

Hagen Schmal

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6607162/hagen-schmal-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

149
papers

4,374
citations

35
h-index

62
g-index

179
ext. papers

5,088
ext. citations

3.9
avg, IF

5.23
L-index

#	Paper	IF	Citations
149	Protective effects of C5a blockade in sepsis. <i>Nature Medicine</i> , 1999 , 5, 788-92	50.5	349
148	Characteristic complications after autologous chondrocyte implantation for cartilage defects of the knee joint. <i>American Journal of Sports Medicine</i> , 2008 , 36, 2091-9	6.8	199
147	Comparison of immunological properties of bone marrow stromal cells and adipose tissue-derived stem cells before and after osteogenic differentiation in vitro. <i>Tissue Engineering</i> , 2007 , 13, 111-21		158
146	Open-wedge osteotomy using an internal plate fixator in patients with medial-compartment gonarthrosis and varus malalignment: 3-year results with regard to preoperative arthroscopic and radiographic findings. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010 , 26, 1607-16	5.4	146
145	Mortality in patients with pelvic fractures: results from the German pelvic injury register. <i>Journal of Trauma</i> , 2008 , 64, 449-55		133
144	Arthroscopic Transtibial Pullout Repair for Posterior Medial Meniscus Root Tears: A Systematic Review of Clinical, Radiographic, and Second-Look Arthroscopic Results. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015 , 31, 1808-16	5.4	123
143	Role of CC chemokines (macrophage inflammatory protein-1 beta, monocyte chemoattractant protein-1, RANTES) in acute lung injury in rats. <i>Journal of Immunology</i> , 2000 , 164, 2650-9	5.3	119
142	Differential effects of BMP-2 and TGF-beta1 on chondrogenic differentiation of adipose derived stem cells. <i>Cell Proliferation</i> , 2007 , 40, 809-23	7.9	112
141	Long-term outcomes after first-generation autologous chondrocyte implantation for cartilage defects of the knee. <i>American Journal of Sports Medicine</i> , 2014 , 42, 150-7	6.8	110
140	Prospective 5-year survival rate data following open-wedge valgus high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015 , 23, 1949-55	5.5	109
139	Mechanisms of enhanced lung injury during sepsis. <i>American Journal of Pathology</i> , 1999 , 154, 1057-65	5.8	109
138	Expression of lung vascular and airway ICAM-1 after exposure to bacterial lipopolysaccharide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997 , 17, 344-52	5.7	107
137	Mesenchymal stem cells maintain TGF-beta-mediated chondrogenic phenotype in alginate bead culture. <i>Tissue Engineering</i> , 2006 , 12, 1393-403		105
136	Autologous chondrocyte implantation for the treatment of chondral and osteochondral defects of the talus: a meta-analysis of available evidence. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012 , 20, 1696-703	5.5	92
135	Malposition and revision rates of different imaging modalities for percutaneous iliosacral screw fixation following pelvic fractures: a systematic review and meta-analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013 , 133, 1257-65	3.6	87
134	Differential expression pattern of extracellular matrix molecules during chondrogenesis of mesenchymal stem cells from bone marrow and adipose tissue. <i>Tissue Engineering</i> , 2006 , 12, 2853-62		87
133	Autologous chondrocyte implantation for treatment of cartilage defects of the knee: what predicts the need for reintervention?. <i>American Journal of Sports Medicine</i> , 2012 , 40, 58-67	6.8	82

