

Moritz Tannast

List of Publications by Year in descending order

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Version: 2024-02-01

172
papers

9,153
citations

46918

47
h-index

45213

90
g-index

195
all docs

195
docs citations

195
times ranked

3258
citing authors

#	ARTICLE	IF	CITATIONS
1	Femoroacetabular Impingement: Radiographic Diagnosisâ€”What the Radiologist Should Know. American Journal of Roentgenology, 2007, 188, 1540-1552.	1.0	876
2	Mean 20-year Followup of Bernese Periacetabular Osteotomy. Clinical Orthopaedics and Related Research, 2008, 466, 1633-1644.	0.7	520
3	Two to Twenty-Year Survivorship of the Hip in 810 Patients with Operatively Treated Acetabular Fractures. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1559-1567.	1.4	334
4	Debridement of the Adult Hip for Femoroacetabular Impingement. Clinical Orthopaedics and Related Research, 2004, 429, 178-181.	0.7	325
5	Tilt and Rotation Correction of Acetabular Version on Pelvic Radiographs. Clinical Orthopaedics and Related Research, 2005, &NA;, 182-190.	0.7	264
6	Hip Damage Occurs at the Zone of Femoroacetabular Impingement. Clinical Orthopaedics and Related Research, 2008, 466, 273-280.	0.7	257
7	What Are the Radiographic Reference Values for Acetabular Under- and Overcoverage?. Clinical Orthopaedics and Related Research, 2015, 473, 1234-1246.	0.7	250
8	One-third of Hips After Periacetabular Osteotomy Survive 30 Years With Good Clinical Results, No Progression of Arthritis, or Conversion to THA. Clinical Orthopaedics and Related Research, 2017, 475, 1154-1168.	0.7	249
9	Noninvasive three-dimensional assessment of femoroacetabular impingement. Journal of Orthopaedic Research, 2007, 25, 122-131.	1.2	225
10	Impingement Adversely Affects 10-year Survivorship After Periacetabular Osteotomy for DDH. Clinical Orthopaedics and Related Research, 2013, 471, 1602-1614.	0.7	196
11	Range of Motion in Anterior Femoroacetabular Impingement. Clinical Orthopaedics and Related Research, 2007, 458, 117-124.	0.7	182
12	Estimation of pelvic tilt on anteroposterior X-raysâ€”a comparison of six parameters. Skeletal Radiology, 2006, 35, 149-155.	1.2	178
13	The accuracy of free-hand cup positioning - a CT based measurement of cup placement in 105 total hip arthroplasties. International Orthopaedics, 2004, 28, 198-201.	0.9	168
14	Anatomic Referencing of Cup Orientation in Total Hip Arthroplasty. Clinical Orthopaedics and Related Research, 2005, &NA;, 144-150.	0.7	147
15	Valgus Hip With High Antetorsion Causes Pain Through Posterior Extraarticular FAI. Clinical Orthopaedics and Related Research, 2013, 471, 3774-3780.	0.7	145
16	Femoral Morphology Differs Between Deficient and Excessive Acetabular Coverage. Clinical Orthopaedics and Related Research, 2008, 466, 782-790.	0.7	144
17	Prevalence of Femoral and Acetabular Version Abnormalities in Patients With Symptomatic Hip Disease: A Controlled Study of 538 Hips. American Journal of Sports Medicine, 2018, 46, 122-134.	1.9	137
18	Radiographic analysis of femoroacetabular impingement with Hip²normâ€”reliable and validated. Journal of Orthopaedic Research, 2008, 26, 1199-1205.	1.2	136

