

Jörg Goldhahn

List of Publications by Year in descending order

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86
papers

4,421
citations

87843

38
h-index

106281

65
g-index

94
all docs

94
docs citations

94
times ranked

4548
citing authors

#	ARTICLE	IF	CITATIONS
1	Measures of adult shoulder function: Disabilities of the Arm, Shoulder, and Hand Questionnaire (DASH) and Its Short Version (<i>Quick</i>DASH), Shoulder Pain and Disability Index (SPADI), American Shoulder and Elbow Surgeons (ASES) Society Standardized Shoulder Assessment Form, Constant (Murley) Score (CS), Simple Shoulder Test (SST), Oxford Shoulder Score (OSS), Shoulder Disability Questionnaire (SDO), and Western Ontario Shoulder Instability Index (WOSI). <i>Arthritis Care and Research</i> , 2011, 63, S174-88.	1.5	447
2	Distal humerus fractures in elderly patients: results after open reduction and internal fixation. <i>Osteoporosis International</i> , 2005, 16, S73-S79.	1.3	200
3	Age- and Gender-Specific Normative Data of Grip and Pinch Strength in a Healthy Adult Swiss Population. <i>Journal of Hand Surgery: European Volume</i> , 2009, 34, 76-84.	0.5	189
4	Return to Sports and Recreational Activity after Unicompartmental Knee Arthroplasty. <i>American Journal of Sports Medicine</i> , 2007, 35, 1688-1695.	1.9	188
5	Prediction of grip and key pinch strength in 978 healthy subjects. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 94.	0.8	147
6	Effect of cortical thickness and cancellous bone density on the holding strength of internal fixator screws. <i>Journal of Orthopaedic Research</i> , 2004, 22, 1237-1242.	1.2	141
7	Reverse shoulder arthroplasty as a salvage procedure for failed conventional shoulder replacement due to cuff failureâ€”midterm results. <i>International Orthopaedics</i> , 2011, 35, 53-60.	0.9	138
8	Identifying a standard set of outcome parameters for the evaluation of orthogeriatric co-management for hip fractures. <i>Injury</i> , 2013, 44, 1403-1412.	0.7	114
9	Rupture of the subscapularis tendon (isolated or in combination with supraspinatus tear): When is a repair indicated?. <i>Journal of Shoulder and Elbow Surgery</i> , 2006, 15, 659-664.	1.2	112
10	Influence of osteoporosis on fracture fixation - a systematic literature review. <i>Osteoporosis International</i> , 2008, 19, 761-772.	1.3	112
11	Mechanical boundary conditions of fracture healing: borderline indications in the treatment of unreamed tibial nailing. <i>Journal of Biomechanics</i> , 2001, 34, 639-650.	0.9	111
12	Implications for Fracture Healing of Current and New Osteoporosis Treatments: An ESCEO Consensus Paper. <i>Calcified Tissue International</i> , 2012, 90, 343-353.	1.5	111
13	Responsiveness of six outcome assessment instruments in total shoulder arthroplasty. <i>Arthritis and Rheumatism</i> , 2008, 59, 391-398.	6.7	110
14	Biomechanical evaluation of healing in a non-critical defect in a large animal model of osteoporosis. <i>Journal of Orthopaedic Research</i> , 2003, 21, 836-842.	1.2	100
15	Does Pure Platelet-Rich Plasma Affect Postoperative Clinical Outcomes After Arthroscopic Rotator Cuff Repair?. <i>American Journal of Sports Medicine</i> , 2016, 44, 2136-2146.	1.9	97
16	Balloon kyphoplasty and vertebroplasty in the management of vertebral compression fractures. <i>Osteoporosis International</i> , 2011, 22, 2915-2934.	1.3	87
17	Bone Changes due to Glucocorticoid Application in an Ovariectomized Animal Model for Fracture Treatment in Osteoporosis. <i>Osteoporosis International</i> , 2002, 13, 407-414.	1.3	83
18	Implant stability is affected by local bone microstructural quality. <i>Bone</i> , 2011, 49, 473-478.	1.4	83

