

# 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	Predicting Subjective Recovery from Lower Limb Surgery Using Consumer Wearables. Digital Biomarkers, 2021, 4, 73-86.	2.2	13
2	How the new European regulation on medical devices will affect innovation. Nature Biomedical Engineering, 2020, 4, 585-590.	11.6	23
3	Implications of artificial intelligence for medical education. The Lancet Digital Health, 2020, 2, e111-e112.	5.9	53
4	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
5	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
6	The comparison of the performance of 3â€T and 7â€T T2 mapping for untreated low-grade cartilage lesions. Magnetic Resonance Imaging, 2019, 55, 86-92.	1.0	17
7	Could artificial intelligence make doctors obsolete?. BMJ: British Medical Journal, 2018, 363, k4563.	2.4	83
8	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
9	Need for Digital Biomarkers in Musculoskeletal Trials. Digital Biomarkers, 2017, 1, 82-86.	2.2	6
10	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
11	Does Pure Platelet-Rich Plasma Affect Postoperative Clinical Outcomes After Arthroscopic Rotator Cuff Repair?. American Journal of Sports Medicine, 2016, 44, 2136-2146.	1.9	97
12	Osteoporotic fracture fixation â€ a biomechanical perspective. Injury, 2016, 47, S1-S2.	0.7	11
13	Isoforce: A new outrigger system for static progressive orthotic interventions of the proximal interphalangeal joint with constant force transmissionâ€Results of a biomechanical study. Journal of Hand Therapy, 2016, 29, 451-458.	0.7	4
14	Non-invasive assessments of cartilage macromolecular composition in patients with acute cartilage injury. Osteoarthritis and Cartilage, 2016, 24, S302-S303.	0.6	0
15	Does Activin Receptor Blockade by Bimagrumab (BYM338) Pose Detrimental Effects on Bone Healing in a Rat Fibula Osteotomy Model?. Calcified Tissue International, 2016, 99, 310-321.	1.5	10
16	Voxel size dependency, reproducibility and sensitivity of an <i>in vivo</i> bone loading estimation algorithm. Journal of the Royal Society Interface, 2016, 13, 20150991.	1.5	22
17	Parameters Pointing at an Increased Risk for Contralateral Hip Fractures. Geriatric Orthopaedic Surgery and Rehabilitation, 2016, 7, 45-61.	0.6	8
18	Ultrasound melted polymer sleeve for improved screw anchorage in trabecular boneâ€A novel screw augmentation technique. Clinical Biomechanics, 2016, 33, 79-83.	0.5	1

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19	The Influence of Local Bone Density on the Outcome of One Hundred and Fifty Proximal Humeral Fractures Treated with a Locking Plate. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1026-1032.	1.4	67
20	Recommendation for measuring clinical outcome in distal radius fractures: a core set of domains for standardized reporting in clinical practice and research. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 197-205.	1.3	75
21	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
22	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
23	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
24	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
25	Outcome measures and their measurement properties for trapeziometacarpal osteoarthritis: a systematic literature review. <i>Journal of Hand Surgery: European Volume</i> , 2013, 38, 822-838.	0.5	44
26	Begleitende Messungen zur Qualitätssicherung bei Ellenbogenprothetik. , 2013, , 217-227.		0
27	Three-Dimensional Kinematics of an Unconstrained Ankle Arthroplasty: A Preliminary In Vivo Videofluoroscopic Feasibility Study. <i>Foot and Ankle International</i> , 2012, 33, 883-892.	1.1	27
28	Responsiveness of five outcome measurement instruments in total elbow arthroplasty. <i>Arthritis Care and Research</i> , 2012, 64, 1749-1755.	1.5	26
29	Treatment strategies for periprosthetic infections after primary elbow arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 992-1000.	1.2	45
30	Packaging – 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
31	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
32	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
33	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
34	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
35	Implant stability is affected by local bone microstructural quality. <i>Bone</i> , 2011, 49, 473-478.	1.4	83
36	Cortical porosity of the mandible in an osteoporotic sheep model. <i>Clinical Oral Implants Research</i> , 2011, 22, 500-505.	1.9	14

