267.	1.0	15
16	Modification of PMMA vertebroplasty cement for reduced stiffness by addition of normal saline: a material properties evaluation. <i>European Spine Journal</i> , 2017, 26, 3209-3215.	1.0	14
17	Pro-Inflammatory and Neurotrophic Factor Responses of Cells Derived from Degenerative Human Intervertebral Discs to the Opportunistic Pathogen <i>Cutibacterium acnes</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2347.	1.8	14
18	Intervertebral disc penetration by antibiotics used prophylactically in spinal surgery: implications for the current standards and treatment of disc infections. <i>European Spine Journal</i> , 2019, 28, 783-791.	1.0	13

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19	Relative Sensitivity of Core-Needle Biopsy and Incisional Biopsy in the Diagnosis of Musculoskeletal Sarcomas. <i>Cancers</i> , 2021, 13, 1393.	1.7	13
20	The European multicenter trial on the safety and efficacy of guided oblique lumbar interbody fusion (GO-LIF). <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 199.	0.8	12
21	Effects of Whole Body Vibration Therapy and Classic Physiotherapy on Postural Stability in People With Back Pain. <i>Clinical Spine Surgery</i> , 2019, 32, E214-E220.	0.7	11
22	The current state of endoscopic disc surgery: review of controlled studies comparing full-endoscopic procedures for disc herniations to standard procedures. <i>Ortopediia, Tramatologii i Protezirovanie</i> , 2014, .	0.0	11
23	Primary bone lymphoma: Clinical presentation and therapeutic considerations. <i>Journal of Bone Oncology</i> , 2020, 25, 100326.	1.0	10
24	A biomechanical evaluation of the epidural neurolysis procedure. <i>Pain Physician</i> , 2012, 15, E89-97.	0.3	10
25	Lowering the recurrence rate in pigmented villonodular synovitis: A series of 120 resections. <i>Rheumatology</i> , 2018, 57, 1448-1452.	0.9	9
26	Amputation for Extremity Sarcoma: Indications and Outcomes. <i>Cancers</i> , 2021, 13, 5125.	1.7	9
27	Acute Paraplegia After Vertebroplasty Caused by Epidural Hemorrhage. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 1827-1831.	1.4	7
28	The Influence of WB-EMS-Training on the Performance of Ice Hockey Players of Different Competitive Status. <i>Frontiers in Physiology</i> , 2019, 10, 1136.	1.3	7
29	Physiologic and Pathologic Development of the Infantile and Adolescent Hip Joint: Descriptive and Functional Aspects. <i>Seminars in Musculoskeletal Radiology</i> , 2019, 23, 477-488.	0.4	6
30	Is the EOS imaging system as accurate as conventional radiography in grading osteoarthritis of the knee?. <i>European Radiology</i> , 2021, 31, 3491-3497.	2.3	5
31	Lumbar burner and stinger syndrome in an elderly athlete. <i>Korean Journal of Pain</i> , 2018, 31, 54-57.	0.8	4
32	Technique and results after immediate orthotopic replantation of extracorporeally irradiated tumor bone autografts with and without fibular augmentation in extremity tumors. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 750.	0.8	4
33	Guidelines for percutaneous endoscopic spinal surgery. <i>Ortopediia, Tramatologii i Protezirovanie</i> , 2014, .	0.0	4
34	Sarcomas of the extremities and the pelvis: comparing local recurrence after incisional and after core-needle biopsy. <i>World Journal of Surgical Oncology</i> , 2022, 20, 14.	0.8	4
35	Slow correction of severe spastic hyperlordosis in an adult by means of magnetically expandable rods. <i>European Spine Journal</i> , 2018, 27, 1671-1678.	1.0	3
36	Letters. <i>Spine</i> , 2008, 33, 576.	1.0	2

#	ARTICLE	IF	CITATIONS
37	“Kissing Nail Technique” for the exchange of intramedullary implants in adjacent peri-implant fractures. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2017, 51, 488-491.	0.3	2
38	Fracture generation in human vertebrae under compression loading: The influence of pedicle preservation and bone mineral density on in vitro fracture behavior. <i>Technology and Health Care</i> , 2018, 26, 155-163.	0.5	2
39	Letter to the Editor concerning “Bacteria: back pain, leg pain and Modic sign: a surgical multicenter comparative study” by Fritzell, P., Welinder-Olsson, C., JÄnsson, B. et al. <i>Eur Spine J</i> (2019). <i>European Spine Journal</i> , 2020, 29, 628-630.	1.0	2
40	Influence of different fixation methods on the fracture force of osteoporotic human lumbar vertebral bodies in the generation of vertebral compression fractures. <i>Technology and Health Care</i> , 2021, 29, 589-594.	0.5	2
41	Intravertebral neotrabecularization as an expression of focal load transfer by a keel-design lumbar total disc arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 1481-1484.	1.3	1
42	Miscectomy: indications, procedure, outcomes, and rehabilitation. <i>Orthopedic Research and Reviews</i> , 2013, , 1.	0.7	1
43	Functional Results After Oncological Scapula Resections. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, , .	1.2	1
44	Akuter WirbelsÄulenschmerz. , 2013, , 602-613.		1
45	Initiative on #4openScienceStandsForUkraine scientists and students. <i>4open</i> , 2022, 5, E2.	0.1	1
46	Letters to the Editor: A Comparison of Digital Cameras: Features Essential for the Orthopaedic Surgeon. <i>Clinical Orthopaedics and Related Research</i> , 2004, 428, 308.	0.7	0
47	How to connect a pedicle screw construct to a Ransford Loop: technical note. <i>European Spine Journal</i> , 2010, 19, 147-149.	1.0	0
48	Wollaton Hall. <i>Spine</i> , 2014, 39, i.	1.0	0
49	Sacroiliac Coalition: First Description and Report of a Successful Resection. <i>Global Spine Journal</i> , 2015, 5, 48-51.	1.2	0
50	Letter to the Editor on: “Sterile Seroma Resulting from Multilevel XLIF Procedure as Possible Adverse Effect of Prophylactic Vancomycin Powder: A Case Report” (Evid Based Spine Care J 2014;5(2):127-133). <i>Global Spine Journal</i> , 2015, 5, 259-260.	1.2	0
51	Letter to the Editor concerning “Rehydration of a degenerated disc on MRI synchronized with transition of Modic changes following stand-alone XLIF” by K. Kita, T. Sakai, M. Abe, Y. Takata and K. Saiyo (<i>Eur Spine J</i> ; 2017. doi:10.1007/s00586-017-4945-6). <i>European Spine Journal</i> , 2017, 26, 1789-1789.	1.0	0
52	Letter to the Editor concerning “Minimally invasive surgery procedure in isthmic spondylolisthesis” by F.C. Tamburrelli et al. (<i>Eur Spine J</i> ; 2018: doi:10.1007/s00586-018-5627-8). <i>European Spine Journal</i> , 2018, 27, 2053-2054.	1.0	0