

Frank Roemer

List of Publications by Year in descending order

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Version: 2024-02-01

354
papers

16,093
citations

16791

66
h-index

28425

109
g-index

358
all docs

358
docs citations

358
times ranked

8981
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivariable Modeling of Biomarker Data From the Phase I Foundation for the National Institutes of Health Osteoarthritis Biomarkers Consortium. <i>Arthritis Care and Research</i> , 2022, 74, 1142-1153.	1.5	25
2	Presence of Magnetic Resonance Imagingâ€‘Defined Inflammation Particularly in Overweight and Obese Women Increases Risk of Radiographic Knee Osteoarthritis: The POMA Study. <i>Arthritis Care and Research</i> , 2022, 74, 1391-1398.	1.5	10
3	Magnetic Resonance Imagingâ€‘Defined Osteophyte Presence and Concomitant Cartilage Damage in Knees With Incident Tibiofemoral Osteoarthritis: Data From the Pivotal Osteoarthritis Initiative Magnetic Resonance Imaging Analyses Study. <i>Arthritis Care and Research</i> , 2022, 74, 1513-1519.	1.5	3
4	Magnetic Resonance Imagingâ€‘Defined Osteoarthritis Features and Anterior Knee Pain in Individuals With, or at Risk for, Knee Osteoarthritis: A Multicenter Study on Osteoarthritis. <i>Arthritis Care and Research</i> , 2022, 74, 1533-1540.	1.5	7
5	Imaging in Osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 913-934.	0.6	25
6	Relation of <scp>MRIâ€‘Detected</scp> Features of Patellofemoral Osteoarthritis to Pain, <scp>Performanceâ€‘Based</scp> Function, and Daily Walking: The Multicenter Osteoarthritis Study. <i>ACR Open Rheumatology</i> , 2022, 4, 161-167.	0.9	1
7	Imaging Review of Subscapularis Tendon and Rotator Interval Pathology. <i>Radiology Research and Practice</i> , 2022, 2022, 1-9.	0.6	5
8	Statin use and MRI subchondral bone marrow lesion worsening in generalized osteoarthritis: longitudinal analysis from Osteoarthritis Initiative data. <i>European Radiology</i> , 2022, 32, 3944-3953.	2.3	6
9	Populationâ€‘based cohort imaging: skeletal muscle mass by magnetic resonance imaging in correlation to bioelectricalâ€‘impedance analysis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 976-986.	2.9	8
10	Heterogeneity of cartilage damage in Kellgren and Lawrence grade 2 and 3 knees: the MOST study. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 714-723.	0.6	14
11	Advanced neural networks for classification of MRI in psoriatic arthritis, seronegative, and seropositive rheumatoid arthritis. <i>Rheumatology</i> , 2022, 61, 4945-4951.	0.9	14
12	Editorial Commentary: Arthroscopic Partial Meniscectomy Outcomes Are Worse in Patients With Concomitant Pathology. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 945-947.	1.3	1
13	Conventional MRI-derived subchondral trabecular biomarkers and their association with knee cartilage volume loss as early as 1Â‘year: a longitudinal analysis from Osteoarthritis Initiative. <i>Skeletal Radiology</i> , 2022, 51, 1959-1966.	1.2	2
14	MRI-based Texture Analysis of Infrapatellar Fat Pad to Predict Knee Osteoarthritis Incidence. <i>Radiology</i> , 2022, 304, 611-621.	3.6	23
15	Update: Posttreatment Imaging of the Knee after Cartilage Repair. <i>Seminars in Musculoskeletal Radiology</i> , 2022, 26, 216-229.	0.4	0
16	Role of Thigh Muscle Changes in Knee Osteoarthritis Outcomes: Osteoarthritis Initiative Data. <i>Radiology</i> , 2022, 305, 169-178.	3.6	19
17	Patterns of progression differ between Kellgren-Lawrence 2 and 3 knees fulfilling different definitions of a cartilage-menisus phenotype in the Foundation for National Institutes of Health Osteoarthritis Biomarkers study (FNIH). <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100284.	0.9	5
18	FDA/Arthritis Foundation osteoarthritis drug development workshop recap: Assessment of long-term benefit. <i>Seminars in Arthritis and Rheumatism</i> , 2022, 56, 152070.	1.6	12

