

Marcus Jäger

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

3,732
citations

101384

36
h-index

161609

54
g-index

160
all docs

160
docs citations

160
times ranked

5093
citing authors

#	ARTICLE	IF	CITATIONS
1	A network of trans-cortical capillaries as mainstay for blood circulation in long bones. <i>Nature Metabolism</i> , 2019, 1, 236-250.	5.1	221
2	Bridging the gap: Bone marrow aspiration concentrate reduces autologous bone grafting in osseous defects. <i>Journal of Orthopaedic Research</i> , 2011, 29, 173-180.	1.2	155
3	Femoroacetabular impingement caused by a femoral osseous headâ€œneck bump deformity: clinical, radiological, and experimental results. <i>Journal of Orthopaedic Science</i> , 2004, 9, 256-263.	0.5	154
4	The Pathology of Orthopedic Implant Failure Is Mediated by Innate Immune System Cytokines. <i>Mediators of Inflammation</i> , 2014, 2014, 1-9.	1.4	128
5	Bone Marrow Concentrate: A Novel Strategy for Bone Defect Treatment. <i>Current Stem Cell Research and Therapy</i> , 2009, 4, 34-43.	0.6	123
6	Antimicrobial and Osseointegration Properties of Nanostructured Titanium Orthopaedic Implants. <i>Materials</i> , 2017, 10, 1302.	1.3	90
7	Inflammation-induced hyperalgesia: Effects of timing, dosage, and negative affect on somatic pain sensitivity in human experimental endotoxemia. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 46-54.	2.0	89
8	Mesenchymal Stem Cells Augment the Anti-Bacterial Activity of Neutrophil Granulocytes. <i>PLoS ONE</i> , 2014, 9, e106903.	1.1	86
9	Multiple myelomaâ€œrelated deregulation of bone marrowâ€œderived CD34+ hematopoietic stem and progenitor cells. <i>Blood</i> , 2012, 120, 2620-2630.	0.6	82
10	Bone Healing and Migration of Cord Blood-Derived Stem Cells Into a Critical Size Femoral Defect After Xenotransplantation. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1224-1233.	3.1	81
11	Safety of autologous bone marrow aspiration concentrate transplantation: initial experiences in 101 patients. <i>Orthopedic Reviews</i> , 2009, 1, e32.	0.3	72
12	Dexamethasone modulates BMPâ€œ2 effects on mesenchymal stem cells in vitro. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1440-1448.	1.2	69
13	Rationale for PGI2 in bone marrow edema - from theory to application. <i>Arthritis Research and Therapy</i> , 2008, 10, R120.	1.6	69
14	Biotribology of a vitamin E-stabilized polyethylene for hip arthroplasty â€œ Influence of artificial ageing and third-body particles on wear. <i>Acta Biomaterialia</i> , 2014, 10, 3068-3078.	4.1	59
15	Inflammation-induced pain sensitization in men and women. <i>Pain</i> , 2015, 156, 1954-1964.	2.0	59
16	Human mesenchymal stromal/stem cells acquire immunostimulatory capacity upon cross-talk with natural killer cells and might improve the NK cell function of immunocompromised patients. <i>Stem Cell Research and Therapy</i> , 2016, 7, 88.	2.4	57
17	Long-term survivorship of stemless anatomical shoulder replacement. <i>International Orthopaedics</i> , 2018, 42, 1327-1330.	0.9	57
18	Mesenchymal stem cells from osteoporotic patients feature impaired signal transduction but sustained osteoinduction in response to BMP-2 stimulation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 617-622.	1.0	56

