

# Reinhard Windhager

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177  
papers

2,629  
citations

26  
h-index

44  
g-index

196  
ext. papers

3,588  
ext. citations

4.6  
avg. IF

5.14  
L-index

#	Paper	IF	Citations
177	What sports activity levels can be achieved in the long term after major lower extremity amputation for malignant tumors? - A minimum follow-up of twenty years.. <i>Orthopaedics and Traumatology: Surgery and Research</i> , <b>2022</b> , 103229	2.9	0
176	Implant Reconstruction of the Distal Femur: IIIExpandable Prosthesis <b>2022</b> , 247-252		
175	Recent Advances in Additive Manufacturing and 3D Bioprinting for Organs-On-A-Chip and Microphysiological Systems.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 837087	5.8	4
174	Intermittent parathyroid hormone increases stability and improves osseointegration of initially unstable implants.. <i>Bone and Joint Research</i> , <b>2022</b> , 11, 260-269	4.2	
173	Antimicrobial potential and osteoblastic cell growth on electrochemically modified titanium surfaces with nanotubes and selenium or silver incorporation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8298	4.9	0
172	Nineteen percent of meniscus repairs are being revised and failures frequently occur after the second postoperative year: a systematic review and meta-analysis with a minimum follow-up of 5 years. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2021</b> , 1	5.5	4
171	How Common Are Chronic Residual Limb Pain, Phantom Pain, and Back Pain More Than 20 Years After Lower Limb Amputation for Malignant Tumors?. <i>Clinical Orthopaedics and Related Research</i> , <b>2021</b> , 479, 2036-2044	2.2	0
170	Higher patient knowledge and resilience improve the functional outcome of primary total knee arthroplasty. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 543-549	2.3	2
169	Epiphysiodesis for the treatment of tall stature and leg length discrepancy. <i>Wiener Medizinische Wochenschrift</i> , <b>2021</b> , 171, 133-141	2.9	2
168	Schwann cell plasticity regulates neuroblastic tumor cell differentiation via epidermal growth factor-like protein 8. <i>Nature Communications</i> , <b>2021</b> , 12, 1624	17.4	16
167	Complications, mobility, and quality of life in ankle sarcoma patients. <i>Bone and Joint Journal</i> , <b>2021</b> , 103-B, 553-561	5.6	0
166	N-Glycan profiling of chondrocytes and fibroblast-like synoviocytes: Towards functional glycomics in osteoarthritis. <i>Proteomics - Clinical Applications</i> , <b>2021</b> , 15, e2000057	3.1	2
165	Extra-abdominal desmoid tumor fibromatosis: a multicenter EMSOS study. <i>BMC Cancer</i> , <b>2021</b> , 21, 437	4.8	2
164	Modular megaprotheses in the treatment of periprosthetic fractures of the femur. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 550-559	2.3	2
163	Cross-cultural adaption, translation and validation of the Toronto extremity salvage score (TESS) for patients in German-speaking countries. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 536-542	2.3	0
162	The Vienna morphological Achilles tendon score-VIMATS : Description, reproducibility and initial clinical results. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 560-567	2.3	
161	Specific knowledge and resilience affect short-term outcome in patients following primary total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>2021</b> , 1	3.6	3