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19	Which Radiographic Hip Parameters Do Not Have to Be Corrected for Pelvic Rotation and Tilt?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1255-1266.	0.7	120
20	Two- to 9-Year Clinical Results of Alumina Ceramic-on-Ceramic THA. <i>Clinical Orthopaedics and Related Research</i> , 2006, 453, 97-102.	0.7	108
21	Reliability of Radiologic Assessment of the Fracture Anatomy at the Posterior Tibial Plafond in Malleolar Fractures. <i>Journal of Orthopaedic Trauma</i> , 2009, 23, 208-212.	0.7	108
22	The Acetabular Wall Index for Assessing Anteroposterior Femoral Head Coverage in Symptomatic Patients. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3355-3360.	0.7	107
23	Eighty Percent of Patients With Surgical Hip Dislocation for Femoroacetabular Impingement Have a Good Clinical Result Without Osteoarthritis Progression at 10 Years. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1333-1341.	0.7	104
24	Anteverting Periacetabular Osteotomy for Symptomatic Acetabular Retroversion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1785-1792.	1.4	100
25	Differences in Femoral Torsion Among Various Measurement Methods Increase in Hips With Excessive Femoral Torsion. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1073-1083.	0.7	100
26	The Iliocapsularis Muscle: An Important Stabilizer in the Dysplastic Hip. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 1728-1734.	0.7	97
27	Size and shape of the lunate surface in different types of pincer impingement: theoretical implications for surgical therapy. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 951-958.	0.6	85
28	Femoroacetabular Impingement Patients With Decreased Femoral Version Have Different Impingement Locations and Intra- and Extraarticular Anterior Subspine FAI on 3D-CT-Based Impingement Simulation: Implications for Hip Arthroscopy. <i>American Journal of Sports Medicine</i> , 2019, 47, 3120-3132.	1.9	85
29	Pathomorphologic Alterations Predict Presence or Absence of Hip Osteoarthrosis. <i>Clinical Orthopaedics and Related Research</i> , 2007, 465, 46-52.	0.7	77
30	Surgical Hip Dislocation for Treatment of Femoroacetabular Impingement: Factors Predicting 5-year Survivorship. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 337-348.	0.7	76
31	LCPD: Reduced Range of Motion Resulting From Extra- and Intraarticular Impingement. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2431-2440.	0.7	73
32	Hip2Norm: An object-oriented cross-platform program for 3D analysis of hip joint morphology using 2D pelvic radiographs. <i>Computer Methods and Programs in Biomedicine</i> , 2007, 87, 36-45.	2.6	72
33	Femoroacetabular Impingement Predisposes to Traumatic Posterior Hip Dislocation. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 1937-1943.	0.7	72
34	Periacetabular Osteotomy Provides Higher Survivorship Than Rim Trimming for Acetabular Retroversion. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1138-1150.	0.7	71
35	What Are the Risk Factors for Revision Surgery After Hip Arthroscopy for Femoroacetabular Impingement at 7-year Followup?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1169-1177.	0.7	71
36	An Increased Iliocapsularis-to-rectus-femoris Ratio Is Suggestive for Instability in Borderline Hips. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3725-3734.	0.7	70

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37	Mid-term results in relation to age and analysis of predictive factors after fixation of acetabular fractures using the modified Stoppa approach. <i>Injury</i> , 2013, 44, 1793-1798.	0.7	68
38	The Equidistant Method – a novel hip joint simulation algorithm for detection of femoroacetabular impingement. <i>Computer Aided Surgery</i> , 2010, 15, 75-82.	1.8	66
39	The Ischial Spine Sign: Does Pelvic Tilt and Rotation Matter?. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 769-774.	0.7	62
40	Arthroscopic Versus Open Cam Resection in the Treatment of Femoroacetabular Impingement. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 653-660.	1.3	61
41	Pelvic Morphology Differs in Rotation and Obliquity Between Developmental Dysplasia of the Hip and Retroversion. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3297-3305.	0.7	60
42	THA Performed using Conventional and Navigated Tissue-preserving Techniques. <i>Clinical Orthopaedics and Related Research</i> , 2006, 453, 160-167.	0.7	59
43	Intra-articular Lesions: Imaging and Surgical Correlation. <i>Seminars in Musculoskeletal Radiology</i> , 2017, 21, 487-506.	0.4	58
44	What MRI Findings Predict Failure 10 Years After Surgery for Femoroacetabular Impingement?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1192-1207.	0.7	56
45	Patient-Specific 3-D Magnetic Resonance Imaging-Based Dynamic Simulation of Hip Impingement and Range of Motion Can Replace 3-D Computed Tomography-Based Simulation for Patients With Femoroacetabular Impingement: Implications for Planning Open Hip Preservation Surgery and Hip Arthroscopy. <i>American Journal of Sports Medicine</i> , 2019, 47, 2966-2977.	1.9	54
46	Head Reduction Osteotomy With Additional Containment Surgery Improves Sphericity and Containment and Reduces Pain in Legg-Calvé-Perthes Disease. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1274-1283.	0.7	53
47	Joint-preserving Surgery Improves Pain, Range of Motion, and Abductor Strength After Legg-Calvé-Perthes Disease. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2450-2461.	0.7	51
48	Twelve Percent of Hips With a Primary Cam Deformity Exhibit a Slip-like Morphology Resembling Sequelae of Slipped Capital Femoral Epiphysis. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1212-1223.	0.7	50
49	The modified Dunn procedure for slipped capital femoral epiphysis: The Bernese experience. <i>Journal of Children's Orthopaedics</i> , 2017, 11, 138-146.	0.4	45
50	Patients with severe slipped capital femoral epiphysis treated by the modified Dunn procedure have low rates of avascular necrosis, good outcomes, and little osteoarthritis at long-term follow-up. <i>Bone and Joint Journal</i> , 2019, 101-B, 403-414.	1.9	45
51	How Does the dGEMRIC Index Change After Surgical Treatment for FAI? A Prospective Controlled Study: Preliminary Results. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1080-1099.	0.7	43
52	Automatic MRI-based Three-dimensional Models of Hip Cartilage Provide Improved Morphologic and Biochemical Analysis. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1036-1052.	0.7	43
53	Labral Reattachment in Femoroacetabular Impingement Surgery Results in Increased 10-year Survivorship Compared With Resection. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1178-1188.	0.7	41
54	Internal Fixation of Symphyseal Disruption Resulting From Childbirth. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 732-739.	0.7	40