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19	Efficiency of iloprost treatment for osseous malperfusion. <i>International Orthopaedics</i> , 2011, 35, 761-765.	0.9	55
20	Diagnostic accuracy of neutrophilâ€derived circulating free DNA (cfâ€DNA/NETs) for septic arthritis. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1401-1407.	1.2	53
21	Interaction with Mesenchymal Stem Cells Provokes Natural Killer Cells for Enhanced IL-12/IL-18-Induced Interferon-Gamma Secretion. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	53
22	Arthroscopic three-dimensional autologous chondrocyte transplantation using spheroids for the treatment of full-thickness cartilage defects of the hip joint. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2032-2037.	2.3	52
23	Clinical outcome and genotype in patients with hereditary multiple exostoses. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1541-1551.	1.2	50
24	Delayed gadolinium-enhanced magnetic resonance imaging of cartilage (dGEMRIC), after slipped capital femoral epiphysis. <i>European Journal of Radiology</i> , 2011, 79, 400-406.	1.2	50
25	Cell therapy in bone healing disorders. <i>Orthopedic Reviews</i> , 2010, 2, e20.	0.3	49
26	Physiology and pathophysiology of nitrosative and oxidative stress in osteoarthritic joint destruction. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011, 89, 455-466.	0.7	46
27	Measurement of the Silver Ion Concentration in Wound Fluids after Implantation of Silver-Coated Megaprotheses: Correlation with the Clinical Outcome. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	46
28	Plateletâ€rich plasma on calcium phosphate granules promotes metaphyseal bone healing in miniâ€pigs. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1448-1455.	1.2	44
29	Assessment of early cartilage degeneration after slipped capital femoral epiphysis using T2 and T2* mapping. <i>Acta Radiologica</i> , 2011, 52, 106-110.	0.5	44
30	Blood biomarkers of osteoporosis in mild cognitive impairment and Alzheimerâ€™s disease. <i>Journal of Neural Transmission</i> , 2009, 116, 905-911.	1.4	43
31	Long-term clinical results after iloprost treatment for bone marrow edema and avascular necrosis. <i>Orthopedic Reviews</i> , 2016, 8, 6150.	0.3	43
32	Sex differences in the pro-inflammatory cytokine response to endotoxin unfold <i>in vivo</i> but not <i>ex vivo</i> in healthy humans. <i>Innate Immunity</i> , 2017, 23, 432-439.	1.1	43
33	The epidemiology of single season musculoskeletal injuries in professional baseball. <i>Orthopedic Reviews</i> , 2013, 5, e3.	0.3	41
34	Modifications to advanced Core decompression for treatment of Avascular necrosis of the femoral head. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 479.	0.8	39
35	Delayed Gadolinium-enhanced Magnetic Resonance Imaging of Cartilage in the Long-term Follow-up After Perthes Disease. <i>Journal of Pediatric Orthopaedics</i> , 2010, 30, 147-153.	0.6	38
36	Fatal outcome of a disseminated dual infection with drug-resistant <i>Mycoplasma hominis</i> and <i>Ureaplasma parvum</i> originating from a septic arthritis in an immunocompromised patient. <i>International Journal of Infectious Diseases</i> , 2010, 14, e307-e309.	1.5	38

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37	Advanced core decompression, a new treatment option of avascular necrosis of the femoral head - a first follow-up. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 893-900.	1.3	37
38	PGE ₂ and BMP-2 in bone and cartilage metabolism: 2 intertwining pathways. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 1434-1445.	0.7	33
39	Is early treatment of cam-type femoroacetabular impingement the key to avoiding associated full thickness isolated chondral defects?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2332-2337.	2.3	32
40	Cord Blood – An Alternative Source for Bone Regeneration. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 266-277.	5.6	30
41	Validity of gradient-echo three-dimensional delayed gadolinium-enhanced magnetic resonance imaging of hip joint cartilage: A histologically controlled study. <i>European Journal of Radiology</i> , 2013, 82, e81-e86.	1.2	30
42	Age-related transcription levels of KU70, MGST1 and BIK in CD34+ hematopoietic stem and progenitor cells. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 503-510.	2.2	27
43	Circulating growth/differentiation factor 15 is associated with human CD56bright natural killer cell dysfunction and nosocomial infection in severe systemic inflammation. <i>EBioMedicine</i> , 2019, 43, 380-391.	2.7	27
44	Long-term results of the reverse Total Evolutive Shoulder System (TESS). <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1039-1044.	1.3	27
45	Two-year follow-up after advanced core decompression. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1308-1314.	1.3	26
46	RANKL-associated suppression of particle-induced osteolysis in an aged model of Calcitonin and \pm -CGRP deficiency. <i>Biomaterials</i> , 2013, 34, 2911-2919.	5.7	25
47	Direct comparison of intra-articular versus intravenous delayed gadolinium-enhanced MRI of hip joint cartilage. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 94-102.	1.9	24
48	Surgical Treatment of AVN of the Fibular (Lateral) Sesamoid. <i>Foot and Ankle International</i> , 2008, 29, 231-236.	1.1	23
49	Significance of clinical and radiographic findings in young adults after slipped capital femoral epiphysis. <i>International Orthopaedics</i> , 2011, 35, 1295-1301.	0.9	23
50	MRI morphometry, cartilage damage and impaired function in the follow-up after slipped capital femoral epiphysis. <i>Skeletal Radiology</i> , 2010, 39, 533-541.	1.2	21
51	Assessment and management of chronic pain in patients with stable total hip arthroplasty. <i>International Orthopaedics</i> , 2013, 37, 1-7.	0.9	21
52	A prospective randomized peri- and post-operative comparison of the minimally invasive anterolateral approach versus the lateral approach. <i>Orthopedic Reviews</i> , 2013, 5, e19.	0.3	21
53	Transforaminal lumbar interbody fusion with expandable cages: Radiological and clinical results of banana-shaped and straight implants. <i>Journal of Craniovertebral Junction and Spine</i> , 2018, 9, 196.	0.4	21
54	Identification of hospitalized elderly patients at risk for adverse in-hospital outcomes in a university orthopedics and trauma surgery environment. <i>PLoS ONE</i> , 2017, 12, e0187801.	1.1	20

