Frank Roemer

List of Publications by Year
in descending order

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354 papers	16,093 citations	14655 66 h-index	24982 109 g-index
358 all docs	358 docs citations	358 times ranked	8477 citing authors

#	Article	IF	Citations
1	Evolution of semi-quantitative whole joint assessment of knee OA: MOAKS (MRI Osteoarthritis Knee) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	690
2	Correlation of the development of knee pain with enlarging bone marrow lesions on magnetic resonance imaging. Arthritis and Rheumatism, 2007, 56, 2986-2992.	6.7	392
3	Articular Cartilage in the Knee: Current MR Imaging Techniques and Applications in Clinical Practice and Research<sup />. Radiographics, 2011, 31, 37-61.	3.3	388
4	Prevalence of abnormalities in knees detected by MRI in adults without knee osteoarthritis: population based observational study (Framingham Osteoarthritis Study). BMJ, The, 2012, 345, e5339-e5339.	6.0	371
5	Treatment for acute anterior cruciate ligament tear: five year outcome of randomised trial. BMJ, The, 2013, 346, f232-f232.	6.0	369
6	Meniscal tear in knees without surgery and the development of radiographic osteoarthritis among middleâ€aged and elderly persons: The multicenter osteoarthritis study. Arthritis and Rheumatism, 2009, 60, 831-839.	6.7	341
7	Presence of MRI-detected joint effusion and synovitis increases the risk of cartilage loss in knees without osteoarthritis at 30-month follow-up: the MOST study. Annals of the Rheumatic Diseases, 2011, 70, 1804-1809.	0.9	289
8	Meniscus pathology, osteoarthritis and the treatment controversy. Nature Reviews Rheumatology, 2012, 8, 412-419.	8.0	283
9	Fluctuation of knee pain and changes in bone marrow lesions, effusions, and synovitis on magnetic resonance imaging. Arthritis and Rheumatism, 2011, 63, 691-699.	6.7	274
10	Change in MRI-detected subchondral bone marrow lesions is associated with cartilage loss: the MOST Study. A longitudinal multicentre study of knee osteoarthritis. Annals of the Rheumatic Diseases, 2009, 68, 1461-1465.	0.9	256
11	Synovitis in knee osteoarthritis: a precursor of disease?. Annals of the Rheumatic Diseases, 2016, 75, 390-395.	0.9	228
12	MRI-detected subchondral bone marrow signal alterations of the knee joint: terminology, imaging appearance, relevance and radiological differential diagnosis. Osteoarthritis and Cartilage, 2009, 17, 1115-1131.	1.3	222
13	Valgus malalignment is a risk factor for lateral knee osteoarthritis incidence and progression: Findings from the multicenter osteoarthritis study and the osteoarthritis initiative. Arthritis and Rheumatism, 2013, 65, 355-362.	6.7	214
14	Association of Joint Inflammation With Pain Sensitization in Knee Osteoarthritis: The Multicenter Osteoarthritis Study. Arthritis and Rheumatology, 2016, 68, 654-661.	5.6	195
15	Compositional MRI techniques for evaluation of cartilage degeneration in osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 1639-1653.	1.3	186
16	Intra-articular Corticosteroid Injections in the Hip and Knee: Perhaps Not as Safe as We Thought?. Radiology, 2019, 293, 656-663.	7.3	186
17	Advances in Imaging of Osteoarthritis and Cartilage. Radiology, 2011, 260, 332-354.	7.3	182
18	Tibiofemoral Joint Osteoarthritis: Risk Factors for MR-depicted Fast Cartilage Loss over a 30-month Period in the Multicenter Osteoarthritis Study. Radiology, 2009, 252, 772-780.	7.3	176

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19	Factors Associated with Meniscal Extrusion in Knees with or at Risk for Osteoarthritis: The Multicenter Osteoarthritis Study. Radiology, 2012, 264, 494-503.	7.3	169