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19	Phenylalanine Is a Novel Marker for Radiographic Knee Osteoarthritis Progression: The MOST Study. <i>Journal of Rheumatology</i> , 2021, 48, 123-128.	1.0	10
20	Kneeling as a risk factor of patellofemoral joint cartilage damage worsening: an exploratory analysis on the Osteoarthritis Initiative. <i>European Radiology</i> , 2021, 31, 2601-2609.	2.3	3
21	Conventional MRI-based subchondral trabecular biomarkers as predictors of knee osteoarthritis progression: data from the Osteoarthritis Initiative. <i>European Radiology</i> , 2021, 31, 3564-3573.	2.3	11
22	Bone Structure Analysis of the Radius Using Ultrahigh Field (7T) MRI: Relevance of Technical Parameters and Comparison with 3T MRI and Radiography. <i>Diagnostics</i> , 2021, 11, 110.	1.3	2
23	Biochemical cartilage changes based on MRI-defined T2 relaxation times do not equal OA detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2023833118.	3.3	1
24	Association between Patellofemoral and medial Tibiofemoral compartment osteoarthritis progression: exploring the effect of body weight using longitudinal data from osteoarthritis initiative (OAI). <i>Skeletal Radiology</i> , 2021, 50, 1845-1854.	1.2	5
25	MRI-Detected Knee Ligament Sprains and Associated Internal Derangement in Athletes Competing at the Rio de Janeiro 2016 Summer Olympics. <i>Open Access Journal of Sports Medicine</i> , 2021, Volume 12, 23-32.	0.6	3
26	Sports injuries at the Rio de Janeiro 2016 Summer Paralympic Games: use of diagnostic imaging services. <i>European Radiology</i> , 2021, 31, 6768-6779.	2.3	14
27	Development of MRI-defined Structural Tissue Damage after Anterior Cruciate Ligament Injury over 5 Years: The KANON Study. <i>Radiology</i> , 2021, 299, 383-393.	3.6	11
28	Distribution patterns of intramyocellular and extramyocellular fat by magnetic resonance imaging in subjects with diabetes, prediabetes and normoglycaemic controls. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1868-1878.	2.2	14
29	Dynamic contrast-enhanced MRI for assessment of subchondral bone marrow vascularization in an experimental osteoarthritis model: a major step towards clinical translation?. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 603-606.	0.6	0
30	Weight-bearing CT for Knee Osteoarthritis Assessment: A Story Unfolds. <i>Radiology</i> , 2021, 299, 660-661.	3.6	8
31	How to effectively utilize imaging in disease-modifying treatments for osteoarthritis clinical trials: the radiologist's perspective. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 673-684.	1.5	3
32	Is meniscal status in the anterior cruciate ligament injured knee associated with change in bone surface area? An exploratory analysis of the KANON trial. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 841-848.	0.6	3
33	MRI of Finger Pulleys at 7T: Direct Characterization of Pulley Ruptures in an Ex Vivo Model. <i>Diagnostics</i> , 2021, 11, 1206.	1.3	5
34	Wrist injuries detected on magnetic resonance imaging in athletes participating in the Rio de Janeiro 2016 Summer Olympic Games. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3244-3251.	1.1	2
35	Beyond the Sacro-Iliac Joints: Vertebral Involvement in Axial Spondylarthritis. <i>European Journal of Radiology</i> , 2021, 144, 109982.	1.2	0
36	Frequency of MRI-detected peripheral osteoarthritis in athletes during the Summer Olympics in Rio 2016. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100199.	0.9	3