132	A non-randomized controlled clinical trial on autologous chondrocyte implantation (ACI) in cartilage defects of the medial femoral condyle with or without high tibial osteotomy in patients with varus deformity of less than 5°. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013 , 133, 43-9	3.6	75
131	Survival trends and predictors of mortality in severe pelvic trauma: estimates from the German Pelvic Trauma Registry Initiative. <i>Injury</i> , 2011 , 42, 997-1002	2.5	70
130	Survival of human mesenchymal stromal cells from bone marrow and adipose tissue after xenogenic transplantation in immunocompetent mice. <i>Cytotherapy</i> , 2008 , 10, 784-95	4.8	65
129	Angioembolization for pelvic hemorrhage control: results from the German pelvic injury register. <i>Journal of Trauma</i> , 2012 , 73, 679-84		58
128	Protective effects of an aptamer inhibitor of neutrophil elastase in lung inflammatory injury. <i>Current Biology</i> , 1997 , 7, 877-80	6.3	58
127	Development and characterization of a spheroidal coculture model of endothelial cells and fibroblasts for improving angiogenesis in tissue engineering. <i>Cells Tissues Organs</i> , 2005 , 181, 80-8	2.1	58
126	Clinical results after different operative treatment methods of radial head and neck fractures: a systematic review and meta-analysis of clinical outcome. <i>Injury</i> , 2013 , 44, 1540-50	2.5	52
125	Chondrocyte-seeded type I/III collagen membrane for autologous chondrocyte transplantation: prospective 2-year results in patients with cartilage defects of the knee joint. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2010 , 26, 1074-82	5.4	52
124	First-generation versus second-generation autologous chondrocyte implantation for treatment of cartilage defects of the knee: a matched-pair analysis on long-term clinical outcome. <i>International Orthopaedics</i> , 2014 , 38, 2065-70	3.8	51
123	Computer-assisted navigation for the intraoperative assessment of lower limb alignment in high tibial osteotomy can avoid outliers compared with the conventional technique. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013 , 21, 181-8	5.5	51
122	Chondrogenesis of adipose-derived adult stem cells in a poly-lactide-co-glycolide scaffold. <i>Tissue Engineering - Part A</i> , 2009 , 15, 1159-67	3.9	51
121	Influence of cell quality on clinical outcome after autologous chondrocyte implantation. <i>American Journal of Sports Medicine</i> , 2012 , 40, 556-61	6.8	50
120	Role of complement in in vitro and in vivo lung inflammatory reactions. <i>Journal of Leukocyte Biology</i> , 1998 , 64, 40-8	6.5	49
119	Chondrogenic differentiation of human articular chondrocytes differs in biodegradable PGA/PLA scaffolds. <i>Tissue Engineering</i> , 2007 , 13, 2335-43		48
118	Synergistic enhancement of chemokine generation and lung injury by C5a or the membrane attack complex of complement. <i>American Journal of Pathology</i> , 1999 , 154, 1513-24	5.8	44
117	The Potential for Synovium-derived Stem Cells in Cartilage Repair. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 174-184	3.6	42
116	Long-term T2 and Qualitative MRI Morphology After First-Generation Knee Autologous Chondrocyte Implantation: Cartilage Ultrastructure Is Not Correlated to Clinical or Qualitative MRI Outcome. <i>American Journal of Sports Medicine</i> , 2014 , 42, 1832-40	6.8	39
115	Presence of subchondral bone marrow edema at the time of treatment represents a negative prognostic factor for early outcome after autologous chondrocyte implantation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010 , 130, 977-83	3.6	36

