

Reinhard Windhager

List of Publications by Citations

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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	Failure mode classification for tumor endoprostheses: retrospective review of five institutions and a literature review. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 418-29	5.6	360
176	DNA methylation heterogeneity defines a disease spectrum in Ewing sarcoma. <i>Nature Medicine</i> , 2017 , 23, 386-395	50.5	128
175	Transcriptional regulator PRDM12 is essential for human pain perception. <i>Nature Genetics</i> , 2015 , 47, 803-8	36.3	101
174	Total hip arthroplasty using imageless computer-assisted hip navigation: a prospective randomized study. <i>Journal of Arthroplasty</i> , 2014 , 29, 786-91	4.4	86
173	Novel biomarkers to detect infection in revision hip and knee arthroplasties. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 2621-8	2.2	62
172	OARSI osteoarthritis cartilage histopathology assessment system: A biomechanical evaluation in the human knee. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 135-40	3.8	60
171	Galectin-1 Couples Glycobiology to Inflammation in Osteoarthritis through the Activation of an NF-B-Regulated Gene Network. <i>Journal of Immunology</i> , 2016 , 196, 1910-21	5.3	54
170	Treatment of Full-Thickness Chondral Defects With Hyalograft C in the Knee: Long-term Results. <i>American Journal of Sports Medicine</i> , 2014 , 42, 1426-32	6.8	53
169	Human osteoarthritic knee cartilage: fingerprinting of adhesion/growth-regulatory galectins in vitro and in situ indicates differential upregulation in severe degeneration. <i>Histochemistry and Cell Biology</i> , 2014 , 142, 373-88	2.4	49
168	Mutation screen reveals novel variants and expands the phenotypes associated with DYNC1H1. <i>Journal of Neurology</i> , 2015 , 262, 2124-34	5.5	46
167	Proteomics and transcriptomics of peripheral nerve tissue and cells unravel new aspects of the human Schwann cell repair phenotype. <i>Glia</i> , 2016 , 64, 2133-2153	9	44
166	Megaprotheses in the treatment of periprosthetic fractures of the knee joint: indication, technique, results and review of literature. <i>International Orthopaedics</i> , 2016 , 40, 935-43	3.8	43
165	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , 2019 , 1947603519865308	3	42
164	YouTube provides irrelevant information for the diagnosis and treatment of hip arthritis. <i>International Orthopaedics</i> , 2016 , 40, 1995-2002	3.8	41
163	EGFR is not a major driver for osteosarcoma cell growth in vitro but contributes to starvation and chemotherapy resistance. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015 , 34, 134	12.8	40
162	Total Femur Replacement After Tumor Resection: Limb Salvage Usually Achieved But Complications and Failures are Common. <i>Clinical Orthopaedics and Related Research</i> , 2015 , 473, 2079-87	2.2	37
161	Galectin-8 induces functional disease markers in human osteoarthritis and cooperates with galectins-1 and -3. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 4187-4205	10.3	37