20	Assessment of synovitis with contrast-enhanced MRI using a whole-joint semiquantitative scoring system in people with, or at high risk of, knee osteoarthritis: the MOST study. Annals of the Rheumatic Diseases, 2011, 70, 805-811.	0.9	164
21	The role of varus and valgus alignment in the initial development of knee cartilage damage by MRI: the MOST study. Annals of the Rheumatic Diseases, 2013, 72, 235-240.	0.9	164
22	Anatomical distribution of synovitis in knee osteoarthritis and its association with joint effusion assessed on non-enhanced and contrast-enhanced MRI. Osteoarthritis and Cartilage, 2010, 18, 1269-1274.	1.3	158
23	What Comes First? Multitissue Involvement Leading to Radiographic Osteoarthritis: Magnetic Resonance Imagingâ€"Based Trajectory Analysis Over Four Years in the Osteoarthritis Initiative. Arthritis and Rheumatology, 2015, 67, 2085-2096.	5.6	140
24	Hip Osteoarthritis MRI Scoring System (HOAMS): reliability and associations with radiographic and clinical findings. Osteoarthritis and Cartilage, 2011, 19, 946-962.	1.3	132
25	Effect of meniscal damage on the development of frequent knee pain, aching, or stiffness. Arthritis and Rheumatism, 2007, 56, 4048-4054.	6.7	131
26	MRI features of cystic lesions around the knee. Knee, 2008, 15, 423-438.	1.6	126
27	MRI-based semiquantitative scoring of joint pathology in osteoarthritis. Nature Reviews Rheumatology, 2013, 9, 236-251.	8.0	124
28	Why radiography should no longer be considered a surrogate outcome measure for longitudinal assessment of cartilage in knee osteoarthritis. Arthritis Research and Therapy, 2011, 13, 247.	3.5	122
29	Ligamentous Injuries and the Risk of Associated Tissue Damage in Acute Ankle Sprains in Athletes. American Journal of Sports Medicine, 2014, 42, 1549-1557.	4.2	121
30	Brief Report: Cartilage Thickness Change as an Imaging Biomarker of Knee Osteoarthritis Progression: Data From the Foundation for the National Institutes of Health Osteoarthritis Biomarkers Consortium. Arthritis and Rheumatology, 2015, 67, 3184-3189.	5.6	116
31	Subchondral bone marrow lesions are highly associated with, and predict subchondral bone attrition longitudinally: the MOST study. Osteoarthritis and Cartilage, 2010, 18, 47-53.	1.3	115
32	Imaging of Synovitis in Osteoarthritis: Current Status and Outlook. Seminars in Arthritis and Rheumatism, 2011, 41, 116-130.	3.4	113
33	OARSI Clinical Trials Recommendations: Knee imaging in clinical trials inÂosteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 698-715.	1.3	113
34	Imaging in Osteoarthritis. Rheumatic Disease Clinics of North America, 2008, 34, 645-687.	1.9	111
35	Meniscal pathology on MRI increases the risk for both incident and enlarging subchondral bone marrow lesions of the knee: the MOST Study. Annals of the Rheumatic Diseases, 2010, 69, 1796-1802.	0.9	110
36	Semiquantitative Imaging Biomarkers of Knee Osteoarthritis Progression: Data From the Foundation for the National Institutes of Health Osteoarthritis Biomarkers Consortium. Arthritis and Rheumatology, 2016, 68, 2422-2431.	5.6	110

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37	Imaging of Muscle Injuries in Sports Medicine: Sports Imaging Series. Radiology, 2017, 282, 646-663.	7.3	104
38	Magnetic Resonance Imaging of Subchondral Bone Marrow Lesions in Association with Osteoarthritis. Seminars in Arthritis and Rheumatism, 2012, 42, 105-118.	3.4	99
39	Risk factors for medial meniscal pathology on knee MRI in older US adults: a multicentre prospective cohort study. Annals of the Rheumatic Diseases, 2011, 70, 1733-1739.	0.9	98