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19	Could artificial intelligence make doctors obsolete?. BMJ: British Medical Journal, 2018, 363, k4563.	2.4	83
20	Sports Activity after Anatomical Total Shoulder Arthroplasty. American Journal of Sports Medicine, 2010, 38, 2097-2105.	1.9	76
21	Recommendation for measuring clinical outcome in distal radius fractures: a core set of domains for standardized reporting in clinical practice and research. Archives of Orthopaedic and Trauma Surgery, 2014, 134, 197-205.	1.3	75
22	The Influence of Local Bone Density on the Outcome of One Hundred and Fifty Proximal Humeral Fractures Treated with a Locking Plate. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1026-1032.	1.4	67
23	Key factors for a successful National Arthroplasty Register. Journal of Bone and Joint Surgery: British Volume, 2007, 89-B, 1567-1573.	3.4	66
24	Impact of Bone Density on Distal Radius Fracture Patterns and Comparison between Five Different Fracture Classifications. Journal of Orthopaedic Trauma, 2003, 17, 271-278.	0.7	65
25	How sharp is the short QuickDASH? A refined content and validity analysis of the short form of the disabilities of the shoulder, arm and hand questionnaire in the strata of symptoms and function and specific joint conditions. Quality of Life Research, 2009, 18, 1043-1051.	1.5	62
26	Determinants of Patient Satisfaction After Orthopedic Interventions to the Hand: A Review of the Literature. Journal of Hand Therapy, 2011, 24, 303-312.e10.	0.7	59
27	Clinical evaluation of medicinal products for acceleration of fracture healing in patients with osteoporosis. Bone, 2008, 43, 343-347.	1.4	57
28	What Counts: Outcome Assessment After Distal Radius Fractures in Aged Patients. Journal of Orthopaedic Trauma, 2008, 22, S126-S130.	0.7	53
29	Implications of artificial intelligence for medical education. The Lancet Digital Health, 2020, 2, e111-e112.	5.9	53
30	Mechanical performance of cylindrical and dual core pedicle screws in calf and human vertebrae. Archives of Orthopaedic and Trauma Surgery, 2006, 126, 686-694.	1.3	49
31	Comprehensive assessment of clinical outcome and quality of life after resection interposition arthroplasty of the thumb saddle joint. Arthritis and Rheumatism, 2005, 53, 205-213.	6.7	46
32	Assessment of bone quality in the proximal humerus by measurement of the contralateral site: a cadaveric analyze. Archives of Orthopaedic and Trauma Surgery, 2006, 126, 93-100.	1.3	46
33	Evidence for anti-osteoporosis therapy in acute fracture situationsâ€”Recommendations of a multidisciplinary workshop of the International Society for Fracture Repair. Bone, 2010, 46, 267-271.	1.4	45
34	Treatment strategies for periprosthetic infections after primary elbow arthroplasty. Journal of Shoulder and Elbow Surgery, 2012, 21, 992-1000.	1.2	45
35	Outcome measures and their measurement properties for trapeziometacarpal osteoarthritis: a systematic literature review. Journal of Hand Surgery: European Volume, 2013, 38, 822-838.	0.5	44
36	Lessons learned during the cross-cultural adaptation of the American Shoulder and Elbow Surgeons shoulder form into German. Journal of Shoulder and Elbow Surgery, 2008, 17, 248-254.	1.2	42