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37	Cross-sectional and longitudinal reliability of semiquantitative osteoarthritis assessment at 1.0T extremity MRI: Multi-reader data from the MOST study. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100214.	0.9	4
38	Scanned versus Fused-Reconstructed Oblique MR-Images for Assessment of the Tibiofibular Syndesmosisâ€™Diagnostic Performance and Reader Agreement. <i>Diagnostics</i> , 2021, 11, 197.	1.3	0
39	Editorial: Welcome!. <i>Osteoarthritis Imaging</i> , 2021, 1, 100002.	0.3	0
40	Longitudinal Change in Knee Cartilage Thickness and Function in Subjects with and without MRI-Diagnosed Cartilage Damage. <i>Cartilage</i> , 2021, 13, 685S-693S.	1.4	4
41	Association of markers of patellofemoral maltracking to cartilage damage and bone marrow lesions on MRI: Data from the 2016 Olympic Games of Rio De Janeiro. <i>European Journal of Radiology Open</i> , 2021, 8, 100381.	0.7	3
42	Step Rate and Worsening of Patellofemoral and Tibiofemoral Joint Osteoarthritis in Women and Men: The Multicenter Osteoarthritis Study. <i>Arthritis Care and Research</i> , 2020, 72, 107-113.	1.5	15
43	Patellofemoral morphology measurements and their associations with tibiofemoral osteoarthritis-related structural damage: exploratory analysis on the osteoarthritis initiative. <i>European Radiology</i> , 2020, 30, 128-140.	2.3	15
44	MRI-based screening for structural definition of eligibility in clinical DMOAD trials: Rapid OsteoArthritis MRI Eligibility Score (ROAMES). <i>Osteoarthritis and Cartilage</i> , 2020, 28, 71-81.	0.6	42
45	Are contrast-enhanced and non-contrast MRI findings reflecting synovial inflammation in knee osteoarthritis: a meta-analysis of observational studies. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 126-136.	0.6	21
46	Osteoarthritis year in review 2019: imaging. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 285-295.	0.6	35
47	Frequencies of MRI-detected structural pathology in knees without radiographic OA and worsening over three years: How relevant is contralateral radiographic osteoarthritis?. <i>Osteoarthritis and Cartilage Open</i> , 2020, 1, 100014.	0.9	4
48	Using Cumulative Load to Explain How Body Mass Index and Daily Walking Relate to Worsening Knee Cartilage Damage Over Two Years: The <sc>MOST</sc> Study. <i>Arthritis and Rheumatology</i> , 2020, 72, 957-965.	2.9	35
49	Standardized multi-vendor compositional MRI of knee cartilage: a key step towards clinical translation?. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1497-1500.	0.6	3
50	Intra-articular Corticosteroid Injections for the Treatment of Hip and Knee Osteoarthritis-related Pain: Considerations and Controversies with a Focus on Imagingâ€™<i>Radiology</i> Scientific Expert Panel. <i>Radiology</i> , 2020, 297, 503-512.	3.6	29
51	Evaluating the structural effects of intra-articular sprifermin on cartilage and non-cartilaginous tissue alterations, based on sqMRI assessment over 2Âˆyears. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1229-1234.	0.6	10
52	Lateral patellar tilt and its longitudinal association with patellofemoral osteoarthritis-related structural damage: Analysis of the osteoarthritis initiative data. <i>Knee</i> , 2020, 27, 1971-1979.	0.8	8
53	Imaging of OA â€™ From disease modification to clinical utility. <i>Best Practice and Research in Clinical Rheumatology</i> , 2020, 34, 101588.	1.4	5
54	State of the Art: Imaging of Osteoarthritisâ€™Revisited 2020. <i>Radiology</i> , 2020, 296, 5-21.	3.6	96

