

Reinhard Windhager

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

4,391
citations

136940

32
h-index

155644

55
g-index

196
all docs

196
docs citations

196
times ranked

5601
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 418-429.	3.0	517
2	DNA methylation heterogeneity defines a disease spectrum in Ewing sarcoma. <i>Nature Medicine</i> , 2017, 23, 386-395.	30.7	193
3	Transcriptional regulator PRDM12 is essential for human pain perception. <i>Nature Genetics</i> , 2015, 47, 803-808.	21.4	137
4	Total Hip Arthroplasty Using Imageless Computer-Assisted Hip Navigation. <i>Journal of Arthroplasty</i> , 2014, 29, 786-791.	3.1	111
5	The MOCART (Magnetic Resonance Observation of Cartilage Repair Tissue) 2.0 Knee Score and Atlas. <i>Cartilage</i> , 2021, 13, 571S-587S.	2.7	95
6	OARSI osteoarthritis cartilage histopathology assessment system: A biomechanical evaluation in the human knee. <i>Journal of Orthopaedic Research</i> , 2016, 34, 135-140.	2.3	92
7	YouTube provides irrelevant information for the diagnosis and treatment of hip arthritis. <i>International Orthopaedics</i> , 2016, 40, 1995-2002.	1.9	82
8	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.	4.9	77
9	Galectin-1 Couples Glycobiology to Inflammation in Osteoarthritis through the Activation of an NF- κ B-Regulated Gene Network. <i>Journal of Immunology</i> , 2016, 196, 1910-1921.	0.8	77
10	Novel Biomarkers to Detect Infection in Revision Hip and Knee Arthroplasties. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2621-2628.	1.5	75
11	Treatment of Full-Thickness Chondral Defects With Hyalograft C in the Knee. <i>American Journal of Sports Medicine</i> , 2014, 42, 1426-1432.	4.2	69
12	Megaprotheses in the treatment of periprosthetic fractures of the knee joint: indication, technique, results and review of literature. <i>International Orthopaedics</i> , 2016, 40, 935-943.	1.9	62
13	mTOR Senses Environmental Cues to Shape the Fibroblast-like Synoviocyte Response to Inflammation. <i>Cell Reports</i> , 2018, 23, 2157-2167.	6.4	62
14	Mutation screen reveals novel variants and expands the phenotypes associated with DYNC1H1. <i>Journal of Neurology</i> , 2015, 262, 2124-2134.	3.6	59
15	Sport and physical activity following unicompartmental knee arthroplasty: a systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 717-728.	4.2	59
16	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.	8.6	57
17	Correction power and complications of first tarsometatarsal joint arthrodesis for hallux valgus deformity. <i>International Orthopaedics</i> , 2015, 39, 467-476.	1.9	57
18	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, 2079-2087.	1.5	57

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19	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, 373-388.	1.7	56
20	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.	4.2	53
21	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.	3.3	47
22	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.	6.2	47
23	Schwann cell plasticity regulates neuroblastic tumor cell differentiation via epidermal growth factor-like protein 8. <i>Nature Communications</i> , 2021, 12, 1624.	12.8	47
24	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.	5.4	46
25	A novel missense mutation confirms ATL3 as a gene for hereditary sensory neuropathy type 1. <i>Brain</i> , 2014, 137, e286-e286.	7.6	45
26	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, 625-632.	1.9	45
27	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.	1.5	45
28	Oncological and surgical outcome after treatment of pelvic sarcomas. <i>PLoS ONE</i> , 2017, 12, e0172203.	2.5	42
29	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.	4.2	42
30	Treatment of septic arthritis of the knee: a comparison between arthroscopy and arthrotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 3147-3154.	4.2	40
31	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.	3.5	38
32	Outcome after Reconstruction of the Proximal Tibia – Complications and Competing Risk Analysis. <i>PLoS ONE</i> , 2015, 10, e0135736.	2.5	38
33	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.	0.4	35
34	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, 123-127.	1.9	33
35	Multiplex PCR Unyvero i60 ITI application improves detection of low-virulent microorganisms in periprosthetic joint infections. <i>International Orthopaedics</i> , 2019, 43, 1891-1898.	1.9	31
36	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.	2.7	31