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55	Femoroacetabular Impingement: Evidence of an Established Hip Abnormality. <i>Radiology</i> , 2010, 257, 8-13.	3.6	40
56	Relative Femoral Neck Lengthening Improves Pain and Hip Function in Proximal Femoral Deformities With a High-riding Trochanter. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1378-1387.	0.7	39
57	Surgical dislocation of the hip for the fixation of acetabular fractures. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2010, 92-B, 842-852.	3.4	37
58	Periacetabular Osteotomy Restores the Typically Excessive Range of Motion in Dysplastic Hips With a Spherical Head. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1404-1416.	0.7	37
59	Automated detection of the osseous acetabular rim using three-dimensional models of the pelvis. <i>Computers in Biology and Medicine</i> , 2011, 41, 285-291.	3.9	36
60	Location of Intra- and Extra-articular Hip Impingement Is Different in Patients With Pincer-Type and Mixed-Type Femoroacetabular Impingement Due to Acetabular Retroversion or Protrusio Acetabuli on 3D CT-Based Impingement Simulation. <i>American Journal of Sports Medicine</i> , 2020, 48, 661-672.	1.9	36
61	Computed Tomography-based Surgical Navigation for Hip Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2007, 465, 100-105.	0.7	35
62	Non-rigid free-form 2D to 3D registration using a B-spline-based statistical deformation model. <i>Pattern Recognition</i> , 2017, 63, 689-699.	5.1	35
63	The Pararectus Approach. <i>JBJS Essential Surgical Techniques</i> , 2018, 8, e21.	0.3	35
64	Prevalence and diagnostic accuracy of in-toeing and out-toeing of the foot for patients with abnormal femoral torsion and femoroacetabular impingement. <i>Bone and Joint Journal</i> , 2019, 101-B, 1218-1229.	1.9	35
65	Computer-Assisted Femoral Head-Neck Osteochondroplasty Using a Surgical Milling Device. <i>Journal of Arthroplasty</i> , 2012, 27, 310-316.	1.5	34
66	Protrusio acetabuli: Joint loading with severe pincer impingement and its theoretical implications for surgical therapy. <i>Journal of Orthopaedic Research</i> , 2015, 33, 106-113.	1.2	34
67	Accuracy and potential pitfalls of fluoroscopy-guided acetabular cup placement. <i>Computer Aided Surgery</i> , 2005, 10, 329-336.	1.8	33
68	Validation of statistical shape model based reconstruction of the proximal femur – A morphology study. <i>Medical Engineering and Physics</i> , 2010, 32, 638-644.	0.8	33
69	Experimentally induced cam impingement in the sheep hip. <i>Journal of Orthopaedic Research</i> , 2013, 31, 580-587.	1.2	31
70	Acetabular Reconstruction Using a Roof Reinforcement Ring With Hook for Total Hip Arthroplasty in Developmental Dysplasia of the Hip-Osteoarthritis. <i>Journal of Arthroplasty</i> , 2005, 20, 492-498.	1.5	29
71	Conventional radiographs to assess femoroacetabular impingement. <i>Instructional Course Lectures</i> , 2009, 58, 203-12.	0.2	29
72	A Systematic Approach to Analyse the Sequelae of LCPD. <i>HIP International</i> , 2013, 23, 61-70.	0.9	28