160	Successful osteoconduction but limited cartilage tissue quality following osteochondral repair by a cell-free multilayered nano-composite scaffold at the knee. <i>International Orthopaedics</i> , 2016 , 40, 625-32	3.8	36
159	Correction power and complications of first tarsometatarsal joint arthrodesis for hallux valgus deformity. <i>International Orthopaedics</i> , 2015 , 39, 467-76	3.8	35
158	Sport and physical activity following unicompartmental knee arthroplasty: a systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017 , 25, 717-728	5.5	34
157	Galectin-3 Induces a Pro-degradative/inflammatory Gene Signature in Human Chondrocytes, Teaming Up with Galectin-1 in Osteoarthritis Pathogenesis. <i>Scientific Reports</i> , 2016 , 6, 39112	4.9	33
156	Rare Variants in MME, Encoding Metalloprotease Neprilysin, Are Linked to Late-Onset Autosomal-Dominant Axonal Polyneuropathies. <i>American Journal of Human Genetics</i> , 2016 , 99, 607-623	11	30
155	Ramp lesions are frequently missed in ACL-deficient knees and should be repaired in case of instability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020 , 28, 840-854	5.5	30
154	mTOR Senses Environmental Cues to Shape the Fibroblast-like Synoviocyte Response to Inflammation. <i>Cell Reports</i> , 2018 , 23, 2157-2167	10.6	29
153	A novel missense mutation confirms ATL3 as a gene for hereditary sensory neuropathy type 1. <i>Brain</i> , 2014 , 137, e286	11.2	28
152	Outcome after Reconstruction of the Proximal Tibia--Complications and Competing Risk Analysis. <i>PLoS ONE</i> , 2015 , 10, e0135736	3.7	26
151	Modern cemented total knee arthroplasty design shows a higher incidence of radiolucent lines compared to its predecessor. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019 , 27, 1148-1155	5.5	26
150	Glycophenotyping of osteoarthritic cartilage and chondrocytes by RT-qPCR, mass spectrometry, histochemistry with plant/human lectins and lectin localization with a glycoprotein. <i>Arthritis Research and Therapy</i> , 2013 , 15, R147	5.7	25
149	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> , 2020 , 478, 290-302	2.2	25
148	The insufficiencies of risk analysis of impending pathological fractures in patients with femoral metastases: A literature review. <i>Bone Reports</i> , 2016 , 5, 51-56	2.6	25
147	Oncological and surgical outcome after treatment of pelvic sarcomas. <i>PLoS ONE</i> , 2017 , 12, e0172203	3.7	24
146	Low incidence of early developmental dysplasia of the hip in universal ultrasonographic screening of newborns: analysis and evaluation of risk factors. <i>International Orthopaedics</i> , 2016 , 40, 123-7	3.8	23
145	Treatment of septic arthritis of the knee: a comparison between arthroscopy and arthrotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016 , 24, 3147-3154	5.5	23
144	Early results of a new rotating hinge knee implant. <i>BioMed Research International</i> , 2014 , 2014, 948520	3	22
143	Multiplex PCR Unyvero i60 ITI application improves detection of low-virulent microorganisms in periprosthetic joint infections. <i>International Orthopaedics</i> , 2019 , 43, 1891-1898	3.8	21

142	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> , 2017 , 36, 52	12.8	20
141	Surgical treatment of shoulder infections: a comparison between arthroscopy and arthrotomy. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 1915-1921	4.3	20
140	Detecting cam-type deformities on plain radiographs: what is the optimal lateral view?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017 , 137, 1699-1705	3.6	20
139	Recombinant Human Bone Morphogenetic Protein 6 Delivered Within Autologous Blood Coagulum Restores Critical Size Segmental Defects of Ulna in Rabbits. <i>JBMR Plus</i> , 2019 , 3, e10085	3.9	20
138	Outcome of total knee arthroplasty in hemophilic arthropathy. <i>Journal of Arthroplasty</i> , 2014 , 29, 749-52	4.4	20
137	Effect of simulated metastatic lesions on the biomechanical behavior of the proximal femur. <i>Journal of Orthopaedic Research</i> , 2017 , 35, 2407-2414	3.8	19
136	Predicting medical complications in spine surgery: evaluation of a novel online risk calculator. <i>European Spine Journal</i> , 2018 , 27, 2449-2456	2.7	18
135	Denosumab for the treatment of giant cell tumor of the bone. <i>Future Oncology</i> , 2015 , 11, 1881-94	3.6	17
134	Preoperative MRI is helpful but not sufficient to detect associated lesions in patients with chronic ankle instability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018 , 26, 2103-2109	5.5	17
133	Reproducibility and regional variations of an improved gagCEST protocol for the in vivo evaluation of knee cartilage at 7T. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016 , 29, 513-21	2.8	17
132	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> , 2020 , 14, 147-159	4.4	17
131	QCT-based finite element prediction of pathologic fractures in proximal femora with metastatic lesions. <i>Scientific Reports</i> , 2019 , 9, 10305	4.9	16
130	Schwann cell plasticity regulates neuroblastic tumor cell differentiation via epidermal growth factor-like protein 8. <i>Nature Communications</i> , 2021 , 12, 1624	17.4	16
129	New Technology in Imaging Cartilage of the Ankle. <i>Cartilage</i> , 2017 , 8, 31-41	3	15
128	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> , 2020 , 35, 1893-1903	6.3	15
127	Elevated serum creatinine and low albumin are associated with poor outcomes in patients with liposarcoma. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 533-8	3.8	15
126	Distal femoral reconstruction following failed total knee arthroplasty is accompanied with risk for complication and reduced joint function. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 47	2.8	15
125	Evaluating the cartilage adjacent to the site of repair surgery with glycosaminoglycan-specific magnetic resonance imaging. <i>International Orthopaedics</i> , 2017 , 41, 969-974	3.8	13