160	Alendronate enhances osseointegration in a murine implant model. <i>Journal of Orthopaedic Research</i> , <b>2021</b> , 39, 719-726	3.8	5
159	Inferior performance of established and novel serum inflammatory markers in diagnosing periprosthetic joint infections. <i>International Orthopaedics</i> , <b>2021</b> , 45, 837-846	3.8	9
158	Clinical implementation of accelerated T mapping: Quantitative magnetic resonance imaging as a biomarker for annular tear and lumbar disc herniation. <i>European Radiology</i> , <b>2021</b> , 31, 3590-3599	8	7
157	What sports activity levels are achieved in long-term survivors with modular endoprosthetic humerus reconstruction following primary bone sarcoma resection?. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 14-20	2.3	0
156	The Functional Status of the ACL in Varus OA of the Knee: The Association With Varus Deformity and Coronal Tibiofemoral Subluxation. <i>Journal of Arthroplasty</i> , <b>2021</b> , 36, 501-506	4.4	3
155	Establishment of a human three-dimensional chip-based chondro-synovial coculture joint model for reciprocal cross talk studies in arthritis research. <i>Lab on A Chip</i> , <b>2021</b> , 21, 4128-4143	7.2	5
154	Reply to the Letter to the Editor: Inferior performance of established and novel serum inflammatory markers in diagnosing periprosthetic joint infections. <i>International Orthopaedics</i> , <b>2021</b> , 45, 1117-1119	3.8	
153	Proximal femoral reconstruction with modular megaprotheses in non-oncological patients. <i>International Orthopaedics</i> , <b>2021</b> , 45, 2531-2542	3.8	1
152	In vitro testing of silver-containing spacer in periprosthetic infection management. <i>Scientific Reports</i> , <b>2021</b> , 11, 17261	4.9	
151	Comparison of the 7th and 8th version of the AJCC classification system for soft tissue sarcomas of extremities and trunk in patients with localised, intermediate or high-grade disease treated at European tertiary sarcoma centres. <i>European Journal of Surgical Oncology</i> , <b>2021</b> , 47, 2182-2188	3.6	0
150	Diagnostic accuracy of neutrophil counts in histopathological tissue analysis in periprosthetic joint infection using the ICM, IDSA, and EBJIS criteria. <i>Bone and Joint Research</i> , <b>2021</b> , 10, 536-547	4.2	4
149	Diagnosis and staging of malignant bone tumours in children: what is due and what is new?. <i>Journal of Children's Orthopaedics</i> , <b>2021</b> , 15, 312-321	2.1	0
148	Pseudotumors in Small-Head Metal-on-Metal Total Hip Arthroplasties at a Minimum Follow-Up of 20 Years. <i>Journal of Arthroplasty</i> , <b>2021</b> , 36, 2871-2877	4.4	0
147	Diagnostic accuracy of ultrasound-guided core needle biopsy versus incisional biopsy in soft tissue sarcoma: an institutional experience. <i>Scientific Reports</i> , <b>2021</b> , 11, 17832	4.9	0
146	Results in the surgical treatment of aneurysmal bone cysts—A retrospective data analysis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , <b>2021</b> , 103095	2.9	0
145	Synthetic T-weighted images of the lumbar spine derived from an accelerated T mapping sequence: Comparison to conventional Tw turbo spin echo. <i>Magnetic Resonance Imaging</i> , <b>2021</b> , 84, 92-100	3.3	0
144	Reliability of the MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 knee score for different cartilage repair techniques—a retrospective observational study. <i>European Radiology</i> , <b>2021</b> , 31, 5734-5745	8	2
143	Advanced techniques in amputation surgery and prosthetic technology in the lower extremity. <i>EFORT Open Reviews</i> , <b>2020</b> , 5, 724-741	5.5	2