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37	Determinants of Patient Satisfaction After Orthopedic Interventions to the Hand: A Review of the Literature. <i>Journal of Hand Therapy</i> , 2011, 24, 303-312.e10.	0.7	59
38	Biomechanical testing of rectangular humeral shaft prosthesis: higher torsional stability without increased fracture risk. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 267-273.	1.3	6
39	Reverse shoulder arthroplasty as a salvage procedure for failed conventional shoulder replacement due to cuff failure—midterm results. <i>International Orthopaedics</i> , 2011, 35, 53-60.	0.9	138
40	Balloon kyphoplasty and vertebroplasty in the management of vertebral compression fractures. <i>Osteoporosis International</i> , 2011, 22, 2915-2934.	1.3	87
41	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
42	Measures of adult shoulder function: Disabilities of the Arm, Shoulder, and Hand Questionnaire (DASH) and Its Short Version (QuickDASH), 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 (SDQ), and Western Ontario Shoulder Instability Index (WOSI). <i>Arthritis Care and Research</i> , 2011, 63, S174-88.	1.5	447
43	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
44	Prediction of grip and key pinch strength in 978 healthy subjects. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 94.	0.8	147
45	Sports Activity after Anatomical Total Shoulder Arthroplasty. <i>American Journal of Sports Medicine</i> , 2010, 38, 2097-2105.	1.9	76
46	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
47	Evidence for anti-osteoporosis therapy in acute fracture situations—Recommendations of a multidisciplinary workshop of the International Society for Fracture Repair. <i>Bone</i> , 2010, 46, 267-271.	1.4	45
48	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
49	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
50	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. <i>Quality of Life Research</i> , 2009, 18, 1043-1051.	1.5	62
51	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
52	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
53	Influence of osteoporosis on fracture fixation - a systematic literature review. <i>Osteoporosis International</i> , 2008, 19, 761-772.	1.3	112
54	Microstructural adaptation in trapezial bone due to subluxation of the thumb. <i>Journal of Orthopaedic Research</i> , 2008, 26, 208-216.	1.2	13

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55	Responsiveness of six outcome assessment instruments in total shoulder arthroplasty. <i>Arthritis and Rheumatism</i> , 2008, 59, 391-398.	6.7	110
56	Development of a predictive model for estimating the probability of treatment success one year after total shoulder replacement – cohort study. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 631-634.	0.6	15
57	Lessons learned during the cross-cultural adaptation of the American Shoulder and Elbow Surgeons shoulder form into German. <i>Journal of Shoulder and Elbow Surgery</i> , 2008, 17, 248-254.	1.2	42
58	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
59	Clinical evaluation of medicinal products for acceleration of fracture healing in patients with osteoporosis. <i>Bone</i> , 2008, 43, 343-347.	1.4	57
60	Trabecular Bone Structures in the Edentulous Diastema of Osteoporotic Sheep. <i>Journal of Dental Research</i> , 2008, 87, 866-870.	2.5	7
61	Surgery Insight: orthopedic treatment options in rheumatoid arthritis. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 266-273.	3.2	18
62	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
63	What Counts: Outcome Assessment After Distal Radius Fractures in Aged Patients. <i>Journal of Orthopaedic Trauma</i> , 2008, 22, S126-S130.	0.7	53
64	Wrist Fractures in Osteoporotic Patients. <i>Journal of Orthopaedic Trauma</i> , 2008, 22, S57-S58.	0.7	1
65	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
66	Functional staging and surgical intervention of the elbow and shoulder joints in a patient with rheumatoid arthritis. <i>Nature Clinical Practice Rheumatology</i> , 2007, 3, 112-117.	3.2	5
67	Return to Sports and Recreational Activity after Unicompartmental Knee Arthroplasty. <i>American Journal of Sports Medicine</i> , 2007, 35, 1688-1695.	1.9	188
68	Key factors for a successful National Arthroplasty Register. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2007, 89-B, 1567-1573.	3.4	66
69	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
70	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
71	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
72	Assessment of bone quality in the proximal humerus by measurement of the contralateral site: a cadaveric analyze. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2006, 126, 93-100.	1.3	46

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73	Osseointegration of hollow cylinder based spinal implants in normal and osteoporotic vertebrae: a sheep study. Archives of Orthopaedic and Trauma Surgery, 2006, 126, 554-561.	1.3	26
74	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
75	Osteoporotic fracture management: closing the gap of knowledge. Archives of Orthopaedic and Trauma Surgery, 2006, 127, 1-2.	1.3	2
76	Improved anchorage in osteoporotic vertebrae with new implant designs. Journal of Orthopaedic Research, 2006, 24, 917-925.	1.2	18
77	Slow Rebound of Cancellous Bone After Mainly Steroid-Induced Osteoporosis in Ovariectomized Sheep. Journal of Orthopaedic Trauma, 2005, 19, 23-28.	0.7	29
78	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
79	Distal humerus fractures in elderly patients: results after open reduction and internal fixation. Osteoporosis International, 2005, 16, S73-S79.	1.3	200
80	Dorsal scapholunate ligament reconstruction using a periosteal flap of the iliac crest. Archives of Orthopaedic and Trauma Surgery, 2004, 124, 197-202.	1.3	20
81	Effect of cortical thickness and cancellous bone density on the holding strength of internal fixator screws. Journal of Orthopaedic Research, 2004, 22, 1237-1242.	1.2	141
82	Biomechanical evaluation of healing in a non-critical defect in a large animal model of osteoporosis. Journal of Orthopaedic Research, 2003, 21, 836-842.	1.2	100
83	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
84	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
85	Bone Changes due to Glucocorticoid Application in an Ovariectomized Animal Model for Fracture Treatment in Osteoporosis. Osteoporosis International, 2002, 13, 407-414.	1.3	83
86	Mechanical boundary conditions of fracture healing: borderline indications in the treatment of unreamed tibial nailing. Journal of Biomechanics, 2001, 34, 639-650.	0.9	111