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37	Inferior performance of established and novel serum inflammatory markers in diagnosing periprosthetic joint infections. <i>International Orthopaedics</i> , 2021, 45, 837-846.	1.9	31
38	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.	2.4	30
39	New Technology in Imaging Cartilage of the Ankle. <i>Cartilage</i> , 2017, 8, 31-41.	2.7	29
40	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.	2.7	29
41	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.	8.6	28
42	Surgical treatment of shoulder infections: a comparison between arthroscopy and arthrotomy. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 1915-1921.	2.6	28
43	Efficacy of different revision procedures for infected megaprotheses in musculoskeletal tumour surgery of the lower limb. <i>PLoS ONE</i> , 2018, 13, e0200304.	2.5	28
44	QCT-based finite element prediction of pathologic fractures in proximal femora with metastatic lesions. <i>Scientific Reports</i> , 2019, 9, 10305.	3.3	28
45	Early Results of a New Rotating Hinge Knee Implant. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	27
46	Effect of simulated metastatic lesions on the biomechanical behavior of the proximal femur. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2407-2414.	2.3	27
47	Outcome of Total Knee Arthroplasty in Hemophilic Arthropathy. <i>Journal of Arthroplasty</i> , 2014, 29, 749-752.	3.1	26
48	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.	2.3	26
49	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.	2.8	26
50	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.	6.0	26
51	Elevated serum creatinine and low albumin are associated with poor outcomes in patients with liposarcoma. <i>Journal of Orthopaedic Research</i> , 2016, 34, 533-538.	2.3	25
52	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.	4.2	25
53	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.	1.9	25
54	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.	2.7	25

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55	Predicting medical complications in spine surgery: evaluation of a novel online risk calculator. <i>European Spine Journal</i> , 2018, 27, 2449-2456.	2.2	24
56	Analysis of Running-Related Injuries: The Vienna Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 438.	2.4	23
57	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.	2.9	23
58	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> , 2022, 30, 2267-2276.	4.2	23
59	Denosumab for the treatment of giant cell tumor of the bone. <i>Future Oncology</i> , 2015, 11, 1881-1894.	2.4	22
60	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, 513-521.	2.0	22
61	Serum Inflammatory Biomarkers in the Diagnosis of Periprosthetic Joint Infections. <i>Biomedicines</i> , 2021, 9, 1128.	3.2	22
62	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.	1.5	21
63	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.	3.1	20
64	Rheumatoid arthritis disease activity and the risk of aseptic arthroplasty loosening. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 245-251.	3.4	20
65	Anatomical Footprint of the Tibialis Anterior Tendon: Surgical Implications for Foot and Ankle Reconstructions. <i>BioMed Research International</i> , 2017, 2017, 1-5.	1.9	19
66	Evaluating the cartilage adjacent to the site of repair surgery with glycosaminoglycan-specific magnetic resonance imaging. <i>International Orthopaedics</i> , 2017, 41, 969-974.	1.9	18
67	Surgical and Functional Outcome after Endoprosthetic Reconstruction in Patients with Osteosarcoma of the Humerus. <i>Scientific Reports</i> , 2018, 8, 16148.	3.3	18
68	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.	3.3	18
69	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.	3.1	18
70	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.	3.6	18
71	CD44 drives aggressiveness and chemoresistance of a metastatic human osteosarcoma xenograft model. <i>Oncotarget</i> , 2017, 8, 114095-114108.	1.8	18
72	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.	1.5	17