142	The tibialis posterior tendon footprint: an anatomical dissection study. <i>Journal of Foot and Ankle Research</i> , <b>2020</b> , 13, 25	3.2	5
141	Predicting Total Knee Replacement from Symptomology and Radiographic Structural Change Using Artificial Neural Networks-Data from the Osteoarthritis Initiative (OAI). <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	6
140	Peroneus brevis as source of instability in Jones fracture fixation. <i>International Orthopaedics</i> , <b>2020</b> , 44, 1409-1416	3.8	1
139	Total Hip Arthroplasty Using Imageless Computer-Assisted Navigation-2-Year Follow-Up of a Prospective Randomized Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	4
138	Does a Competing Risk Analysis Show Differences in the Cumulative Incidence of Revision Surgery Between Patients with Oncologic and Non-oncologic Conditions After Distal Femur Replacement?. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 1062-1073	2.2	6
137	Recombinant Human BMP6 Applied Within Autologous Blood Coagulum Accelerates Bone Healing: Randomized Controlled Trial in High Tibial Osteotomy Patients. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1893-1903	6.3	15
136	Chondral and Osteochondral Femoral Cartilage Lesions Treated with GelrinC: Significant Improvement of Radiological Outcome Over Time and Zonal Variation of the Repair Tissue Based on T Mapping at 24 Months. <i>Cartilage</i> , <b>2020</b> , 1947603520926702	3	1
135	Serum cobalt concentrations remain at low levels at a minimum of 20 years following metal-on-metal total hip arthroplasty. <i>Bone and Joint Research</i> , <b>2020</b> , 9, 146-151	4.2	2
134	Long-term impact of sagittal malalignment on hardware after posterior fixation of the thoracolumbar spine: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , <b>2020</b> , 21, 387	2.8	
133	Clinical outcome of posterior-stabilized total knee arthroplasty using an increased flexion gap in patients with preoperative stiffness. <i>Bone and Joint Journal</i> , <b>2020</b> , 102-B, 426-433	5.6	1
132	Expandable distal femur megaprosthesis: A European Musculoskeletal Oncology Society study on 299 cases. <i>Journal of Surgical Oncology</i> , <b>2020</b> , 122, 760	2.8	7
131	Biological Regeneration of Articular Cartilage in an Early Stage of Compartmentalized Osteoarthritis: 12-Month Results. <i>American Journal of Sports Medicine</i> , <b>2020</b> , 48, 1338-1346	6.8	6
130	The role of surgery in soft tissue sarcoma: Can we improve outcome and function towards sporting activities?. <i>Memo - Magazine of European Medical Oncology</i> , <b>2020</b> , 13, 164-168	0.3	0
129	Angiosarcoma of bone: a retrospective study of the European Musculoskeletal Oncology Society (EMSOS). <i>Scientific Reports</i> , <b>2020</b> , 10, 10853	4.9	5
128	The tibial spine sign does not indicate cartilage damage in the central area of the distal lateral femoral condyle. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2020</b> , 28, 2592-2597	5.5	2
127	Biomechanical comparison of knotless vs. knotted suture anchors in the acetabular rim with respect to bone density. <i>Clinical Biomechanics</i> , <b>2020</b> , 74, 21-26	2.2	2
126	Analysis of Running-Related Injuries: The Vienna Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	11
125	Sport and Physical Activity Following Primary Total Knee Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , <b>2020</b> , 35, 2274-2285.e1	4.4	4

124	Radiofrequency Chondroplasty May Not Have A Long-Lasting Effect in the Treatment of Concomitant Grade II Patellar Cartilage Defects in Humans. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
123	Autologous blood coagulum containing rhBMP6 induces new bone formation to promote anterior lumbar interbody fusion (ALIF) and posterolateral lumbar fusion (PLF) of spine in sheep. <i>Bone</i> , <b>2020</b> , 138, 115448	4.7	9
122	Autologous blood coagulum is a physiological carrier for BMP6 to induce new bone formation and promote posterolateral lumbar spine fusion in rabbits. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 14, 147-159	4.4	17
121	Evaluation of Two Types of Intramedullary Jones Fracture Fixation in a Cyclic and Ultimate Load Model. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 911-917	3.8	4
120	Which Factors Are Associated with Local Control and Survival of Patients with Localized Pelvic Ewing's Sarcoma? A Retrospective Analysis of Data from the Euro-EWING99 Trial. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 290-302	2.2	25
119	Accelerated T2 Mapping of the Lumbar Intervertebral Disc: Highly Undersampled K-Space Data for Robust T2 Relaxation Time Measurement in Clinically Feasible Acquisition Times. <i>Investigative Radiology</i> , <b>2020</b> , 55, 695-701	10.1	4
118	Total Hip Arthroplasty after Previous Chiari Pelvic Osteotomy-A Retrospective Study of 301 Dysplastic Hips. <i>Journal of Arthroplasty</i> , <b>2020</b> , 35, 3638-3643	4.4	1
117	Online Videos Provide Poor Information Quality, Reliability, and Accuracy Regarding Rehabilitation and Return to Sport After Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2020</b> , 36, 3037-3047	5.4	7
116	High Revision Rates of a Cementless Beta-Titanium Alloy Stem with Contamination-Free Roughened Surface in Primary Total Hip Arthroplasty. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
115	What Opinions Do Tumor Reconstructive Surgeons Have about Sports Activity after Megaprosthesis Replacement in Hip and Knee? Results of the MoReSports Expert Opinion Online Survey. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
114	Hand X-ray examination in two planes is not required for radiographic assessment of hand osteoarthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , <b>2020</b> , 12, 1759720X20934934	3.8	0
113	Hereditary ATTR Amyloidosis in Austria: Prevalence and Epidemiological Hot Spots. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
112	Development of an electronic navigation system for elimination of examiner-dependent factors in the ultrasound screening for developmental dysplasia of the hip in newborns. <i>Scientific Reports</i> , <b>2020</b> , 10, 16407	4.9	1
111	Nonmechanical Revision Indications Portend Repeat Limb-Salvage Failure Following Total Femoral Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2020</b> , 102, 1511-1520	5.6	1
110	Sports activity after soft tissue sarcoma of the lower extremity. <i>Disability and Rehabilitation</i> , <b>2020</b> , 42, 14-19	2.4	2
109	Ramp lesions are frequently missed in ACL-deficient knees and should be repaired in case of instability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2020</b> , 28, 840-854	5.5	30
108	Rheumatoid arthritis disease activity and the risk of aseptic arthroplasty loosening. <i>Seminars in Arthritis and Rheumatism</i> , <b>2020</b> , 50, 245-251	5.3	8
107	Compositional magnetic resonance imaging in the evaluation of the intervertebral disc: Axial vs sagittal T mapping. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 2057-2064	3.8	3