114	Epidemiology and outcome of complex pelvic injury. <i>Acta Orthopaedica Belgica</i> , 2005 , 71, 41-7	1.3	34
113	Intra- and postoperative complications of navigated and conventional techniques in percutaneous iliosacral screw fixation after pelvic fractures: Results from the German Pelvic Trauma Registry. <i>Injury</i> , 2013 , 44, 1765-72	2.5	32
112	Clinical outcomes after cell-seeded autologous chondrocyte implantation of the knee: when can success or failure be predicted?. <i>American Journal of Sports Medicine</i> , 2014 , 42, 208-15	6.8	32
111	Surgical treatment of osteochondritis dissecans of the talus: a systematic review. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012 , 132, 1241-50	3.6	32
110	bFGF influences human articular chondrocyte differentiation. <i>Cytotherapy</i> , 2007 , 9, 184-93	4.8	32
109	The trans-well coculture of human synovial mesenchymal stem cells with chondrocytes leads to self-organization, chondrogenic differentiation, and secretion of TGF β . <i>Stem Cell Research and Therapy</i> , 2016 , 7, 64	8.3	31
108	Differing patterns of P-selectin expression in lung injury. <i>American Journal of Pathology</i> , 1998 , 153, 1113-22	5.2	30
107	Indications for computed tomography (CT-) diagnostics in proximal humeral fractures: a comparative study of plain radiography and computed tomography. <i>BMC Musculoskeletal Disorders</i> , 2009 , 10, 33	2.8	27
106	Roles for C-X-C chemokines and C5a in lung injury after hindlimb ischemia-reperfusion. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 276, L57-63	5.8	27
105	Particulate cartilage under bioreactor-induced compression and shear. <i>International Orthopaedics</i> , 2014 , 38, 1105-11	3.8	26
104	In vivo quantification of intraarticular cytokines in knees during natural and surgically induced cartilage repair. <i>Cytotherapy</i> , 2009 , 11, 1065-75	4.8	26
103	In vitro cell quality of articular chondrocytes assigned for autologous implantation in dependence of specific patient characteristics. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011 , 131, 779-89	3.6	23
102	Flexible fixation and fracture healing: do locked plating Internal fixators resemble external fixators?. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25 Suppl 1, S15-20	3.1	22
101	Association between expression of the bone morphogenetic proteins 2 and 7 in the repair of circumscribed cartilage lesions with clinical outcome. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 170	2.8	21
100	Comparison of cellular functionality of human mesenchymal stromal cells and PBMC. <i>Cytotherapy</i> , 2007 , 9, 69-79	4.8	21
99	The enigma of atypical femoral fractures: A summary of current knowledge. <i>EFORT Open Reviews</i> , 2018 , 3, 494-500	5.5	21
98	Autologous chondrocyte implantation in children and adolescents. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013 , 21, 671-7	5.5	20
97	Microfracture for treatment of knee cartilage defects in children and adolescents. <i>Mental Illness</i> , 2012 , 4, e21	0.9	20

96	Effects of three-dimensional navigation on intraoperative management and early postoperative outcome after open reduction and internal fixation of displaced acetabular fractures. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, 950-6	3.3	20
95	In-vitro chondrogenic potential of synovial stem cells and chondrocytes allocated for autologous chondrocyte implantation - a comparison : Synovial stem cells as an alternative cell source for autologous chondrocyte implantation. <i>International Orthopaedics</i> , 2017 , 41, 991-998	3.8	18
94	A Systematic Review and Meta-Analysis on Treatment of Ankle Fractures With Syndesmotic Rupture: Suture-Button Fixation Versus Cortical Screw Fixation. <i>Journal of Foot and Ankle Surgery</i> , 2019 , 58, 946-953	1.6	18
93	Induction of Osteogenic Differentiation in Human Mesenchymal Stem Cells by Crosstalk with Osteoblasts. <i>BioResearch Open Access</i> , 2015 , 4, 121-30	2.4	18
92	Nonunion - consensus from the 4th annual meeting of the Danish Orthopaedic Trauma Society. <i>EFORT Open Reviews</i> , 2020 , 5, 46-57	5.5	18
91	Radiographic classification for fractures of the fifth metatarsal base. <i>Skeletal Radiology</i> , 2014 , 43, 467-74.	4.7	18
90	Clinical trial and in-vitro study comparing the efficacy of treating bony lesions with allografts versus synthetic or highly-processed xenogeneic bone grafts. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 77	2.8	17
89	Biochemical characterization of early osteoarthritis in the ankle. <i>Scientific World Journal, The</i> , 2014 , 2014, 434802	2.2	17
88	Pain perception in knees with circumscribed cartilage lesions is associated with intra-articular IGF-1 expression. <i>American Journal of Sports Medicine</i> , 2011 , 39, 1989-96	6.8	17
87	Predictors for secondary hip osteoarthritis after acetabular fractures-a pelvic registry study. <i>International Orthopaedics</i> , 2019 , 43, 2167-2173	3.8	17
86	Pelvic Fractures in Children Results from the German Pelvic Trauma Registry: A Cohort Study. <i>Medicine (United States)</i> , 2015 , 94, e2325	1.8	16
85	Nanomechanics of human adipose-derived stem cells: small GTPases impact chondrogenic differentiation. <i>Tissue Engineering - Part A</i> , 2012 , 18, 1035-44	3.9	16
84	Regulative mechanisms of chondrocyte adhesion. <i>Tissue Engineering</i> , 2006 , 12, 741-50		16
83	Stimulation of chondrocytes in vitro by gene transfer with plasmids coding for epidermal growth factor (hEGF) and basic fibroblast growth factor (bFGF). <i>Cytotherapy</i> , 2005 , 7, 292-300	4.8	16
82	Synovial cytokine expression in ankle osteoarthritis depends on age and stage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015 , 23, 1359-67	5.5	15
81	Inter- and intraobserver reliability of the MTM-classification for proximal humeral fractures: a prospective study. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 21	2.8	15
80	Identification of risk factors for neurological deficits in patients with pelvic fractures. <i>Orthopedics</i> , 2010 , 33,	1.5	15
79	BMP2 and TGF- β Cooperate Differently during Synovial-Derived Stem-Cell Chondrogenesis in a Dexamethasone-Dependent Manner. <i>Cells</i> , 2019 , 8,	7.9	14