40	Medial Posterior Meniscal Root Tears Are Associated with Development or Worsening of Medial Tibiofemoral Cartilage Damage: The Multicenter Osteoarthritis Study. Radiology, 2013, 268, 814-821.	7.3	98
41	State of the Art: MR Imaging after Knee Cartilage Repair Surgery. Radiology, 2015, 277, 23-43.	7.3	97
42	Hoffa's Fat Pad: Evaluation on Unenhanced MR Images as a Measure of Patellofemoral Synovitis in Osteoarthritis. American Journal of Roentgenology, 2009, 192, 1696-1700.	2.2	96
43	State of the Art: Imaging of Osteoarthritisâ€"Revisited 2020. Radiology, 2020, 296, 5-21.	7.3	96
44	Subchondral Cystlike Lesions Develop Longitudinally in Areas of Bone Marrow Edemaâ€"like Lesions in Patients with or at Risk for Knee Osteoarthritis: Detection with MR Imagingâ€"The MOST Study. Radiology, 2010, 256, 855-862.	7.3	95
45	Longitudinal validation of periarticular bone area and 3D shape as biomarkers for knee OA progression? Data from the FNIH OA Biomarkers Consortium. Annals of the Rheumatic Diseases, 2016, 75, 1607-1614.	0.9	95
46	What is the predictive value of MRI for the occurrence of knee replacement surgery in knee osteoarthritis?. Annals of the Rheumatic Diseases, 2013, 72, 1594-1604.	0.9	91
47	OARSI Clinical Trials Recommendations: Hip imaging in clinical trials in osteoarthritis. Osteoarthritis and Cartilage, 2015, 23, 716-731.	1.3	90
48	Imaging for osteoarthritis. Annals of Physical and Rehabilitation Medicine, 2016, 59, 161-169.	2.3	90
49	Association between patella alta and the prevalence and worsening of structural features of patellofemoral joint osteoarthritis: The multicenter osteoarthritis study. Arthritis Care and Research, 2010, 62, 1258-1265.	3.4	89
50	The association of prevalent medial meniscal pathology with cartilage loss in the medial tibiofemoral compartment over a 2-year period. Osteoarthritis and Cartilage, 2010, 18, 336-343.	1.3	88
51	The role of imaging in osteoarthritis. Best Practice and Research in Clinical Rheumatology, 2014, 28, 31-60.	3.3	87
52	Long-term osseous sequelae after acute trauma of the knee joint evaluated by MRI. Skeletal Radiology, 2002, 31, 615-623.	2.0	85
53	Prevalence of bone attrition on knee radiographs and MRI in a community-based cohort. Osteoarthritis and Cartilage, 2008, 16, 1005-1010.	1.3	83
54	Partial meniscectomy is associated with increased risk of incident radiographic osteoarthritis and worsening cartilage damage in the following year. European Radiology, 2017, 27, 404-413.	4.5	83

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55	Significance of Preradiographic Magnetic Resonance Imaging Lesions in Persons at Increased Risk of Knee Osteoarthritis. Arthritis and Rheumatology, 2014, 66, 1811-1819.	5.6	77
56	Anterior Cruciate Ligament OsteoArthritis Score (ACLOAS): Longitudinal MRI-based whole joint assessment of anterior cruciate ligament injury. Osteoarthritis and Cartilage, 2014, 22, 668-682.	1.3	76
57	Comparison of BLOKS and WORMS scoring systems part I. Cross sectional comparison of methods to assess cartilage morphology, meniscal damage and bone marrow lesions on knee MRI: data from the osteoarthritis initiative. Osteoarthritis and Cartilage, 2010, 18, 1393-1401.	1.3	75
58	Predictive validity of within-grade scoring of longitudinal changes of MRI-based cartilage morphology and bone marrow lesion assessment in the tibio-femoral joint â€“ the MOST study. Osteoarthritis and Cartilage, 2012, 20, 1391-1398.	1.3	75
59	Comparison of BLOKS and WORMS scoring systems part II. Longitudinal assessment of knee MRIs for osteoarthritis and suggested approach based on their performance: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2010, 18, 1402-1407.	1.3	74