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55	Calcitonin Gene-Related Peptide Modulates the Production of Pro-Inflammatory Cytokines Associated with Periprosthetic Osteolysis by THP-1 Macrophage-Like Cells. <i>NeuroImmunoModulation</i> , 2015, 22, 152-165.	0.9	19
56	Ovine cord blood accommodates multipotent mesenchymal progenitor cells. <i>In Vivo</i> , 2006, 20, 205-14.	0.6	19
57	Partial hemi-resurfacing of the hip joint "a new approach to treat local osteochondral defects? / Gelenkoberflächen-Teilersatz am Hüftgelenk "ein neuer Ansatz zur Behandlung osteochondraler Defekte?. <i>Biomedizinische Technik</i> , 2006, 51, 371-376.	0.9	18
58	Efficiency of iloprost treatment for chemotherapy-associated osteonecrosis after childhood cancer. <i>Anticancer Research</i> , 2009, 29, 3433-40.	0.5	18
59	Vitamin E-blended highly cross-linked polyethylene liners in total hip arthroplasty: a randomized, multicenter trial using virtual CAD-based wear analysis at 5-year follow-up. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1859-1866.	1.3	17
60	Treatment of Congenital Spondyloptosis in an 18-Month-Old Patient With a 10-Year Follow-Up. <i>Spine</i> , 2001, 26, E502-E505.	1.0	16
61	The influence of calcitonin gene-related peptide on markers of bone metabolism in MG-63 osteoblast-like cells co-cultured with THP-1 macrophage-like cells under virtually osteolytic conditions. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 199.	0.8	15
62	The direct anterior approach provokes varus stem alignment when using a collarless straight tapered stem. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 891-897.	1.3	15
63	Can thrombin-activated platelet releasate compensate the age-induced decrease in cell proliferation of MSC?. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1786-1795.	1.2	14
64	Geometric analysis of an expandable reamer for treatment of avascular necrosis of the femoral head. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 1357-1362.	1.3	14
65	Equivalent Mid-Term Results of Open vs Endoscopic Gluteal Tendon Tear Repair Using Suture Anchors in Forty-Five Patients. <i>Journal of Arthroplasty</i> , 2020, 35, S352-S358.	1.5	14
66	Bone Substitutes in Orthopaedic Surgery: Current Status and Future Perspectives. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 304-313.	0.4	14
67	Functionalization of Synthetic Bone Substitutes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4412.	1.8	14
68	Magnetic resonance imaging of hip joint cartilage and labrum. <i>Orthopedic Reviews</i> , 2011, 3, e9.	0.3	13
69	A multicenter approach evaluating the impact of vitamin E-blended polyethylene in cementless total hip replacement. <i>Orthopedic Reviews</i> , 2014, 6, 5285.	0.3	13
70	3 Tesla high-resolution and delayed gadolinium enhanced MR imaging of cartilage (dGEMRIC) after autologous chondrocyte transplantation in the hip. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 624-633.	1.9	13
71	Bone marrow aspirate concentrate in combination with intravenous iloprost increases bone healing in patients with avascular necrosis of the femoral head: a matched pair analysis. <i>Orthopedic Reviews</i> , 2016, 8, 6902.	0.3	13
72	Cost-effectiveness of timely versus delayed primary total hip replacement in Germany: A social health insurance perspective. <i>Orthopedic Reviews</i> , 2017, 9, 7161.	0.3	13