106	Evaluation of Aerosol Electro Spray Analysis of Metal-on-Metal Wear Particles from Simulated Total Joint Replacement. <i>Sensors</i> , <b>2019</b> , 19,	3.8	2
105	Analysis and quantification of bone healing after open wedge high tibial osteotomy. <i>Wiener Klinische Wochenschrift</i> , <b>2019</b> , 131, 587-598	2.3	2
104	A comparative study of intraoperative frozen section and alpha defensin lateral flow test in the diagnosis of periprosthetic joint infection. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2019</b> , 90, 105-110	4.3	12
103	Recombinant Human Bone Morphogenetic Protein 6 Delivered Within Autologous Blood Coagulum Restores Critical Size Segmental Defects of Ulna in Rabbits. <i>JBMR Plus</i> , <b>2019</b> , 3, e10085	3.9	20
102	Galectins-1 and -3 in Human Intervertebral Disc Degeneration: Non-Uniform Distribution Profiles and Activation of Disease Markers Involving NF- $\kappa$ B by Galectin-1. <i>Journal of Orthopaedic Research</i> , <b>2019</b> , 37, 2204-2216	3.8	4
101	Biomechanical evaluation of different ankle orthoses in a simulated lateral ankle sprain in two different modes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2019</b> , 29, 1174-1180	4.6	2
100	Migration of the Lag Screw after Intramedullary Treatment of AO/OTA 31.A2.1-3 Ptertrochanteric Fractures Does Not Result in Higher Incidence of Cut-Outs, Regardless of Which Implant Was Used: A Comparison of Gamma Nail with and without U-Blade (RC) Lag Screw and Proximal Femur Nail Antirotation (PFNA). <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	9
99	Dual-energy CT and ceramic or titanium prostheses material reduce CT artifacts and provide superior image quality of total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2019</b> , 27, 1552-1561	5.5	10
98	The role of the subchondral layer in osteonecrosis of the femoral head: analysis based on HR-QCT in comparison to MRI findings. <i>Acta Radiologica</i> , <b>2019</b> , 60, 501-508	2	6
97	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , <b>2019</b> , 1947603519865308	3	42
96	A 3-Dimensional Model of Zonally Organized Extracellular Matrix. <i>Cartilage</i> , <b>2019</b> , 1947603519865320	3	2
95	QCT-based finite element prediction of pathologic fractures in proximal femora with metastatic lesions. <i>Scientific Reports</i> , <b>2019</b> , 9, 10305	4.9	16
94	Angiosarcoma of bone: A European Musculoskeletal Oncology Society (EMSOS) multicenter, retrospective study.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 11046-11046	2.2	1
93	Individualizing Follow-Up Strategies in High-Grade Soft Tissue Sarcoma with Flexible Parametric Competing Risk Regression Models. <i>Cancers</i> , <b>2019</b> , 12,	6.6	8
92	Distal femoral reconstruction following failed total knee arthroplasty is accompanied with risk for complication and reduced joint function. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 47	2.8	15
91	Prediction of Lumbar Disk Herniation and Clinical Outcome Using Quantitative Magnetic Resonance Imaging: A 5-Year Follow-Up Study. <i>Investigative Radiology</i> , <b>2019</b> , 54, 183-189	10.1	6
90	Multiplex PCR Unyvero i60 ITI application improves detection of low-virulent microorganisms in periprosthetic joint infections. <i>International Orthopaedics</i> , <b>2019</b> , 43, 1891-1898	3.8	21
89	Distal femoral varus osteotomy: results of the lateral open-wedge technique without bone grafting. <i>International Orthopaedics</i> , <b>2019</b> , 43, 2315-2322	3.8	7