124	Anatomical Footprint of the Tibialis Anterior Tendon: Surgical Implications for Foot and Ankle Reconstructions. <i>BioMed Research International</i> , 2017 , 2017, 9542125	3	13
123	Serum creatinine and albumin predict sarcoma-specific survival in patients with myofibroblastic and fibroblastic sarcomas. <i>Journal of Orthopaedic Research</i> , 2017 , 35, 2815-2824	3.8	12
122	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> , 2019 , 90, 105-110	4.3	12
121	Failed Two-Stage Exchange: Factors Leading to Unachievable Endoprosthetic Reconstruction After Multiple Revision Surgeries. <i>Journal of Arthroplasty</i> , 2018 , 33, 195-199	4.4	12
120	Efficacy of different revision procedures for infected megaprotheses in musculoskeletal tumour surgery of the lower limb. <i>PLoS ONE</i> , 2018 , 13, e0200304	3.7	12
119	The impact of different types of talus deformation after treatment of clubfeet. <i>International Orthopaedics</i> , 2017 , 41, 93-99	3.8	12
118	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> , 2017 , 475, 817-826	2.2	11
117	Outcome of Total Hip and Total Knee Revision Arthroplasty With Minor Infection Criteria: A Retrospective Matched-Pair Analysis. <i>Journal of Arthroplasty</i> , 2017 , 32, 1266-1271	4.4	11
116	Analysis of Running-Related Injuries: The Vienna Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11
115	Lateral-compartment Osteophytes are not Associated With Lateral-compartment Cartilage Degeneration in Arthritic Varus Knees. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 1386-1392	2.2	11
114	C-reactive protein as a prognostic factor in patients with chordoma of lumbar spine and sacrum--a single center pilot study. <i>World Journal of Surgical Oncology</i> , 2016 , 14, 111	3.4	10
113	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> , 2019 , 27, 1552-1561	5.5	10
112	Computer navigation-assisted surgery for musculoskeletal tumors: a closer look into the learning curve. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017 , 27, 851-858	2.2	10
111	Sonication culture improves microbiological diagnosis of modular megaprotheses. <i>Journal of Orthopaedic Research</i> , 2017 , 35, 1383-1387	3.8	10
110	Does T2 mapping of the posterior annulus fibrosus indicate the presence of lumbar intervertebral disc herniation? A 3.0 Tesla magnetic resonance study. <i>European Spine Journal</i> , 2017 , 26, 877-883	2.7	10
109	Measurement considerations on examiner-dependent factors in the ultrasound assessment of developmental dysplasia of the hip. <i>International Orthopaedics</i> , 2017 , 41, 1245-1250	3.8	9
108	Migration of the Lag Screw after Intramedullary Treatment of AO/OTA 31.A2.1-3 Pertrochanteric 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> , 2019 , 8,	5.1	9
107	Reconstruction of the Distal Radius following Tumour Resection Using an Osteoarticular Allograft. <i>Sarcoma</i> , 2013 , 2013, 318767	3.1	9

106	CD44 drives aggressiveness and chemoresistance of a metastatic human osteosarcoma xenograft model. <i>Oncotarget</i> , 2017 , 8, 114095-114108	3.3	9
105	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> , 2020 , 138, 115448	4.7	9
104	Reliability of the Radiographic Sagittal and Frontal Tibiotalar Alignment after Ankle Arthrodesis. <i>PLoS ONE</i> , 2016 , 11, e0154224	3.7	9
103	Inferior performance of established and novel serum inflammatory markers in diagnosing periprosthetic joint infections. <i>International Orthopaedics</i> , 2021 , 45, 837-846	3.8	9
102	Surgical and Functional Outcome after Endoprosthetic Reconstruction in Patients with Osteosarcoma of the Humerus. <i>Scientific Reports</i> , 2018 , 8, 16148	4.9	9
101	Peroneal tendinosis as a predisposing factor for the acute lateral ankle sprain in runners. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016 , 24, 1175-9	5.5	8
100	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> , 2018 , 13, 157-165	1.8	8
99	Individualizing Follow-Up Strategies in High-Grade Soft Tissue Sarcoma with Flexible Parametric Competing Risk Regression Models. <i>Cancers</i> , 2019 , 12,	6.6	8
98	Rheumatoid arthritis disease activity and the risk of aseptic arthroplasty loosening. <i>Seminars in Arthritis and Rheumatism</i> , 2020 , 50, 245-251	5.3	8
97	C-reactive protein: An independent predictor for dedifferentiated chondrosarcoma. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2797-2801	3.8	8
96	Cementless Total Hip Arthroplasty in Octogenarians. <i>Journal of Arthroplasty</i> , 2017 , 32, 1923-1929	4.4	7
95	Expandable distal femur megaprosthesis: A European Musculoskeletal Oncology Society study on 299 cases. <i>Journal of Surgical Oncology</i> , 2020 , 122, 760	2.8	7
94	Valgus Stress Radiographs Predict Lateral-Compartment Cartilage Thickness but Not Cartilage Degeneration in Varus Osteoarthritis. <i>Journal of Arthroplasty</i> , 2017 , 32, 788-792	4.4	7
93	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> , 2020 , 36, 3037-3047	5.4	7
92	Whole exome sequencing in congenital pain insensitivity identifies a novel causative intronic NTRK1-mutation due to uniparental disomy. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016 , 171, 875-8	3.5	7
91	Distal femoral varus osteotomy: results of the lateral open-wedge technique without bone grafting. <i>International Orthopaedics</i> , 2019 , 43, 2315-2322	3.8	7
90	Clinical implementation of accelerated T mapping: Quantitative magnetic resonance imaging as a biomarker for annular tear and lumbar disc herniation. <i>European Radiology</i> , 2021 , 31, 3590-3599	8	7
89	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> , 2020 , 9,	5.1	6