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73	Computed-tomography-guided biopsy in suspected spondylodiscitis: Single-center experience including 201 biopsy procedures. <i>Orthopedic Reviews</i> , 2019, 11, 7793.	0.3	13
74	Post-transplant distal limb syndrome: clinical diagnosis and long-term outcome in 37 renal transplant recipients. <i>Transplant International</i> , 2008, 21, 547-553.	0.8	12
75	The "critical trochanter angle": a predictor for stem alignment in total hip arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 165.	0.9	12
76	Surgical vacuum filter-derived stromal cells are superior in proliferation to human bone marrow aspirate. <i>Stem Cell Research and Therapy</i> , 2019, 10, 338.	2.4	12
77	Delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) and morphologic MRI of cartilage in the long-term follow-up after Legg-Calvé-Perthes disease (LCPD). <i>Journal of Medical Imaging and Radiation Oncology</i> , 2011, 55, 259-265.	0.9	11
78	Non-hematopoietic essential functions of bone marrow cells: a review of scientific and clinical literature and rationale for treating bone defects. <i>Orthopedic Reviews</i> , 2015, 7, 5691.	0.3	11
79	Migration pattern of cementless press fit cups in the presence of stabilizing screws in total hip arthroplasty. <i>European Journal of Medical Research</i> , 2011, 16, 127.	0.9	10
80	Inhibition of osteoclastogenesis by RNA interference targeting RANK. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 154.	0.8	10
81	The role of calcitonin receptor signalling in polyethylene particle-induced osteolysis. <i>Acta Biomaterialia</i> , 2015, 14, 125-132.	4.1	10
82	Operative Technique and Clinical Outcome in Endoscopic Core Decompression of Osteochondral Lesions of the Talus: A Pilot Study. <i>Medical Science Monitor</i> , 2016, 22, 2278-2283.	0.5	10
83	Intrasurgical Protein Layer on Titanium Arthroplasty Explants: From the Big Twelve to the Implant Proteome. <i>Proteomics - Clinical Applications</i> , 2019, 13, 1800168.	0.8	10
84	The influence of chronic kidney disease on the duration of hospitalisation and transfusion rate after elective hip and knee arthroplasty. <i>International Urology and Nephrology</i> , 2019, 51, 147-153.	0.6	10
85	Is Procalcitonin (PCT) a reliable biomarker for preoperative diagnosing of low grade periprosthetic joint infection? A prospective study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 257.	0.8	10
86	Backside Wear Analysis of Retrieved Acetabular Liners with a Press-Fit Locking Mechanism in Comparison to Wear Simulation In Vitro. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	9
87	The influence of ABO blood group on mortality in major trauma. <i>Orthopedic Reviews</i> , 2019, 11, 8214.	0.3	9
88	Vitamin E-blended versus conventional polyethylene liners in prostheses. <i>Der Orthopade</i> , 2020, 49, 1077-1085.	0.7	9
89	The BCL2 -938C>A Promoter Polymorphism Is Associated with Risk for and Time to Aseptic Loosening of Total Hip Arthroplasty. <i>PLoS ONE</i> , 2016, 11, e0149528.	1.1	9
90	Biomechanical Stability and Osteogenesis in a Tibial Bone Defect Treated by Autologous Ovine Cord Blood Cells: A Pilot Study. <i>Molecules</i> , 2019, 24, 295.	1.7	8