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73	Hips With Protrusio Acetabuli Are at Increased Risk for Failure After Femoroacetabular Impingement Surgery: A 10-year Followup. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 2168-2180.	0.7	28
74	Validation of a new method for determination of cup orientation in THA. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1583-1588.	1.2	26
75	Civilian Gunshot Wounds to the Genitourinary Tract: Incidence, Anatomic Distribution, Associated Injuries, and Outcomes. <i>Urology</i> , 2010, 76, 977-981.	0.5	26
76	Segmentation of the proximal femur in radial MR scans using a random forest classifier and deformable model registration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 545-561.	1.7	26
77	Posterior Extra-articular Ischiofemoral Impingement Can Be Caused by the Lesser and Greater Trochanter in Patients With Increased Femoral Version: Dynamic 3D CT-Based Hip Impingement Simulation of a Modified FABER Test. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712199062.	0.8	26
78	What Is the Prevalence of Cam Deformity After Prophylactic Pinning of the Contralateral Asymptomatic Hip in Unilateral Slipped Capital Femoral Epiphysis? A 10-year Minimum Followup Study. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1111-1122.	0.7	25
79	MRI-based 3D models of the hip joint enables radiation-free computer-assisted planning of periacetabular osteotomy for treatment of hip dysplasia using deep learning for automatic segmentation. <i>European Journal of Radiology Open</i> , 2021, 8, 100303.	0.7	24
80	Fully automatic reconstruction of personalized 3D volumes of the proximal femur from 2D X-ray images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 1673-1685.	1.7	23
81	HipMatch: An object-oriented cross-platform program for accurate determination of cup orientation using 2D-3D registration of single standard X-ray radiograph and a CT volume. <i>Computer Methods and Programs in Biomedicine</i> , 2009, 95, 236-248.	2.6	22
82	Hip dislocation and femoral neck fracture: Decision-making for head preservation. <i>Injury</i> , 2009, 40, 1118-1124.	0.7	22
83	Magnetic Resonance Imaging in Traumatic Posterior Hip Dislocation. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 723-731.	0.7	22
84	Most of patients with femoral derotation osteotomy for posterior extraarticular hip impingement and high femoral version would do surgery again. <i>HIP International</i> , 2022, 32, 253-264.	0.9	22
85	Stable clinical long term results after AMIC in the aligned knee. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1845-1854.	1.3	21
86	An Integrated System for 3D Hip Joint Reconstruction from 2D X-rays: A Preliminary Validation Study. <i>Annals of Biomedical Engineering</i> , 2013, 41, 2077-2087.	1.3	20
87	Augmented marker tracking for peri-acetabular osteotomy surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 291-304.	1.7	20
88	Open Reduction and Internal Fixation of Acetabular Fractures Using the Modified Stoppa Approach. <i>JBJS Essential Surgical Techniques</i> , 2019, 9, e3.	0.3	20
89	Usefulness of MR Arthrography of the Hip with and without leg Traction in Detection of Intra-articular Bodies. <i>Academic Radiology</i> , 2019, 26, e252-e259.	1.3	20
90	Penetration depth method—a novel real-time strategy for evaluating femoroacetabular impingement. <i>Journal of Orthopaedic Research</i> , 2010, 28, 880-886.	1.2	19