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73	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.	2.2	17
74	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.	4.2	17
75	Expandable distal femur megaprosthesis: A European Musculoskeletal Oncology Society study on 299 cases. <i>Journal of Surgical Oncology</i> , 2020, 122, 760-765.	1.7	17
76	The impact of different types of talus deformation after treatment of clubfeet. <i>International Orthopaedics</i> , 2017, 41, 93-99.	1.9	16
77	Predicting Total Knee Replacement from Symptomology and Radiographic Structural Change Using Artificial Neural Networksâ€”Data from the Osteoarthritis Initiative (OAI). <i>Journal of Clinical Medicine</i> , 2020, 9, 1298.	2.4	16
78	Total Hip Arthroplasty Using Imageless Computer-Assisted Navigationâ€”2-Year Follow-Up of a Prospective Randomized Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1620.	2.4	16
79	Clinical implementation of accelerated T2 mapping: Quantitative magnetic resonance imaging as a biomarker for annular tear and lumbar disc herniation. <i>European Radiology</i> , 2021, 31, 3590-3599.	4.5	16
80	Extra-abdominal desmoid tumor fibromatosis: a multicenter EMSOS study. <i>BMC Cancer</i> , 2021, 21, 437.	2.6	16
81	Measurement considerations on examiner-dependent factors in the ultrasound assessment of developmental dysplasia of the hip. <i>International Orthopaedics</i> , 2017, 41, 1245-1250.	1.9	15
82	Brazilin blocks catabolic processes in human osteoarthritic chondrocytes via inhibition of NFKB1/p50. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2431-2438.	2.3	15
83	The tibialis posterior tendon footprint: an anatomical dissection study. <i>Journal of Foot and Ankle Research</i> , 2020, 13, 25.	1.9	15
84	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.	1.5	15
85	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.	4.1	15
86	Reliability of the Radiographic Sagittal and Frontal Tibiotalar Alignment after Ankle Arthrodesis. <i>PLoS ONE</i> , 2016, 11, e0154224.	2.5	14
87	C-reactive protein as a prognostic factor in patients with chordoma of lumbar spine and sacrumâ€”a single center pilot study. <i>World Journal of Surgical Oncology</i> , 2016, 14, 111.	1.9	14
88	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.	1.4	14
89	Failed Two-Stage Exchange: Factors Leading to Unachievable Endoprosthetic Reconstruction After Multiple Revision Surgeries. <i>Journal of Arthroplasty</i> , 2018, 33, 195-199.	3.1	14
90	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, 615.	2.4	14

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91	Reconstruction of the Distal Radius following Tumour Resection Using an Osteoarticular Allograft. <i>Sarcoma</i> , 2013, 2013, 1-6.	1.3	13
92	Receptor activator of nuclear factor κ B expression is a prognostic factor in human osteosarcoma. <i>Oncology Letters</i> , 2015, 10, 1813-1815.	1.8	13
93	Cementless Total Hip Arthroplasty in Octogenarians. <i>Journal of Arthroplasty</i> , 2017, 32, 1923-1929.	3.1	13
94	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.	1.1	13
95	Distal femoral varus osteotomy: results of the lateral open-wedge technique without bone grafting. <i>International Orthopaedics</i> , 2019, 43, 2315-2322.	1.9	13
96	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.	4.5	13
97	Sonication culture improves microbiological diagnosis of modular megaprotheses. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1383-1387.	2.3	12
98	Valgus Stress Radiographs Predict Lateral-Compartment Cartilage Thickness but Not Cartilage Degeneration in Varus Osteoarthritis. <i>Journal of Arthroplasty</i> , 2017, 32, 788-792.	3.1	12
99	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.	2.2	12
100	C-reactive protein: An independent predictor for dedifferentiated chondrosarcoma. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2797-2801.	2.3	12
101	Individualizing Follow-Up Strategies in High-Grade Soft Tissue Sarcoma with Flexible Parametric Competing Risk Regression Models. <i>Cancers</i> , 2020, 12, 47.	3.7	12
102	LARSÂ® band and tube for extensor mechanism reconstructions in proximal tibial modular endoprotheses after bone tumors. <i>Knee</i> , 2016, 23, 905-910.	1.6	11
103	Antimicrobial potential and osteoblastic cell growth on electrochemically modified titanium surfaces with nanotubes and selenium or silver incorporation. <i>Scientific Reports</i> , 2022, 12, 8298.	3.3	11
104	Orientation dependence and decay characteristics of T_2^* 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.	3.0	10
105	Accelerated T2 Mapping of the Lumbar Intervertebral Disc. <i>Investigative Radiology</i> , 2020, 55, 695-701.	6.2	10
106	Hereditary ATTR Amyloidosis in Austria: Prevalence and Epidemiological Hot Spots. <i>Journal of Clinical Medicine</i> , 2020, 9, 2234.	2.4	10
107	Angiosarcoma of bone: a retrospective study of the European Musculoskeletal Oncology Society (EMSOS). <i>Scientific Reports</i> , 2020, 10, 10853.	3.3	10
108	Alendronate enhances osseointegration in a murine implant model. <i>Journal of Orthopaedic Research</i> , 2021, 39, 719-726.	2.3	10