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55	Tanezumab for chronic low back pain: a randomized, double-blind, placebo- and active-controlled, phase 3 study of efficacy and safety. <i>Pain</i> , 2020, 161, 2068-2078.	2.0	34
56	Is Lamellar Cartilage Composition as Determined by T2 Relaxometry Associated with Incident and Worsening of Cartilage or Bone Marrow Abnormalities?. <i>Cartilage</i> , 2020, , 194760352093219.	1.4	2
57	Associations Between Initial Clinical Examination and Imaging Findings and Return-to-Sport in Male Athletes With Acute Adductor Injuries: A Prospective Cohort Study. <i>American Journal of Sports Medicine</i> , 2020, 48, 1151-1159.	1.9	13
58	Psychological and Pain Sensitization Characteristics Are Associated With Patellofemoral Osteoarthritis Symptoms: The Multicenter Osteoarthritis Study. <i>Journal of Rheumatology</i> , 2020, 47, 1696-1703.	1.0	3
59	Comprehensive assessment of knee joint synovitis at 7T MRI using contrast-enhanced and non-enhanced sequences. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 116.	0.8	12
60	Association between radiographic anterior cruciate ligament tear and joint symptoms: Data from the osteoarthritis initiative. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 576-581.	0.9	2
61	Molecular and imaging biomarkers of local inflammation at 2 years after anterior cruciate ligament injury do not associate with patient reported outcomes at 5 years. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 356-362.	0.6	7
62	MRI-detected spinal disc degenerative changes in athletes participating in the Rio de Janeiro 2016 Summer Olympics games. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 45.	0.8	25
63	Association of baseline and change in tibial and femoral cartilage thickness and development of widespread full-thickness cartilage loss in knee osteoarthritis – data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 811-818.	0.6	10
64	Knee cartilage damage and concomitant internal derangement on MRI in athletes competing at the Rio de Janeiro 2016 Summer Olympics. <i>European Journal of Radiology Open</i> , 2020, 7, 100258.	0.7	4
65	Association of knee OA structural phenotypes to risk for progression: a secondary analysis from the Foundation for National Institutes of Health Osteoarthritis Biomarkers study (FNIH). <i>Osteoarthritis and Cartilage</i> , 2020, 28, 1220-1228.	0.6	20
66	Does Baseline Cartilage T2 Predict Incident and Worsening of Structural Morphological Damage of the Radiographically Normal Knee Joint Over 3 Years?. , 2020, 24, .		0
67	Molecular and Structural Biomarkers of Inflammation at Two Years After Acute Anterior Cruciate Ligament Injury Do Not Predict Structural Knee Osteoarthritis at Five Years. <i>Arthritis and Rheumatology</i> , 2019, 71, 238-243.	2.9	23
68	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. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 23-33.	0.6	39
69	Radiographically normal knees with contralateral joint space narrowing display greater change in cartilage transverse relaxation time than those with normal contralateral knees: a model of early OA? – data from the Osteoarthritis Initiative (OAI). <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1663-1668.	0.6	13
70	Baseline structural tissue pathology is not strongly associated with longitudinal change in transverse relaxation time (T2) in knees without osteoarthritis. <i>European Journal of Radiology</i> , 2019, 118, 161-168.	1.2	3
71	Imaging of Common Rheumatic Joint Diseases Affecting the Upper Limbs. <i>Radiologic Clinics of North America</i> , 2019, 57, 1001-1034.	0.9	3
72	Intra-articular Corticosteroid Injections in the Hip and Knee: Perhaps Not as Safe as We Thought?. <i>Radiology</i> , 2019, 293, 656-663.	3.6	186

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73	Heberden's Nodes and Knee Osteoarthritis-Related Osseous Structural Damage: Exploratory Study From the Osteoarthritis Initiative. <i>Arthritis and Rheumatology</i> , 2019, 71, 935-940.	2.9	2
74	Statin Use and Knee Osteoarthritis Outcome Measures according to the Presence of Heberden Nodes: Results from the Osteoarthritis Initiative. <i>Radiology</i> , 2019, 293, 396-404.	3.6	33
75	Which Is Better for Characterizing Disease Activity in Axial Spondyloarthritis: Diffusion MRI or T2-weighted/STIR MRI?. <i>Radiology</i> , 2019, 291, 129-130.	3.6	6
76	Reply. <i>Arthritis and Rheumatology</i> , 2019, 71, 1588-1588.	2.9	0
77	Prevalence of MRI-Detected Ankle Injuries in Athletes in the Rio de Janeiro 2016 Summer Olympics. <i>Academic Radiology</i> , 2019, 26, 1605-1617.	1.3	9
78	MRI of ankle sprain: the association between joint effusion and structural injury severity in a large cohort of athletes. <i>European Radiology</i> , 2019, 29, 6336-6344.	2.3	23
79	Cruciate ligament injuries of the knee: A meta-analysis of the diagnostic performance of 3D MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1545-1560.	1.9	24
80	²³ Na MRI depicts early changes in ion homeostasis in skeletal muscle tissue of patients with duchenne muscular dystrophy. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1103-1113.	1.9	40
81	Elbow Injuries Detected on Magnetic Resonance Imaging in Athletes Participating in the Rio de Janeiro 2016 Summer Olympic Games. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 981-985.	0.5	8
82	Association of patella alta with worsening of patellofemoral osteoarthritis-related structural damage: data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 278-285.	0.6	21
83	Diagnosis of Knee Meniscal Injuries by Using Three-dimensional MRI: A Systematic Review and Meta-Analysis of Diagnostic Performance. <i>Radiology</i> , 2019, 290, 435-445.	3.6	25
84	Scrutinizing the cut-off for "pathological" meniscal body extrusion on knee MRI. <i>European Radiology</i> , 2019, 29, 2616-2623.	2.3	28
85	Imaging of Osteoarthritis by Conventional Radiography, MR Imaging, PET-Computed Tomography, and PET-MR Imaging. <i>PET Clinics</i> , 2019, 14, 17-29.	1.5	17
86	Cartilage loss in radiographically normal knees depends on radiographic status of the contralateral knee - data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 273-277.	0.6	21
87	Sex-Specific Influence of Quadriceps Weakness on Worsening Patellofemoral and Tibiofemoral Cartilage Damage: A Prospective Cohort Study. <i>Arthritis Care and Research</i> , 2019, 71, 1360-1365.	1.5	27
88	The association of frontal plane alignment to MRI-defined worsening of patellofemoral osteoarthritis: the MOST study. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 459-467.	0.6	15
89	Diagnostic performance of knee physical exam and participant-reported symptoms for MRI-detected effusion-synovitis among participants with early or late stage knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 80-89.	0.6	9
90	Meniscal body extrusion and cartilage coverage in middle-aged and elderly without radiographic knee osteoarthritis. <i>European Radiology</i> , 2019, 29, 1848-1854.	2.3	18