60	Knee malalignment is associated with an increased risk for incident and enlarging bone marrow lesions in the more loaded compartments: the MOST study. Osteoarthritis and Cartilage, 2012, 20, 1227-1233.	1.3	74
61	Osteoarthritis. Rheumatic Disease Clinics of North America, 2013, 39, 567-591.	1.9	73
62	Synovitis in Knee Osteoarthritis Assessed by Contrast-enhanced Magnetic Resonance Imaging (MRI) is Associated with Radiographic Tibiofemoral Osteoarthritis and MRI-detected Widespread Cartilage Damage: The MOST Study. Journal of Rheumatology, 2014, 41, 501-508.	2.0	73
63	Association between measures of trochlear morphology and structural features of patellofemoral joint osteoarthritis on MRI: The MOST study. Journal of Orthopaedic Research, 2012, 30, 1-8.	2.3	72
64	Using magnetic resonance imaging to determine the compartmental prevalence of knee joint structural damage. Osteoarthritis and Cartilage, 2013, 21, 695-699.	1.3	70
65	Can Structural Joint Damage Measured with MR Imaging Be Used to Predict Knee Replacement in the Following Year?. Radiology, 2015, 274, 810-820.	7.3	70
66	The association of bone attrition with knee pain and other MRI features of osteoarthritis. Annals of the Rheumatic Diseases, 2008, 67, 43-47.	0.9	68
67	Subchondral bone attrition may be a reflection of compartment-specific mechanical load: the MOST Study. Annals of the Rheumatic Diseases, 2010, 69, 841-844.	0.9	68
68	Brief Report: Partialâ€•and Fullâ€Thickness Focal Cartilage Defects Contribute Equally to Development of New Cartilage Damage in Knee Osteoarthritis: The Multicenter Osteoarthritis Study. Arthritis and Rheumatology, 2017, 69, 560-564.	5.6	68
69	Short tau inversion recovery and proton density-weighted fat suppressed sequences for the evaluation of osteoarthritis of the knee with a 1.0 T dedicated extremity MRI: development of a time-efficient sequence protocol. European Radiology, 2005, 15, 978-987.	4.5	65
70	Comparison of Diagnostic Performance of Semi-Quantitative Knee Ultrasound and Knee Radiography with MRI: Oulu Knee Osteoarthritis Study. Scientific Reports, 2016, 6, 22365.	3.3	65
71	Risk factors for magnetic resonance imagingâ€“detected patellofemoral and tibiofemoral cartilage loss during a sixâ€•month period: The Joints On Glucosamine study. Arthritis and Rheumatism, 2012, 64, 1888-1898.	6.7	64
72	Delaying ACL reconstruction and treating with exercise therapy alone may alter prognostic factors for 5-year outcome: an exploratory analysis of the KANON trial. British Journal of Sports Medicine, 2017, 51, 1622-1629.	6.7	64

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73	Changes in patellofemoral and tibiofemoral joint cartilage damage and bone marrow lesions over 7 years: the Multicenter Osteoarthritis Study. Osteoarthritis and Cartilage, 2016, 24, 1160-1166.	1.3	63
74	Detection of Osteophytes and Subchondral Cysts in the Knee with Use of Tomosynthesis. Radiology, 2012, 263, 206-215.	7.3	61
75	Ultrasound Assessment of Medial Meniscal Extrusion: A Validation Study Using MRI as Reference Standard. American Journal of Roentgenology, 2015, 204, 584-588.	2.2	61
76	The association of meniscal damage with joint effusion in persons without radiographic osteoarthritis: the Framingham and MOST osteoarthritis studies. Osteoarthritis and Cartilage, 2009, 17, 748-753.	1.3	60
77	Quadriceps weakness, patella alta, and structural features of patellofemoral osteoarthritis. Arthritis Care and Research, 2011, 63, 1391-1397.	3.4	60
78	The role of radiography and MRI for eligibility assessment in DMOAD trials of knee OA. Nature Reviews Rheumatology, 2018, 14, 372-380.	8.0	60