88	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> , 2020 , 478, 1062-1073	2.2	6
87	Biological Regeneration of Articular Cartilage in an Early Stage of Compartmentalized Osteoarthritis: 12-Month Results. <i>American Journal of Sports Medicine</i> , 2020 , 48, 1338-1346	6.8	6
86	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> , 2019 , 60, 501-508	2	6
85	Receptor activator of nuclear factor B expression is a prognostic factor in human osteosarcoma. <i>Oncology Letters</i> , 2015 , 10, 1813-1815	2.6	6
84	Evaluation of stability of rotating hinge knee prostheses: a biomechanical study. <i>ISRN Orthopedics</i> , 2013 , 2013, 701693		6
83	LARS band and tube for extensor mechanism reconstructions in proximal tibial modular endoprostheses after bone tumors. <i>Knee</i> , 2016 , 23, 905-10	2.6	6
82	Prediction of Lumbar Disk Herniation and Clinical Outcome Using Quantitative Magnetic Resonance Imaging: A 5-Year Follow-Up Study. <i>Investigative Radiology</i> , 2019 , 54, 183-189	10.1	6
81	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> , 2019 , 81, 921-933	4.4	6
80	The tibialis posterior tendon footprint: an anatomical dissection study. <i>Journal of Foot and Ankle Research</i> , 2020 , 13, 25	3.2	5
79	Angiosarcoma of bone: a retrospective study of the European Musculoskeletal Oncology Society (EMSOS). <i>Scientific Reports</i> , 2020 , 10, 10853	4.9	5
78	Vessel architecture in human knee cartilage in children: an in vivo susceptibility-weighted imaging study at 7 T. <i>European Radiology</i> , 2018 , 28, 3384-3392	8	5
77	Ultrasound of horizontal instability of the acromioclavicular joint : A simple and reliable test based on a cadaveric study. <i>Wiener Klinische Wochenschrift</i> , 2019 , 131, 81-86	2.3	5
76	Alendronate enhances osseointegration in a murine implant model. <i>Journal of Orthopaedic Research</i> , 2021 , 39, 719-726	3.8	5
75	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> , 2021 , 21, 4128-4143	7.2	5
74	Brazilin blocks catabolic processes in human osteoarthritic chondrocytes via inhibition of NFkB1/p50. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2431-2438	3.8	5
73	The influence of antibiotic-loaded cement spacers on the risk of reinfection after septic two-stage hip revision surgery. <i>Infection</i> , 2017 , 45, 885-891	5.8	4
72	Galectins-1 and -3 in Human Intervertebral Disc Degeneration: Non-Uniform Distribution Profiles and Activation of Disease Markers Involving NF-B by Galectin-1. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 2204-2216	3.8	4
71	Total Hip Arthroplasty Using Imageless Computer-Assisted Navigation-2-Year Follow-Up of a Prospective Randomized Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4