78	Early intra-articular complement activation in ankle fractures. <i>BioMed Research International</i> , 2014 , 2014, 426893	3	13
77	Monitoring live human mesenchymal stromal cell differentiation and subsequent selection using fluorescent RNA-based probes. <i>Scientific Reports</i> , 2016 , 6, 26014	4.9	13
76	The Tissue Renin-Angiotensin System and Its Role in the Pathogenesis of Major Human Diseases: Quo Vadis?. <i>Cells</i> , 2021 , 10,	7.9	13
75	Age and "general health"-beside fracture classification-affect the therapeutic decision for geriatric pelvic ring fractures: a German pelvic injury register study. <i>International Orthopaedics</i> , 2019 , 43, 2629-2636	3.8	12
74	Autologous Chondrocyte Implantation in Osteoarthritic Surroundings: TNF α and Its Inhibition by Adalimumab in a Knee-Specific Bioreactor. <i>American Journal of Sports Medicine</i> , 2018 , 46, 431-440	6.8	12
73	Dynamic plantar pressure distribution, strength capacity and postural control after Lisfranc fracture-dislocation. <i>Gait and Posture</i> , 2017 , 52, 332-337	2.6	11
72	Validation of Activity Tracking Procedures in Elderly Patients after Operative Treatment of Proximal Femur Fractures. <i>Rehabilitation Research and Practice</i> , 2018 , 2018, 3521271	1.2	11
71	Characterization of rat lung ICAM-1. <i>Inflammation Research</i> , 1998 , 47, 308-15	7.2	11
70	Fractures of the patella in children and adolescents. <i>Acta Orthopaedica Belgica</i> , 2010 , 76, 644-50	1.3	11
69	Expression of BMP-receptor type 1A correlates with progress of osteoarthritis in human knee joints with focal cartilage lesions. <i>Cytotherapy</i> , 2012 , 14, 868-76	4.8	10
68	Immunohistological localization of BMP-2, BMP-7, and their receptors in knee joints with focal cartilage lesions. <i>Scientific World Journal, The</i> , 2012 , 2012, 467892	2.2	10
67	Comparison of Regenerative Tissue Quality following Matrix-Associated Cell Implantation Using Amplified Chondrocytes Compared to Synovium-Derived Stem Cells in a Rabbit Model for Cartilage Lesions. <i>Stem Cells International</i> , 2018 , 2018, 4142031	5	9
66	Clinical evaluation of a new custom offset shoulder prosthesis for treatment of complex fractures of the proximal humerus. <i>Acta Orthopaedica Belgica</i> , 2006 , 72, 387-94	1.3	9
65	Detection of major histocompatibility complex molecules in processed allogeneic bone blocks for use in alveolar ridge reconstruction. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018 ,	2	8
64	Short versus long intramedullary nails for treatment of intertrochanteric femur fractures (AO 31-A1 and AO 31-A2): a systematic review. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019 , 29, 1823-1831	2.2	8
63	Single-cell high-content imaging parameters predict functional phenotype of cultured human bone marrow stromal stem cells. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 189-202	6.9	8
62	Gastrocnemius Recession Leads to Increased Ankle Motion and Improved Patient Satisfaction After 2 Years of Follow-Up. <i>Journal of Foot and Ankle Surgery</i> , 2017 , 56, 589-593	1.6	7
61	Prospective clinical trial of patients who underwent ankle arthroscopy with articular diseases to match clinical and radiological scores with intra-articular cytokines. <i>International Orthopaedics</i> , 2015 , 39, 1631-7	3.8	6