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37	A sheep model for fracture treatment in osteoporosis: Benefits of the model versus animal welfare. <i>Laboratory Animals</i> , 2008, 42, 453-464.	0.5	40
38	Deltoid flap reconstruction for massive rotator cuff tears: Mid- and long-term functional and structural results. <i>Journal of Shoulder and Elbow Surgery</i> , 2010, 19, 439-445.	1.2	39
39	A concept for comprehensively measuring health, function and quality of life following orthopaedic interventions of the upper extremity. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 113-118.	1.3	38
40	Influence of Screw Positioning in a New Anterior Spine Fixator on Implant Loosening in Osteoporotic Vertebrae. <i>Spine</i> , 2006, 31, 406-413.	1.0	37
41	How to document and report orthopedic complications in clinical studies? A proposal for standardization. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 269-275.	1.3	36
42	Revealing the interplay of bone and cartilage in osteoarthritis through multimodal imaging of murine joints. <i>Bone</i> , 2009, 45, 414-422.	1.4	31
43	Slow Rebound of Cancellous Bone After Mainly Steroid-Induced Osteoporosis in Ovariectomized Sheep. <i>Journal of Orthopaedic Trauma</i> , 2005, 19, 23-28.	0.7	29
44	Does Weber's rotation osteotomy induce degenerative joint disease at the shoulder in the long term?. <i>Journal of Shoulder and Elbow Surgery</i> , 2007, 16, 735-741.	1.2	29
45	Three-Dimensional Kinematics of an Unconstrained Ankle Arthroplasty: A Preliminary <i>In Vivo</i> Videofluoroscopic Feasibility Study. <i>Foot and Ankle International</i> , 2012, 33, 883-892.	1.1	27
46	Osseointegration of hollow cylinder based spinal implants in normal and osteoporotic vertebrae: a sheep study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2006, 126, 554-561.	1.3	26
47	Responsiveness of five outcome measurement instruments in total elbow arthroplasty. <i>Arthritis Care and Research</i> , 2012, 64, 1749-1755.	1.5	26
48	A Practical Guide to Research: Design, Execution, and Publication. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, S1-S112.	1.3	25
49	How the new European regulation on medical devices will affect innovation. <i>Nature Biomedical Engineering</i> , 2020, 4, 585-590.	11.6	23
50	Voxel size dependency, reproducibility and sensitivity of an <i>in vivo</i> bone loading estimation algorithm. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20150991.	1.5	22
51	Does osteoporosis increase complication risk in surgical fracture treatment? A protocol combining new endpoints for two prospective multicentre open cohort studies. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 256.	0.8	21
52	Dorsal scapholunate ligament reconstruction using a periosteal flap of the iliac crest. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2004, 124, 197-202.	1.3	20
53	Critical Issues in Translational and Clinical Research for the Study of New Technologies to Enhance Bone Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 43-47.	1.4	20
54	Improved anchorage in osteoporotic vertebrae with new implant designs. <i>Journal of Orthopaedic Research</i> , 2006, 24, 917-925.	1.2	18

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55	Surgery Insight: orthopedic treatment options in rheumatoid arthritis. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 266-273.	3.2	18
56	The comparison of the performance of 3â€T and 7â€T T2 mapping for untreated low-grade cartilage lesions. <i>Magnetic Resonance Imaging</i> , 2019, 55, 86-92.	1.0	17
57	Development of a predictive model for estimating the probability of treatment success one year after total shoulder replacement â€ cohort study. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 631-634.	0.6	15
58	Changes in surgical intervention patterns in rheumatoid arthritis over 10 years in one centre. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1372-1373.	0.5	15
59	Mechanical stability in a human radius fracture treated with a novel tissue-engineered bone substitute: a non-invasive, longitudinal assessment using high-resolution pQCT in combination with finite element analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 415-420.	1.3	15
60	Usefulness of concomitant biceps tenodesis in total shoulder arthroplasty: A prospective cohort study. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 921-924.	1.2	14
61	Cortical porosity of the mandible in an osteoporotic sheep model. <i>Clinical Oral Implants Research</i> , 2011, 22, 500-505.	1.9	14
62	Packagingâ€”A Problem for Patients with Hand Disorders? A Cross-sectional Study on the Forces Applied to Packaging Tear Tabs. <i>Journal of Hand Therapy</i> , 2012, 25, 387-396.	0.7	14
63	Microstructural adaptation in trapezial bone due to subluxation of the thumb. <i>Journal of Orthopaedic Research</i> , 2008, 26, 208-216.	1.2	13
64	Multilingual cross-cultural adaptation of the patient-rated wrist evaluation (PRWE) into Czech, French, Hungarian, Italian, Portuguese (Brazil), Russian and Ukrainian. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013, 133, 589-593.	1.3	13
65	Predicting Subjective Recovery from Lower Limb Surgery Using Consumer Wearables. <i>Digital Biomarkers</i> , 2021, 4, 73-86.	2.2	13
66	Long-term survival of GSB III elbow prostheses and risk factors for revisions. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013, 133, 1415-1424.	1.3	12
67	Osteoporotic fracture fixation â€ a biomechanical perspective. <i>Injury</i> , 2016, 47, S1-S2.	0.7	11
68	Does Activin Receptor Blockade by Bimagrumab (BYM338) Pose Detrimental Effects on Bone Healing in a Rat Fibula Osteotomy Model?. <i>Calcified Tissue International</i> , 2016, 99, 310-321.	1.5	10
69	Parameters Pointing at an Increased Risk for Contralateral Hip Fractures. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2016, 7, 45-61.	0.6	8
70	Trabecular Bone Structures in the Edentulous Diastema of Osteoporotic Sheep. <i>Journal of Dental Research</i> , 2008, 87, 866-870.	2.5	7
71	Survivorship of second-generation metal-on-metal primary total hip replacement. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 527-533.	1.3	7
72	Development of a score set to measure function and quality of life in patients suffering from elbow pathology. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 831-837.	1.3	7