88	Ultrasound of horizontal instability of the acromioclavicular joint : A simple and reliable test based on a cadaveric study. <i>Wiener Klinische Wochenschrift</i> , <b>2019</b> , 131, 81-86	2.3	5
87	Modern cemented total knee arthroplasty design shows a higher incidence of radiolucent lines compared to its predecessor. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2019</b> , 27, 1148-1155	5.5	26
86	Orientation dependence and decay characteristics of T * relaxation in the human meniscus studied with 7 Tesla MR microscopy and compared to histology. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 81, 921-934	4.4	6
85	Vessel architecture in human knee cartilage in children: an in vivo susceptibility-weighted imaging study at 7 T. <i>European Radiology</i> , <b>2018</b> , 28, 3384-3392	8	5
84	Safety and function of a prototype microprocessor-controlled knee prosthesis for low active transfemoral amputees switching from a mechanic knee prosthesis: a pilot study. <i>Disability and Rehabilitation: Assistive Technology</i> , <b>2018</b> , 13, 157-165	1.8	8
83	Preoperative MRI is helpful but not sufficient to detect associated lesions in patients with chronic ankle instability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2018</b> , 26, 2103-2109	5.5	17
82	Failed Two-Stage Exchange: Factors Leading to Unachievable Endoprosthetic Reconstruction After Multiple Revision Surgeries. <i>Journal of Arthroplasty</i> , <b>2018</b> , 33, 195-199	4.4	12
81	High-Grade Osteosarcoma of the Foot: Presentation, Treatment, Prognostic Factors, and Outcome of 23 Cooperative Osteosarcoma Study Group COSS Patients. <i>Sarcoma</i> , <b>2018</b> , 2018, 1632978	3.1	4
80	Predicting medical complications in spine surgery: evaluation of a novel online risk calculator. <i>European Spine Journal</i> , <b>2018</b> , 27, 2449-2456	2.7	18
79	Efficacy of different revision procedures for infected megaprotheses in musculoskeletal tumour surgery of the lower limb. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200304	3.7	12
78	Development and validation of a TTR-specific copy number screening tool, and application to potentially relevant patient cohorts. <i>Molecular and Cellular Probes</i> , <b>2018</b> , 41, 61-63	3.3	
77	Varus knee osteoarthritis: Elevated synovial CD15 counts correlate with inferior biomechanical properties of lateral-compartment cartilage. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 841-846	3.8	4
76	Surgical and Functional Outcome after Endoprosthetic Reconstruction in Patients with Osteosarcoma of the Humerus. <i>Scientific Reports</i> , <b>2018</b> , 8, 16148	4.9	9
75	Brazilin blocks catabolic processes in human osteoarthritic chondrocytes via inhibition of NFKB1/p50. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 2431-2438	3.8	5
74	Comparison of Plantar Pressure Distribution and Functional Outcome after Scarf and Austin Osteotomy. <i>Orthopaedic Surgery</i> , <b>2018</b> , 10, 255-263	2.5	2
73	mTOR Senses Environmental Cues to Shape the Fibroblast-like Synoviocyte Response to Inflammation. <i>Cell Reports</i> , <b>2018</b> , 23, 2157-2167	10.6	29
72	C-reactive protein: An independent predictor for dedifferentiated chondrosarcoma. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 2797-2801	3.8	8
71	Galectin-8 induces functional disease markers in human osteoarthritis and cooperates with galectins-1 and -3. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 4187-4205	10.3	37