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91	Prevalence of CAM deformity and its influence on therapy success in patients with osteonecrosis of the femoral head. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 546-554.	1.3	8
92	Antigen expression of cord blood derived stem cells under osteogenic stimulation in vitro. <i>Cell Biology International</i> , 2007, 31, 950-957.	1.4	7
93	Osteogenic differentiation and proliferation of bone marrow-derived mesenchymal stromal cells on <sc>PDLLA</sc>-coated <sc>BMP</sc>-coated titanium alloy surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 145-154.		7
94	A single intraperitoneal injection of bovine fetuin-A attenuates bone resorption in a murine calvarial model of particle-induced osteolysis. <i>Bone</i> , 2017, 105, 262-268.	1.4	7
95	Relationship between GNAS1 T393C polymorphism and aseptic loosening after total hip arthroplasty. <i>European Journal of Medical Research</i> , 2017, 22, 29.	0.9	7
96	Willingness of medical students to be examined in a physical examination course. <i>BMC Medical Education</i> , 2018, 18, 246.	1.0	7
97	Ceramic Scaffolds in a Vacuum Suction Handle for Intraoperative Stromal Cell Enrichment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6393.	1.8	7
98	Spinning around or stagnation - what do osteoblasts and chondroblasts really like?. <i>European Journal of Medical Research</i> , 2010, 15, 35.	0.9	6
99	Kynurenine inhibits chondrocyte proliferation and is increased in synovial fluid of patients with septic arthritis. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1490-1496.	1.2	6
100	Cementless second-generation hydroxyapatite CaP-coated tibial component: an 8.7-year follow-up. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 1759-1764.	1.3	6
101	Influence of kitesurf equipment on injury rates. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 1482-1489.	0.4	6
102	Prostacyclin Suppresses Twist Expression in the Presence of Indomethacin in Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Medical Science Monitor</i> , 2014, 20, 2219-2227.	0.5	6
103	Diagnostic Accuracy of Synovial Neopterin, TNF- α and Presepsin in Periprosthetic Joint Infection: A Prospective Study. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, , .	0.4	6
104	Cup positioning and its effect on polyethylene wear of vitamin E- and non-vitamin E-supplemented liners in total hip arthroplasty: radiographic outcome at 5-year follow-up. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 1679-1688.	1.3	6
105	Ulna/Height Ratio as Clinical Parameter Separating EXT1 from EXT2 Families?. <i>Genetic Testing and Molecular Biomarkers</i> , 2008, 12, 129-133.	1.7	5
106	Injury pattern due to falls from hunting stands. <i>Orthopedic Reviews</i> , 2011, 3, 10.	0.3	5
107	Wear Kinetics of Highly Cross-Linked and Conventional Polyethylene Are Similar at Medium-term Follow-Up After Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 2671-2676.	1.5	5
108	First ray alignment in Lapidus arthrodesis – Effect on plantar pressure distribution and the occurrence of metatarsalgia. <i>Foot</i> , 2020, 45, 101686.	0.4	5

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109	Long-Term Radiographic Changes in Stemless Press-Fit Total Shoulder Arthroplasty. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2021, 159, 274-280.	0.4	5
110	Does Needle Design Affect the Regenerative Potential of Bone Marrow Aspirate? An In Vitro Study. Life, 2021, 11, 748.	1.1	5
111	Metal Artefact Reduction Sequences (MARS) in Magnetic Resonance Imaging (MRI) after Total Hip Arthroplasty (THA). BMC Musculoskeletal Disorders, 2022, 23, .	0.8	5
112	Initial increased wear debris of XLPE-Al2O3 bearing in total hip arthroplasties. Archives of Orthopaedic and Trauma Surgery, 2010, 130, 1481-1486.	1.3	4
113	Slow as Compared to Rapid Rewarming After Mild Hypothermia Improves Survival in Experimental Shock. Journal of Surgical Research, 2019, 236, 300-310.	0.8	4
114	Functional Knee Performance Differences in Handball are Depending on Playing Class. International Journal of Sports Medicine, 2020, 41, 652-660.	0.8	4
115	A Novel Multiple-Cue Observational Clinical Scale for Functional Evaluation of Gait After Stroke – The Stroke Mobility Score (SMS). Medical Science Monitor, 2020, 26, e923147.	0.5	4
116	Who benefits more in osteoporotic fractures: Pedicle screw instrumentation or kyphoplasty for American Society of Anesthesiologists II/III patients?. Journal of Craniovertebral Junction and Spine, 2018, 9, 232.	0.4	4
117	Major Surgical Trauma Impairs the Function of Natural Killer Cells but Does Not Affect Monocyte Cytokine Synthesis. Life, 2022, 12, 13.	1.1	4
118	Treatment of congenital scoliosis in an 8-month-old child. Archives of Orthopaedic and Trauma Surgery, 2002, 122, 418-420.	1.3	3
119	Z-osteotomy in hallux valgus: clinical and radiological outcome after Scarf osteotomy. Orthopedic Reviews, 2009, 1, e4.	0.3	3
120	Geometric analysis and clinical outcome of two cemented stems for primary total hip replacement with and without modular necks. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 1571-1578.	1.3	3
121	Laser-Induced Nanostructures on Titanium Surfaces as Developed in the Aeronautics and Space Industry Foster Osteoblast Activity and Function In Vitro. Advanced Materials Interfaces, 2018, 5, 1801125.	1.9	3
122	Functional knee stability in non-elite handball: balance and jump performance differ based on players' position. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 1212-1220.	2.3	3
123	A small series of pole sport injuries. Orthopedic Reviews, 2020, 12, 8308.	0.3	3
124	Injuries and Overuse Syndromes in Rink Hockey Players. International Journal of Sports Medicine, 2021, 42, 132-137.	0.8	3
125	A Possible Mobile Health Solution in Orthopedics and Trauma Surgery: Development Protocol and User Evaluation of the Ankle Joint App. JMIR MHealth and UHealth, 2020, 8, e16403.	1.8	3
126	Comprehensive Biocompatibility Testing of a New Semirigid Titanium Spine Implant in Vitro. European Journal of Trauma and Emergency Surgery, 2002, 28, 279-288.	0.3	2