70	Sport and Physical Activity Following Primary Total Knee Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2020 , 35, 2274-2285.e1	4.4	4
69	CORR Insights(□): Outcomes of a Modular Intercalary Endoprosthesis as Treatment for Segmental Defects of the Femur, Tibia, and Humerus. <i>Clinical Orthopaedics and Related Research</i> , 2016 , 474, 549-50 ²⁻²		4
68	High-Grade Osteosarcoma of the Foot: Presentation, Treatment, Prognostic Factors, and Outcome of 23 Cooperative Osteosarcoma Study Group COSS Patients. <i>Sarcoma</i> , 2018 , 2018, 1632978	3.1	4
67	Varus knee osteoarthritis: Elevated synovial CD15 counts correlate with inferior biomechanical properties of lateral-compartment cartilage. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 841-846	3.8	4
66	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> , 2021 , 1	5.5	4
65	Evaluation of Two Types of Intramedullary Jones Fracture Fixation in a Cyclic and Ultimate Load Model. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 911-917	3.8	4
64	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> , 2020 , 55, 695-701	10.1	4
63	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> , 2021 , 10, 536-547	4.2	4
62	Recent Advances in Additive Manufacturing and 3D Bioprinting for Organs-On-A-Chip and Microphysiological Systems.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 837087	5.8	4
61	Safety and efficacy of switching from low molecular weight heparin to dabigatran in patients undergoing elective total hip or knee replacement surgery. <i>Thrombosis Journal</i> , 2015 , 13, 37	5.6	3
60	Specific knowledge and resilience affect short-term outcome in patients following primary total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 1	3.6	3
59	Compositional magnetic resonance imaging in the evaluation of the intervertebral disc: Axial vs sagittal T mapping. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 2057-2064	3.8	3
58	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> , 2021 , 36, 501-506	4.4	3
57	Evaluation of Aerosol Electrospray Analysis of Metal-on-Metal Wear Particles from Simulated Total Joint Replacement. <i>Sensors</i> , 2019 , 19,	3.8	2
56	Analysis and quantification of bone healing after open wedge high tibial osteotomy. <i>Wiener Klinische Wochenschrift</i> , 2019 , 131, 587-598	2.3	2
55	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> , 2019 , 29, 1174-1180	4.6	2
54	Advanced techniques in amputation surgery and prosthetic technology in the lower extremity. <i>EFORT Open Reviews</i> , 2020 , 5, 724-741	5.5	2
53	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> , 2020 , 9, 146-151	4.2	2

52	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> , 2020 , 28, 2592-2597	5.5	2
51	Biomechanical comparison of knotless vs. knotted suture anchors in the acetabular rim with respect to bone density. <i>Clinical Biomechanics</i> , 2020 , 74, 21-26	2.2	2
50	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> , 2020 , 9,	5.1	2
49	Role of fast-setting cements in arthroplasty: A comparative analysis of characteristics. <i>World Journal of Orthopedics</i> , 2017 , 8, 881-890	2.2	2
48	A 3-Dimensional Model of Zonally Organized Extracellular Matrix. <i>Cartilage</i> , 2019 , 1947603519865320	3	2
47	Retroclavicular lipofibromatosis: case report and review of the literature. <i>European Orthopaedics and Traumatology</i> , 2010 , 1, 115-118		2
46	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> , 2020 , 9,	5.1	2
45	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> , 2020 , 9,	5.1	2
44	Hereditary ATTR Amyloidosis in Austria: Prevalence and Epidemiological Hot Spots. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
43	Higher patient knowledge and resilience improve the functional outcome of primary total knee arthroplasty. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 543-549	2.3	2
42	Epiphysiodesis for the treatment of tall stature and leg length discrepancy. <i>Wiener Medizinische Wochenschrift</i> , 2021 , 171, 133-141	2.9	2
41	N-Glycan profiling of chondrocytes and fibroblast-like synoviocytes: Towards functional glycomics in osteoarthritis. <i>Proteomics - Clinical Applications</i> , 2021 , 15, e2000057	3.1	2
40	Extra-abdominal desmoid tumor fibromatosis: a multicenter EMSOS study. <i>BMC Cancer</i> , 2021 , 21, 437	4.8	2
39	Modular megaprotheses in the treatment of periprosthetic fractures of the femur. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 550-559	2.3	2
38	Sports activity after soft tissue sarcoma of the lower extremity. <i>Disability and Rehabilitation</i> , 2020 , 42, 14-19	2.4	2
37	Comparison of Plantar Pressure Distribution and Functional Outcome after Scarf and Austin Osteotomy. <i>Orthopaedic Surgery</i> , 2018 , 10, 255-263	2.5	2
36	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> , 2021 , 31, 5734-5745	8	2
35	Peroneus brevis as source of instability in Jones fracture fixation. <i>International Orthopaedics</i> , 2020 , 44, 1409-1416	3.8	1

34	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> , 2020 , 1947603520926702	3	1
33	Clinical outcome of posterior-stabilized total knee arthroplasty using an increased flexion gap in patients with preoperative stiffness. <i>Bone and Joint Journal</i> , 2020 , 102-B, 426-433	5.6	1
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