60	Comparing case-control study for treatment of proximal tibia fractures with a complete metaphyseal component in two centers with different distinct strategies: fixation with Ilizarov frame or locking plates. <i>Journal of Orthopaedic Surgery and Research</i> , 2018 , 13, 121	2.8	6
59	Association between intraarticular cytokine levels and clinical parameters of osteochondritis dissecans in the ankle. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 169	2.8	6
58	Factors influencing treatment success of negative pressure wound therapy in patients with postoperative infections after Osteosynthetic fracture fixation. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 247	2.8	5
57	Effectiveness and complications of primary C-clamp stabilization or external fixation for unstable pelvic fractures. <i>Injury</i> , 2019 , 50, 1959-1965	2.5	5
56	Complication assessment and prevention strategies using midfoot fusion bolt for medial column stabilization in Charcot's osteoarthropathy. <i>Foot</i> , 2016 , 29, 36-41	1.3	5
55	Sporting Activity Is Reduced 11 Years After First-Generation Autologous Chondrocyte Implantation in the Knee Joint. <i>American Journal of Sports Medicine</i> , 2017 , 45, 2762-2773	6.8	5
54	Clinical Trial and In Vitro Study for the Role of Cartilage and Synovia in Acute Articular Infection. <i>Mediators of Inflammation</i> , 2015 , 2015, 430324	4.3	5
53	Post-transcriptional regulation of osteoblastic platelet-derived growth factor receptor-alpha expression by co-cultured primary endothelial cells. <i>Cells Tissues Organs</i> , 2010 , 192, 28-38	2.1	5
52	Laparoscopic splenic salvage in delayed rupture by application of fibrin glue in a 10-year-old boy. <i>Journal of Trauma</i> , 2005 , 58, 628-30		5
51	Inhibition of the anti-apoptotic protein MCL-1 severely suppresses human hematopoiesis. <i>Haematologica</i> , 2021 , 106, 3136-3148	6.6	5
50	Decision-making, therapy, and outcome in lateral compression fractures of the pelvis - analysis of a single center treatment. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 217	2.8	4
49	Functional deficits in chronic mechanical ankle instability. <i>Journal of Orthopaedic Surgery and Research</i> , 2020 , 15, 304	2.8	4
48	Crosstalk Between Mesenchymal Stromal Cells and Chondrocytes: The Hidden Therapeutic Potential for Cartilage Regeneration. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 1647-1665	7.3	4
47	Clinical evaluation of manual stress testing, stress ultrasound and 3D stress MRI in chronic mechanical ankle instability. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 198	2.8	4
46	Classification and Outcome of Fracture-Dislocation of the Cuneiform Bones. <i>Journal of Foot and Ankle Surgery</i> , 2016 , 55, 1249-1255	1.6	3
45	Correlation of synovial cytokine expression with quality of cells used for autologous chondrocyte implantation in human knees. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2014 , 24, 1563-70	2.2	3
44	Radiusköpfchen- und Radiushalsfrakturen. <i>Obere Extremität</i> , 2015 , 10, 111-118	0.6	3
43	Development and retranslational validation of an in vitro model to characterize acute infections in large human joints. <i>BioMed Research International</i> , 2014 , 2014, 848604	3	3