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127	The double-transforaminal lumbar interbody fusion: an innovative one-stage surgical technique for posterior kyphosis correction. <i>Orthopedic Reviews</i> , 2017, 9, 7107.	0.3	2
128	Synovial Alpha-defensin at Reimplantation in Two-stage Revision Arthroplasty to Rule Out Persistent Infection. <i>In Vivo</i> , 2021, 35, 1073-1081.	0.6	2
129	A bicentric approach evaluating the combination of a hemispheric cup with a novel ceramic head in total hip arthroplasty. <i>Orthopedic Reviews</i> , 2021, 13, 8794.	0.3	2
130	The Implant Proteome – The Right Surgical Glue to Fix Titanium Implants In Situ. <i>Journal of Functional Biomaterials</i> , 2022, 13, 44.	1.8	2
131	How to Prevent Small Stature in Rett Syndrome – Associated Collapsing Spine Syndrome. <i>Journal of Child Neurology</i> , 2007, 22, 443-446.	0.7	1
132	Hyperthermia Associated Osteonecrosis in Young Patients with Pelvic Malignancies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 571-575.	0.9	1
133	The intertwining pathways in biology and biomechanics in femoro-acetabular impingement (FAI) patients. <i>Procedia IUTAM</i> , 2011, 2, 82-85.	1.2	1
134	An in vivo rat model of self-control continuous intramedullary infusion of ultra-high molecular weight polyethylene particles by osmotic pumps. <i>Journal of Orthopaedic Translation</i> , 2013, 1, 49-56.	1.9	1
135	Effects of different 1-34 parathyroid hormone dosages on fibroblast growth factor-23 secretion in human bone marrow cells following osteogenic differentiation. <i>Orthopedic Reviews</i> , 2014, 6, 5314.	0.3	1
136	Evaluation of intra- and interobserver reliability in the assessment of the –critical trochanter angle–™. <i>European Journal of Medical Research</i> , 2020, 25, 67.	0.9	1
137	Partial Hemiresurfacing of Osteochondral Defects of the Talus? Surgical Technique and Preliminary Report from Four Patients. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2018, 156, 414-422.	0.4	0
138	Synovial bone sialoprotein indicates aseptic failure in total joint arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 193.	0.9	0
139	Supportive Methoden zur Knochenheilung. , 2018, , 33-69.		0
140	Unilateral Swelling and Functional Impairment of Unknown Origin in the Right Arm. <i>Deutsches A&#x0308;rztblatt International</i> , 2019, 116, 143.	0.6	0
141	A Retrospective Single-Center Study of 23 Patients to Compare Gait Before and After Total Hip Arthroplasty Using the S-ROM Modular Hip System. <i>Medical Science Monitor</i> , 2021, 28, e934558.	0.5	0