79	Plain Radiography and Magnetic Resonance Imaging Diagnostics in Osteoarthritis: Validated Staging and Scoring. Journal of Bone and Joint Surgery - Series A, 2009, 91, 54-62.	3.0	58
80	Meniscus morphology: Does tear type matter? A narrative review with focus on relevance for osteoarthritis research. Seminars in Arthritis and Rheumatism, 2017, 46, 552-561.	3.4	58
81	Semiquantitative assessment of focal cartilage damage at 3T MRI: A comparative study of dual echo at steady state (DESS) and intermediate-weighted (IW) fat suppressed fast spin echo sequences. European Journal of Radiology, 2011, 80, e126-e131.	2.6	57
82	Magnetic resonance imaging of Hoffa's fat pad and relevance for osteoarthritis research: a narrative review. Osteoarthritis and Cartilage, 2016, 24, 383-397.	1.3	56
83	Unresolved Questions in Rheumatology: Motion for Debate: Osteoarthritis Clinical Trials Have Not Identified Efficacious Therapies Because Traditional Imaging Outcome Measures Are Inadequate. Arthritis and Rheumatism, 2013, 65, 2748-2758.	6.7	54
84	Acute hamstring injury in football players: Association between anatomical location and extent of injuryâ€"A large single-center MRI report. Journal of Science and Medicine in Sport, 2016, 19, 317-322.	1.3	54
85	Baseline radiographic osteoarthritis and semi-quantitatively assessed meniscal damage and extrusion and cartilage damage on MRI is related to quantitatively defined cartilage thickness loss in knee osteoarthritis: the Multicenter Osteoarthritis Study. Osteoarthritis and Cartilage, 2015, 23, 2191-2198.	1.3	53
86	Cartilage thickening in early radiographic knee osteoarthritis: A withinâ€person, betweenâ€knee comparison. Arthritis Care and Research, 2012, 64, 1681-1690.	3.4	51
87	Treatment for acute anterior cruciate ligament tear: five year outcome of randomised trial. British Journal of Sports Medicine, 2015, 49, 700-700.	6.7	51
88	Magnetic Resonance Imaging-Based Semiquantitative and Quantitative Assessment in Osteoarthritis. Rheumatic Disease Clinics of North America, 2009, 35, 521-555.	1.9	50
89	Quantitative MR Imaging of Cartilage and Trabecular Bone in Osteoarthritis. Radiologic Clinics of North America, 2009, 47, 655-673.	1.8	50
90	Semiquantitative assessment of subchondral bone marrow edema-like lesions and subchondral cysts of the knee at 3T MRI: A comparison between intermediate-weighted fat-suppressed spin echo and Dual Echo Steady State sequences. BMC Musculoskeletal Disorders, 2011, 12, 198.	1.9	50

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91	Prevalence of magnetic resonance imagingâ€“defined atrophic and hypertrophic phenotypes of knee osteoarthritis in a populationâ€based cohort. Arthritis and Rheumatism, 2012, 64, 429-437.	6.7	50
92	Osteopotentia regulates osteoblast maturation, bone formation, and skeletal integrity in mice. Journal of Cell Biology, 2010, 189, 511-525.	5.2	49
93	Semi-quantitative MRI biomarkers of knee osteoarthritis progression in the FNIH biomarkers consortium cohortâ€‰â^'â€‰Methodologic aspects and definition of change. BMC Musculoskeletal Disorders, 2016, 17, 466.	1.9	48
94	Effect of Oral Glucosamine on Joint Structure in Individuals With Chronic Knee Pain: A Randomized, Placeboâ€Controlled Clinical Trial. Arthritis and Rheumatology, 2014, 66, 930-939.	5.6	47
95	Pre-radiographic osteoarthritic changes are highly prevalent in theÂmedial patella and medial posterior femur in older persons: Framingham OA study. Osteoarthritis and Cartilage, 2014, 22, 76-83.	1.3	47
96	Predictive Validity of Radiographic Trabecular Bone Texture in Knee Osteoarthritis. Arthritis and Rheumatology, 2018, 70, 80-87.	5.6	46