42	Correlation of Biomechanical Alterations under Gonarthrosis between Overlying Menisci and Articular Cartilage. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8673	2.6	3
41	Identification of a clinical signature predictive of differentiation fate of human bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 265	8.3	3
40	Prospective Clinical Trial for Septic Arthritis: Cartilage Degradation and Inflammation Are Associated with Upregulation of Cartilage Metabolites. <i>Mediators of Inflammation</i> , 2016 , 2016, 5491971	4.3	3
39	Elevation of Inflammatory Cytokines and Proteins after Intra-Articular Ankle Fracture: A Cross-Sectional Study of 47 Ankle Fracture Patients. <i>Mediators of Inflammation</i> , 2021 , 2021, 8897440	4.3	3
38	Efficacy and safety of iloprost in trauma patients with haemorrhagic shock-induced endotheliopathy-Protocol for the multicentre randomized, placebo-controlled, blinded, investigator-initiated shine-trauma trial. <i>Acta Anaesthesiologica Scandinavica</i> , 2021 , 65, 551	1.9	3
37	Clinicopathologic characteristics, metastasis-free survival, and skeletal-related events in 628 patients with skeletal metastases in a tertiary orthopedic and trauma center. <i>World Journal of Surgical Oncology</i> , 2021 , 19, 62	3.4	3
36	Conservative and Surgical Treatment of Talar Fractures: A Systematic Review and Meta-Analysis on Clinical Outcomes and Complications. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
35	Analysis of Proteoglycan Content and Biomechanical Properties in Arthritic and Arthritis-Free Menisci. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 9012	2.6	2
34	Operative versus nonoperative treatment of humeral shaft fractures: a systematic review and meta-analysis. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 2495-2504	4.3	2
33	Gastrocnemius recession leads to medial shift of gait line, impairment of muscle strength and improved dorsal extension in forefoot overload syndrome. <i>Foot and Ankle Surgery</i> , 2018 , 24, 309-313	3.1	2
32	The use of negative pressure wound therapy for fracture-related infections following internal osteosynthesis of the extremity: A systematic review. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022 , 24, 101710	2.1	2
31	Mechanical Properties of the Composite Material consisting of β -TCP and Alginate-Di-Aldehyde-Gelatin Hydrogel and Its Degradation Behavior. <i>Materials</i> , 2021 , 14,	3.5	2
30	Elevation of Pro-Inflammatory Cytokine Levels Following Intra-Articular Fractures-A Systematic Review. <i>Cells</i> , 2021 , 10,	7.9	2
29	Association of acute inflammatory cytokines, fracture malreduction, and functional outcome 12 months after intra-articular ankle fracture-a prospective cohort study of 46 patients with ankle fractures. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 338	2.8	2
28	Interdisciplinary approach to multiple myeloma - time to diagnosis and warning signs. <i>Leukemia and Lymphoma</i> , 2021 , 62, 891-898	1.9	2
27	Histomorphological Alterations of Human Anterior Cruciate Ligament Grafts During Mid-Term and Long-Term Remodeling. <i>Orthopaedic Surgery</i> , 2021 , 13, 314-320	2.5	2
26	Effect of PTH treatment on bone healing in insufficiency fractures of the pelvis: a systematic review. <i>EFORT Open Reviews</i> , 2021 , 6, 9-14	5.5	2
25	Protein Expression of AEBP1, MCM4, and FABP4 Differentiate Osteogenic, Adipogenic, and Mesenchymal Stromal Stem Cells.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2