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91	Femoroacetabular impingement. <i>European Journal of Radiology</i> , 2012, 81, 3740-3744.	1.2	19
92	What Is the Evidence Supporting the Prevention of Osteoarthritis and Improved Femoral Coverage After Shelf Procedure for Legg-Calvé-Perthes Disease?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 2421-2430.	0.7	19
93	Biochemical MRI Predicts Hip Osteoarthritis in an Experimental Ovine Femoroacetabular Impingement Model. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1318-1324.	0.7	18
94	Minimum ten year results of total hip arthroplasty with the acetabular reinforcement ring in avascular osteonecrosis. <i>International Orthopaedics</i> , 2008, 32, 173-179.	0.9	17
95	Anteverting Periacetabular Osteotomy for Acetabular Retroversion. <i>JBJS Essential Surgical Techniques</i> , 2015, 5, e1.	0.3	17
96	Do dGEMRIC and T2 Imaging Correlate With Histologic Cartilage Degeneration in an Experimental Ovine FAI Model?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 990-1003.	0.7	17
97	Total Acetabular Retroversion following Pelvic Osteotomy: Presentation, Management, and Outcome. <i>HIP International</i> , 2013, 23, 14-26.	0.9	16
98	Prevalence of combined abnormalities of tibial and femoral torsion in patients with symptomatic hip dysplasia and femoroacetabular impingement. <i>Bone and Joint Journal</i> , 2020, 102-B, 1636-1645.	1.9	16
99	The Acetabular Wall Index Is Associated with Long-term Conversion to THA after PAO. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1052-1065.	0.7	16
100	Accuracy considerations in navigated cup placement for total hip arthroplasty. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2007, 221, 739-753.	1.0	15
101	Surgical hip dislocation does not result in atrophy or fatty infiltration of periarticular hip muscles. <i>Journal of Hip Preservation Surgery</i> , 2014, 1, 82-95.	0.6	15
102	Intraoperative Evaluation of Acetabular Morphology in Hip Arthroscopy Comparing Standard Radiography Versus Fluoroscopy: A Cadaver Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1030-1037.	1.3	15
103	Head-Neck Osteoplasty has Minor Effect on the Strength of an Ovine Cam-FAI Model: In Vitro and Finite Element Analyses. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 2633-2640.	0.7	15
104	Femoroacetabular Impingement Magnetic Resonance Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 123-128.	0.7	14
105	Gunshot Wounds to the Acetabulum. <i>Journal of Orthopaedic Trauma</i> , 2012, 26, 451-459.	0.7	14
106	Report of Breakout Session: Strategies to Improve Hip Preservation Training. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3467-3469.	0.7	14
107	Report of Breakout Session: Coxa Profunda/Protrusio Management. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3459-3461.	0.7	14
108	Diagnosis and Management of Developmental Dysplasia of the Hip from Triradiate Closure Through Young Adulthood. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, 749-755.	1.4	14