70	What Sport Activity Levels Are Achieved in Patients After Resection and Endoprosthetic Reconstruction for a Proximal Femur Bone Sarcoma?. <i>Clinical Orthopaedics and Related Research</i> , <b>2017</b> , 475, 817-826	2.2	11
69	Sport and physical activity following unicompartmental knee arthroplasty: a systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2017</b> , 25, 717-728	5.5	34
68	New Technology in Imaging Cartilage of the Ankle. <i>Cartilage</i> , <b>2017</b> , 8, 31-41	3	15
67	Outcome of Total Hip and Total Knee Revision Arthroplasty With Minor Infection Criteria: A Retrospective Matched-Pair Analysis. <i>Journal of Arthroplasty</i> , <b>2017</b> , 32, 1266-1271	4.4	11
66	DNA methylation heterogeneity defines a disease spectrum in Ewing sarcoma. <i>Nature Medicine</i> , <b>2017</b> , 23, 386-395	50.5	128
65	Effect of simulated metastatic lesions on the biomechanical behavior of the proximal femur. <i>Journal of Orthopaedic Research</i> , <b>2017</b> , 35, 2407-2414	3.8	19
64	Cementless Total Hip Arthroplasty in Octogenarians. <i>Journal of Arthroplasty</i> , <b>2017</b> , 32, 1923-1929	4.4	7
63	Distinct activity of the bone-targeted gallium compound KP46 against osteosarcoma cells - synergism with autophagy inhibition. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2017</b> , 36, 52	12.8	20
62	Measurement considerations on examiner-dependent factors in the ultrasound assessment of developmental dysplasia of the hip. <i>International Orthopaedics</i> , <b>2017</b> , 41, 1245-1250	3.8	9
61	Serum creatinine and albumin predict sarcoma-specific survival in patients with myofibroblastic and fibroblastic sarcomas. <i>Journal of Orthopaedic Research</i> , <b>2017</b> , 35, 2815-2824	3.8	12
60	Surgical treatment of shoulder infections: a comparison between arthroscopy and arthrotomy. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2017</b> , 26, 1915-1921	4.3	20
59	Evaluating the cartilage adjacent to the site of repair surgery with glycosaminoglycan-specific magnetic resonance imaging. <i>International Orthopaedics</i> , <b>2017</b> , 41, 969-974	3.8	13
58	Detecting cam-type deformities on plain radiographs: what is the optimal lateral view?. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>2017</b> , 137, 1699-1705	3.6	20
57	The influence of antibiotic-loaded cement spacers on the risk of reinfection after septic two-stage hip revision surgery. <i>Infection</i> , <b>2017</b> , 45, 885-891	5.8	4
56	Anatomical Footprint of the Tibialis Anterior Tendon: Surgical Implications for Foot and Ankle Reconstructions. <i>BioMed Research International</i> , <b>2017</b> , 2017, 9542125	3	13
55	Oncological and surgical outcome after treatment of pelvic sarcomas. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172203	3.7	24
54	Role of fast-setting cements in arthroplasty: A comparative analysis of characteristics. <i>World Journal of Orthopedics</i> , <b>2017</b> , 8, 881-890	2.2	2
53	Computer navigation-assisted surgery for musculoskeletal tumors: a closer look into the learning curve. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , <b>2017</b> , 27, 851-858	2.2	10



52	Lateral-compartment Osteophytes are not Associated With Lateral-compartment Cartilage Degeneration in Arthritic Varus Knees. <i>Clinical Orthopaedics and Related Research</i> , <b>2017</b> , 475, 1386-1392 <sup>2.2</sup>	11
51	The impact of different types of talus deformation after treatment of clubfeet. <i>International Orthopaedics</i> , <b>2017</b> , 41, 93-99	3.8 12
50	Sonication culture improves microbiological diagnosis of modular megaprotheses. <i>Journal of Orthopaedic Research</i> , <b>2017</b> , 35, 1383-1387	3.8 10
49	Valgus Stress Radiographs Predict Lateral-Compartment Cartilage Thickness but Not Cartilage Degeneration in Varus Osteoarthritis. <i>Journal of Arthroplasty</i> , <b>2017</b> , 32, 788-792	4.4 7
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