24	The effect of a heel-unloading orthosis in short-term treatment of calcaneus fractures on physical function, quality of life and return to work - study protocol for a randomized controlled trial. <i>Trials</i> , 2019 , 20, 324	2.8	1
23	Objectively Measured Physical Activity and Its Association with Functional Independence, Quality of Life and In-Hospital Course of Recovery in Elderly Patients with Proximal Femur Fractures: A Prospective Cohort Study. <i>Rehabilitation Research and Practice</i> , 2020 , 2020, 5907652	1.2	1
22	Treatment and Follow-Up of a Locked Posterior Shoulder Dislocation. <i>European Journal of Trauma and Emergency Surgery</i> , 2004 , 30, 47-50		1
21	The Effect of Collagen-I Coatings of 3D Printed PCL Scaffolds for Bone Replacement on Three Different Cell Types. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11063	2.6	1
20	Physical Performance and Quality of Life after Ankle Fusion. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020 , 158, 611-617	1.1	1
19	Oblique Axis Body Fracture: An Unstable Subtype of Anderson Type III Odontoid Fractures-Apropos of Two Cases. <i>Case Reports in Orthopedics</i> , 2016 , 2016, 7561682	0.4	1
18	Anteversion Angle Measurement in Suspected Torsional Malalignment of the Femur in 3-Dimensional EOS vs Computed Tomography-A Validation Study. <i>Journal of Arthroplasty</i> , 2021 , 36, 379-386	4.4	1
17	Beckenverletzungen. <i>OP-Journal</i> , 2018 , 34, 310-314	0	1
16	Interobserver reliability is higher for assessments with 3D software-generated models than with conventional MRI images in the classification of trochlear dysplasia. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021 , 1	5.5	1
15	Osteosynthesis or non-operative treatment of the fibula for distal lower-leg fractures with tibial nailing: a systematic review and meta-analysis. <i>EFORT Open Reviews</i> , 2021 , 6, 816-822	5.5	1
14	10-Year Survival Rates After High Tibial Osteotomy Using Angular Stable Internal Plate Fixation: Case Series With Subgroup Analysis of Outcomes After Combined Autologous Chondrocyte Implantation and High Tibial Osteotomy.. <i>Orthopaedic Journal of Sports Medicine</i> , 2022 , 10, 23259671221078003	3.5	1
13	Influence of surgical stabilization of clavicle fractures in multiply-injured patients with thoracic trauma. <i>Scientific Reports</i> , 2021 , 11, 23263	4.9	0
12	Efficacy of a semirigid ankle brace in reducing mechanical ankle instability evaluated by 3D stress-MRI. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 620	2.8	0
11	Angiotensin II Type 1 Receptor Antagonist Losartan Inhibits TNF-Induced Inflammation and Degeneration Processes in Human Nucleus Pulposus Cells. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 417	2.6	0
10	The ability of comorbidity indices to predict mortality in an orthopedic setting: a systematic review. <i>Systematic Reviews</i> , 2021 , 10, 234	3	0
9	Thromboembolic complications among multiple injured patients with pelvic injuries: identifying risk factors for possible patient-tailored prophylaxis. <i>World Journal of Emergency Surgery</i> , 2021 , 16, 42	9.2	0
8	Autologous Minced Cartilage Implantation for Arthroscopic One-Stage Treatment of Osteochondritis Dissecans of the Elbow.. <i>Arthroscopy Techniques</i> , 2022 , 11, e435-e440	1.7	0
7	Laxity measurement of internal knee rotation after primary anterior cruciate ligament rupture versus rerupture. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 1	3.6	0

6	Knorpelverletzungen am Kniegelenk. <i>Orthopädie Und Unfallchirurgie Up2date</i> , 2017 , 12, 179-197	0.1
5	Eine dorsale Lagerungsschiene mit kontinuierlicher Dorsalextension der Großzehe zur Behandlung der therapierefraktären, plantaren Fasziitis. <i>Fuss Und Sprunggelenk</i> , 2014 , 12, 42-47	0.3
4	Chirurgische Anatomie von Beckenring und Azetabulum, osteoligamentäre Strukturen, neurovaskuläre Strukturen und Weichteile. <i>OP-Journal</i> , 2003 , 19, 94-98	0
3	Comparison of Immunological Properties of Bone Marrow Stromal Cells and Adipose Tissue-Derived Stem Cells Before and After Osteogenic Differentiation in Vitro. <i>Tissue Engineering</i> , 2006 , 061220075423031	
2	Do acute inflammatory cytokines affect 3- and 12-month postoperative functional outcomes-a prospective cohort study of 12 patients with proximal tibia fractures. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 342	2.8
1	Kindliche Beckenfrakturen. <i>Orthopädie Und Unfallchirurgie Up2date</i> , 2021 , 16, 147-160	0.1