97	Imaging Features of Postoperative Complications After Spinal Surgery and Instrumentation. American Journal of Roentgenology, 2012, 199, W123-W129.	2.2	45
98	Natural History of Intrameniscal Signal Intensity on Knee MR Images: Six Years of Data from the Osteoarthritis Initiative. Radiology, 2016, 278, 164-171.	7.3	44
99	Co-localisation of non-cartilaginous articular pathology increases risk of cartilage loss in the tibiofemoral jointâ€"the MOST study. Annals of the Rheumatic Diseases, 2013, 72, 942-948.	0.9	43
100	Associations between MRI-defined structural pathology and generalized and localized knee pain â€“ the Oulu Knee Osteoarthritis study. Osteoarthritis and Cartilage, 2016, 24, 1565-1576.	1.3	43
101	Longitudinal assessment of cyst-like lesions of the knee and their relation to radiographic osteoarthritis and MRI-detected effusion and synovitis in patients with knee pain. Arthritis Research and Therapy, 2010, 12, R172.	3.5	42
102	Breaking the Law of Valgus: the surprising and unexplained prevalence of medial patellofemoral cartilage damage. Annals of the Rheumatic Diseases, 2012, 71, 1827-1832.	0.9	42
103	Peripatellar synovitis: comparison between non-contrast-enhanced and contrast-enhanced MRI and association with pain. The MOST study. Osteoarthritis and Cartilage, 2013, 21, 413-418.	1.3	42
104	Imaging of Osteoarthritis. Rheumatic Disease Clinics of North America, 2013, 39, 67-105.	1.9	42
105	MRI-based screening for structural definition of eligibility in clinical DMOAD trials: Rapid OsteoArthritis MRI Eligibility Score (ROAMES). Osteoarthritis and Cartilage, 2020, 28, 71-81.	1.3	42
106	A comparison of dedicated 1.0T extremity MRI vs large-bore 1.5T MRI for semiquantitative whole organ assessment of osteoarthritis: the MOST study. Osteoarthritis and Cartilage, 2010, 18, 168-174.	1.3	41
107	The MeTeOR Trial (Meniscal Tear in Osteoarthritis Research): Rationale and design features. Contemporary Clinical Trials, 2012, 33, 1189-1196.	1.8	41
108	Whole joint MRI assessment of surgical cartilage repair of the knee: Cartilage Repair OsteoArthritis Knee Score (CROAKS). Osteoarthritis and Cartilage, 2014, 22, 779-799.	1.3	41

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109	Varus thrust during walking and the risk of incident and worsening medial tibiofemoral MRI lesions: the Multicenter Osteoarthritis Study. Osteoarthritis and Cartilage, 2017, 25, 839-845.	1.3	41
110	Understanding Magnetic Resonance Imaging of Knee Cartilage Repair: A Focus on Clinical Relevance. Cartilage, 2018, 9, 223-236.	2.7	41
111	Clinical significance of worsening versus stable preradiographic MRI lesions in a cohort study of persons at higher risk for knee osteoarthritis. Annals of the Rheumatic Diseases, 2016, 75, 1630-1636.	0.9	40
112	²³Na MRI depicts early changes in ion homeostasis in skeletal muscle tissue of patients with duchenne muscular dystrophy. Journal of Magnetic Resonance Imaging, 2019, 50, 1103-1113.	3.4	40
113	Volumetric and semiquantitative assessment of MRI-detected subchondral bone marrow lesions in knee osteoarthritis: a comparison of contrast-enhanced and non-enhanced imaging. Osteoarthritis and Cartilage, 2010, 18, 1062-1066.	1.3	39
114	Imaging of osteoarthritis. Current Opinion in Rheumatology, 2011, 23, 484-491.	4.3	39
115	The Diagnostic Performance of Anterior Knee Pain and Activity-related Pain in Identifying Knees with Structural Damage in the Patellofemoral Joint: The Multicenter Osteoarthritis Study. Journal of Rheumatology, 2014, 41, 1695-1702.	2.0	39
116	Posterior ankle impingement in athletes: Pathogenesis, imaging features and differential diagnoses. European Journal of Radiology, 2015, 84, 2231-2241.	2.6	39