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109	ArtiFacts: Femoroacetabular Impingementâ€”A New Pathology?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 973-980.	0.7	13
110	Lower pelvic tilt, lower pelvic incidence, and increased external rotation of the iliac wing in patients with femoroacetabular impingement due to acetabular retroversion compared to hip dysplasia. <i>Bone & Joint Open</i> , 2021, 2, 813-824.	1.1	13
111	Combined abnormalities of femoral version and acetabular version and McKibbin Index in FAI patients evaluated for hip preservation surgery. <i>Journal of Hip Preservation Surgery</i> , 2022, 9, 67-77.	0.6	13
112	Acetabular reinforcement ring in primary total hip arthroplasty: a minimum 10-year follow-up. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2008, 128, 869-877.	1.3	11
113	Precise Estimation of Postoperative Cup Alignment from Single Standard X-Ray Radiograph with Gonadal Shielding. , 2007, 10, 951-959.		11
114	Three-Dimensional Magnetic Resonance Imaging Bone Models of the Hip Joint Using Deep Learning: Dynamic Simulation of Hip Impingement for Diagnosis of Intra- and Extra-articular Hip Impingement. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110469.	0.8	11
115	Patients undergoing surgical hip dislocation for the treatment of acetabular fractures show favourable long-term outcome. <i>Bone and Joint Journal</i> , 2017, 99-B, 508-515.	1.9	10
116	Imaging appearance and distribution of intra-articular adhesions following open FAI surgery. <i>European Journal of Radiology</i> , 2018, 104, 71-78.	1.2	10
117	Does the Rule of Thirds Adequately Detect Deficient and Excessive Acetabular Coverage?. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 974-987.	0.7	10
118	Diagnosis of acetabular retroversion: Three signs positive and increased retroversion index have higher specificity and higher diagnostic accuracy compared to isolated positive cross over sign. <i>European Journal of Radiology Open</i> , 2022, 9, 100407.	0.7	10
119	Surgical hip dislocation with femoral osteotomy and bone grafting prevents head collapse in hips with advanced necrosis. <i>HIP International</i> , 2020, 30, 398-406.	0.9	9
120	High prevalence of hip lesions secondary to arthroscopic over- or undercorrection of femoroacetabular impingement in patients with postoperative pain. <i>European Radiology</i> , 2021, , 1.	2.3	9
121	Latent3DU-net: Multi-level Latent Shape Space Constrained 3D U-net for Automatic Segmentation of the Proximal Femur from Radial MRI of the Hip. <i>Lecture Notes in Computer Science</i> , 2018, , 188-196.	1.0	8
122	Surgical Hip Dislocation for Exposure of the Posterior Column. <i>JBJS Essential Surgical Techniques</i> , 2019, 9, e2.	0.3	8
123	Magnetization-prepared 2 Rapid Gradient-Echo MRI for B1 Insensitive 3D T1 Mapping of Hip Cartilage: An Experimental and Clinical Validation. <i>Radiology</i> , 2021, 299, 150-158.	3.6	8
124	Entropy Guided Unsupervised Domain Adaptation for Cross-Center Hip Cartilage Segmentation from MRI. <i>Lecture Notes in Computer Science</i> , 2020, , 447-456.	1.0	8
125	Experience in the United States with Alumina Ceramicâ€”Ceramic Total Hip Arthroplasty. <i>Seminars in Arthroplasty</i> , 2006, 17, 120-124.	0.3	7
126	Ultrasonic cartilage thickness measurement is accurate, reproducible, and reliableâ€”validation study using contrast-enhanced micro-CT. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 67.	0.9	7

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127	The New Bern Chondrolabral Classification Is Reliable and Reproducible. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1002-1013.	0.7	7
128	Lower 1-Year Postoperative Mortality After Acetabular Versus Proximal Femoral Fractures in Elderly Patients. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1807-1816.	1.4	7
129	Second-generation uncemented stems: excellent 5â€“13-year results. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 1691-1700.	1.3	6
130	Femoral osteochondroplasty can be performed effectively without the risk of avascular necrosis or femoral neck fractures in an experimental ovine FAI model. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 128-137.	0.6	6
131	Proof of concept: hip joint damage occurs at the zone of femoroacetabular impingement (FAI) in an experimental FAI sheep model. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1075-1083.	0.6	6
132	Accuracy and potential pitfalls of fluoroscopy-guided acetabular cup placement. <i>Computer Aided Surgery</i> , 2005, 10, 329-336.	1.8	6
133	Prevention of cement leakage into the hip joint by a standard cement plug during PFN-A cement augmentation: a technical note. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 747-750.	1.3	5
134	Subchondral drilling for chondral flaps reduces the risk of total hip arthroplasty in femoroacetabular impingement surgery at minimum five years follow-up. <i>HIP International</i> , 2019, 29, 191-197.	0.9	5
135	Demographic changes in pelvic fracture patterns at a Swiss academic trauma center from 2007 to 2017. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 862-872.	1.1	5
136	Image-Less THA Cup Navigation in Clinical Routine Setup: Individual Adjustments, Accuracy, Precision, and Robustness. <i>Medicina (Lithuania)</i> , 2022, 58, 832.	0.8	5
137	Augmented marker tracking for peri-acetabular osteotomy surgery. , 2017, 2017, 937-941.		4
138	Biochemical MRI With dGEMRIC Corresponds to 3D-CT Based Impingement Location for Detection of Acetabular Cartilage Damage in FAI Patients. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712098817.	0.8	4
139	Computer-Assisted Orthopedic Surgery. , 2014, , 661-675.		4
140	Postoperative Imaging of the Hip. <i>Radiologic Clinics of North America</i> , 2006, 44, 343-365.	0.9	3
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