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73	Biomechanical testing of rectangular humeral shaft prosthesis: higher torsional stability without increased fracture risk. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 267-273.	1.3	6
74	Need for Digital Biomarkers in Musculoskeletal Trials. Digital Biomarkers, 2017, 1, 82-86.	2.2	6
75	Functional staging and surgical intervention of the elbow and shoulder joints in a patient with rheumatoid arthritis. Nature Clinical Practice Rheumatology, 2007, 3, 112-117.	3.2	5
76	Isoforce: A new outrigger system for static progressive orthotic interventions of the proximal interphalangeal joint with constant force transmission—Results of a biomechanical study. Journal of Hand Therapy, 2016, 29, 451-458.	0.7	4
77	Quantification of histomorphometric and structural bone changes in a sheep model for fracture treatment in osteoporotic bone. Veterinary and Comparative Orthopaedics and Traumatology, 2003, 16, 243-249.	0.2	2
78	Osteoporotic fracture management: closing the gap of knowledge. Archives of Orthopaedic and Trauma Surgery, 2006, 127, 1-2.	1.3	2
79	Wrist Fractures in Osteoporotic Patients. Journal of Orthopaedic Trauma, 2008, 22, S57-S58.	0.7	1
80	Significant Differences Between Local Reporting and Central Assessment of Radiographic Complications in a Prospective, Multicenter Study About Locking Plate Fixation of Proximal Humerus Fractures. Journal of Orthopaedic Trauma, 2016, 30, e336-e339.	0.7	1
81	Ultrasound melted polymer sleeve for improved screw anchorage in trabecular bone—A novel screw augmentation technique. Clinical Biomechanics, 2016, 33, 79-83.	0.5	1
82	Expert Consensus on Predictive Parameters for the Occurrence of a Fall and a Contralateral Hip Fracture 1 and 3 Years After Hip Fracture: A Delphi Survey. Geriatric Orthopaedic Surgery and Rehabilitation, 2017, 8, 94-98.	0.6	1
83	Longitudinal assessment of cartilage composition by high-field MRI in patients with low-grade knee cartilage injury. Osteoarthritis and Cartilage, 2019, 27, S335.	0.6	1
84	Non-invasive assessments of cartilage macromolecular composition in patients with acute cartilage injury. Osteoarthritis and Cartilage, 2016, 24, S302-S303.	0.6	0
85	Virtual supersampling as post-processing step preserves the trabecular bone morphometry in human peripheral quantitative computed tomography scans. PLoS ONE, 2019, 14, e0212280.	1.1	0
86	Begleitende Messungen zur Qualitätssicherung bei Ellenbogenprothetik. , 2013, , 217-227.		0