117	Towards prevention of post-traumatic osteoarthritis: report from an international expert working group on considerations for the design and conduct of interventional studies following acute knee injury. Osteoarthritis and Cartilage, 2019, 27, 23-33.	1.3	39
118	Structural effects of sprifermin in knee osteoarthritis: a post-hoc analysis on cartilage and non-cartilaginous tissue alterations in a randomized controlled trial. BMC Musculoskeletal Disorders, 2016, 17, 267.	1.9	38
119	Progression of cartilage damage and meniscal pathology over 30 months is associated with an increase in radiographic tibiofemoral joint space narrowing in persons with knee OA â€“ the MOST study. Osteoarthritis and Cartilage, 2014, 22, 1743-1747.	1.3	36
120	Osteoarthritis: Current Role of Imaging. Medical Clinics of North America, 2009, 93, 101-126.	2.5	35
121	Reference values and Z-scores for subregional femorotibial cartilage thickness â€“ results from a large population-based sample (Framingham) and comparison with the non-exposed Osteoarthritis Initiative reference cohort. Osteoarthritis and Cartilage, 2010, 18, 1275-1283.	1.3	35
122	Increased risk for radiographic osteoarthritis features in young active athletes: a cross-sectional matched caseâ€“control study. Osteoarthritis and Cartilage, 2015, 23, 239-243.	1.3	35
123	Can standardised clinical examination of athletes with acute groin injuries predict the presence and location of MRI findings?. British Journal of Sports Medicine, 2016, 50, 1541-1547.	6.7	35
124	Osteoarthritis year in review 2019: imaging. Osteoarthritis and Cartilage, 2020, 28, 285-295.	1.3	35
125	Using Cumulative Load to Explain How Body Mass Index and Daily Walking Relate to Worsening Knee Cartilage Damage Over Two Years: The <scp>MOST</scp> Study. Arthritis and Rheumatology, 2020, 72, 957-965.	5.6	35
126	MRI-based semiquantitative assessment of subchondral bone marrow lesions in osteoarthritis research. Osteoarthritis and Cartilage, 2009, 17, 414-415.	1.3	34

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127	Imaging of osteoarthritisâ€"recent research developments and future perspective. British Journal of Radiology, 2018, 91, 20170349.	2.2	34
128	Tanezumab for chronic low back pain: a randomized, double-blind, placebo- and active-controlled, phase 3 study of efficacy and safety. Pain, 2020, 161, 2068-2078.	4.2	34
129	Association of changes in delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) with changes in cartilage thickness in the medial tibiofemoral compartment of the knee: a 2â€…year follow-up study using 3.0â€…T MRI. Annals of the Rheumatic Diseases, 2014, 73, 1935-1941.	0.9	33
130	The relation of MRI-detected structural damage in the medial and lateral patellofemoral joint to knee pain: the Multicenter and Framingham Osteoarthritis Studies. Osteoarthritis and Cartilage, 2015, 23, 565-570.	1.3	33
131	Comparison of radiographic joint space width and magnetic resonance imaging for prediction of knee replacement: A longitudinal case-control study from the Osteoarthritis Initiative. European Radiology, 2016, 26, 1942-1951.	4.5	33
132	Sports Injuries at the Rio de Janeiro 2016 Summer Olympics: Use of Diagnostic Imaging Services. Radiology, 2018, 287, 922-932.	7.3	33
133	Statin Use and Knee Osteoarthritis Outcome Measures according to the Presence of Heberden Nodes: Results from the Osteoarthritis Initiative. Radiology, 2019, 293, 396-404.	7.3	33
134	Contrast-enhanced MRI of subchondral cysts in patients with or at risk for knee osteoarthritis: The MOST study. European Journal of Radiology, 2010, 75, e92-e96.	2.6	32