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109	Whole exome sequencing in congenital pain insensitivity identifies a novel causative intronic <i>NTRK1</i> mutation due to uniparental disomy. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 875-878.	1.7	9
110	Peroneal tendinosis as a predisposing factor for the acute lateral ankle sprain in runners. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1175-1179.	4.2	9
111	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, 1-11.	1.3	9
112	Prediction of Lumbar Disk Herniation and Clinical Outcome Using Quantitative Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2019, 54, 183-189.	6.2	9
113	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.	4.7	8
114	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.	4.5	8
115	Galectins $\alpha 1$ and $\alpha 3$ in Human Intervertebral Disc Degeneration: Non-Uniform Distribution Profiles and Activation of Disease Markers Involving NF- κ B by Galectin $\alpha 1$. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2204-2216.	2.3	8
116	N-glycan profiling of chondrocytes and fibroblast-like synoviocytes: Towards functional glycomics in osteoarthritis. <i>Proteomics - Clinical Applications</i> , 2021, 15, e2000057.	1.6	8
117	Evaluation of Stability of Rotating Hinge Knee Prostheses: A Biomechanical Study. <i>ISRN Orthopedics</i> , 2013, 2013, 1-7.	0.8	7
118	The Influence of Resveratrol on the Synovial Expression of Matrix Metalloproteinases and Receptor Activator of NF- κ B Ligand in Rheumatoid Arthritis Fibroblast-Like Synoviocytes. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 336-342.	1.4	7
119	Ultrasound of horizontal instability of the acromioclavicular joint. <i>Wiener Klinische Wochenschrift</i> , 2019, 131, 81-86.	1.9	7
120	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.	2.3	7
121	Advanced techniques in amputation surgery and prosthetic technology in the lower extremity. <i>EFORT Open Reviews</i> , 2020, 5, 724-741.	4.1	7
122	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 T2 Mapping at 24 Months. <i>Cartilage</i> , 2020, , 194760352092670.	2.7	7
123	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.	4.2	7
124	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.	3.1	7
125	Higher patient knowledge and resilience improve the functional outcome of primary total knee arthroplasty. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 543-549.	1.9	7
126	Specific knowledge and resilience affect short-term outcome in patients following primary total hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1229-1237.	2.4	7

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127	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, 549-550.	1.5	6
128	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.	2.3	6
129	Analysis and quantification of bone healing after open wedge high tibial osteotomy. <i>Wiener Klinische Wochenschrift</i> , 2019, 131, 587-598.	1.9	6
130	Nonmechanical Revision Indications Portend Repeat Limb-Salvage Failure Following Total Femoral Replacement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1511-1520.	3.0	6
131	Compositional magnetic resonance imaging in the evaluation of the intervertebral disc: Axial vs sagittal T ₂ mapping. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2057-2064.	2.3	6
132	Epiphysiodesis for the treatment of tall stature and leg length discrepancy. <i>Wiener Medizinische Wochenschrift</i> , 2021, 171, 133-141.	1.1	6
133	Proximal femoral reconstruction with modular megaprotheses in non-oncological patients. <i>International Orthopaedics</i> , 2021, 45, 2531-2542.	1.9	6
134	Patient-Specific Implants for Pelvic Tumor Resections. <i>Journal of Personalized Medicine</i> , 2021, 11, 683.	2.5	6
135	Diagnostic accuracy of ultrasound-guided core needle biopsy versus incisional biopsy in soft tissue sarcoma: an institutional experience. <i>Scientific Reports</i> , 2021, 11, 17832.	3.3	6
136	Results in the surgical treatment of aneurysmal bone cysts—A retrospective data analysis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2022, 108, 103095.	2.0	6
137	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> , 2022, 108, 103229.	2.0	6
138	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.	2.1	5
139	Peroneus brevis as source of instability in Jones fracture fixation. <i>International Orthopaedics</i> , 2020, 44, 1409-1416.	1.9	5
140	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.	4.4	5
141	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.	4.2	5
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