135	Three-dimensional turbo spin-echo magnetic resonance imaging (MRI) and semiquantitative assessment of knee osteoarthritis: comparison with two-dimensional routine MRI. Osteoarthritis and Cartilage, 2013, 21, 428-433.	1.3	32
136	New MRI muscle classification systems and associations with return to sport after acute hamstring injuries: a prospective study. European Radiology, 2018, 28, 3532-3541.	4.5	32
137	An illustrative overview of semi-quantitative MRI scoring of knee osteoarthritis: lessons learned from longitudinal observational studies. Osteoarthritis and Cartilage, 2016, 24, 274-289.	1.3	31
138	Imaging of patellar fractures. Insights Into Imaging, 2017, 8, 49-57.	3.4	31
139	Intra- and interrater reliability of three different MRI grading and classification systems after acute hamstring injuries. European Journal of Radiology, 2017, 89, 182-190.	2.6	31
140	The association of magnetic resonance imaging (MRI)-detected structural pathology of the knee with crepitus in a population-based cohort with knee pain: the MoDEKO study. Osteoarthritis and Cartilage, 2011, 19, 1429-1432.	1.3	30
141	Cartilage thickness at the posterior medial femoral condyle is increased in femorotibial knee osteoarthritis: a cross-sectional CT arthrography study (Part 2). Osteoarthritis and Cartilage, 2015, 23, 224-231.	1.3	30
142	Structural effects of intra-articular TGF-Î²1 in moderate to advanced knee osteoarthritis: MRI-based assessment in a randomized controlled trial. BMC Musculoskeletal Disorders, 2017, 18, 461.	1.9	30
143	MRI Findings Consistent with Peripatellar Fat Pad Impingement: How Much Related to Patellofemoral Maltracking?. Magnetic Resonance in Medical Sciences, 2018, 17, 195-202.	2.0	30
144	Assessment of synovitis in the osteoarthritic knee: Comparison between manual segmentation, semiautomated segmentation, and semiquantitative assessment using contrastâ€enhanced fatâ€suppressed T 1 â€weighted MRI. Magnetic Resonance in Medicine, 2010, 64, 604-609.	3.0	29

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145	Imaging of non-osteochondral tissues in osteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 1590-1605.	1.3	29
146	Preliminary Validation of 2 Magnetic Resonance Image Scoring Systems for Osteoarthritis of the Hip According to the OMERACT Filter. Journal of Rheumatology, 2014, 41, 370-378.	2.0	29
147	Imaging atlas for eligibility and on-study safety of potential knee adverse events in anti-NGF studies (Part 1). Osteoarthritis and Cartilage, 2015, 23, S22-S42.	1.3	29
148	Reliability of MRI assessment of acute musculotendinous groin injuries in athletes. European Radiology, 2017, 27, 1486-1495.	4.5	29
149	Relationship of Trochlear Morphology and Patellofemoral Joint Alignment to Superolateral Hoffa Fat Pad Edema on MR Images in Individuals with or at Risk for Osteoarthritis of the Knee: The MOST Study. Radiology, 2017, 284, 806-814.	7.3	29
150	Patellofemoral morphology and alignment: reference values and doseâ€“response patterns for the relation to MRI features of patellofemoral osteoarthritis. Osteoarthritis and Cartilage, 2017, 25, 1690-1697.	1.3	29
151	Intra-articular Corticosteroid Injections for the Treatment of Hip and Knee Osteoarthritis-related Pain: Considerations and Controversies with a Focus on Imagingâ€”Radiology Scientific Expert Panel. Radiology, 2020, 297, 503-512.	7.3	29
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153	Cyst-like lesions of the knee joint and their relation to incident knee pain and development of radiographic osteoarthritis: the MOST study. Osteoarthritis and Cartilage, 2010, 18, 1386-1392.	1.3	27
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