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91	Magnetic resonance imaging assessment of knee osteoarthritis: current and developing new concepts and techniques. <i>Clinical and Experimental Rheumatology</i> , 2019, 37 Suppl 120, 88-95.	0.4	6
92	New MRI muscle classification systems and associations with return to sport after acute hamstring injuries: a prospective study. <i>European Radiology</i> , 2018, 28, 3532-3541.	2.3	32
93	Association of Mucoïd Degeneration of the Anterior Cruciate Ligament at MR Imaging with Medial Tibiofemoral Osteoarthritis Progression at Radiography: Data from the Osteoarthritis Initiative. <i>Radiology</i> , 2018, 287, 912-921.	3.6	23
94	Brief Report: Association of Quantitative and Topographic Assessment of Heberden's Nodes With Knee Osteoarthritis: Data From the Osteoarthritis Initiative. <i>Arthritis and Rheumatology</i> , 2018, 70, 1234-1239.	2.9	5
95	Sports Injuries at the Rio de Janeiro 2016 Summer Olympics: Use of Diagnostic Imaging Services. <i>Radiology</i> , 2018, 287, 922-932.	3.6	33
96	Inter- and intra-observer variability of an anatomical landmark-based, manual segmentation method by MRI for the assessment of skeletal muscle fat content and area in subjects from the general population. <i>British Journal of Radiology</i> , 2018, 91, 20180019.	1.0	14
97	Superolateral Hoffa's fat pad (SHFP) oedema and patellar cartilage volume loss: quantitative analysis using longitudinal data from the Foundation for the National Institute of Health (FNIH) Osteoarthritis Biomarkers Consortium. <i>European Radiology</i> , 2018, 28, 4134-4145.	2.3	13
98	Relation of meniscus pathology to prevalence and worsening of patellofemoral joint osteoarthritis: the Multicenter Osteoarthritis Study. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 912-919.	0.6	17
99	From Early Radiographic Knee Osteoarthritis to Joint Arthroplasty: Determinants of Structural Progression and Symptoms. <i>Arthritis Care and Research</i> , 2018, 70, 1778-1786.	1.5	16
100	Imaging of osteoarthritis—recent research developments and future perspective. <i>British Journal of Radiology</i> , 2018, 91, 20170349.	1.0	34
101	Bisphosphonates intake and its association with changes of periarticular bone area and three-dimensional shape: data from the Osteoarthritis Initiative (OAI). <i>Osteoarthritis and Cartilage</i> , 2018, 26, 564-568.	0.6	13
102	Tibial tuberosity to trochlear groove distance and its association with patellofemoral osteoarthritis-related structural damage worsening: data from the osteoarthritis initiative. <i>European Radiology</i> , 2018, 28, 4669-4680.	2.3	15
103	MRI Findings Consistent with Peripatellar Fat Pad Impingement: How Much Related to Patellofemoral Maltracking?. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 195-202.	1.1	30
104	Evaluation of spine MRIs in athletes participating in the Rio de Janeiro 2016 Summer Olympic Games. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000335.	1.4	15
105	Fractures associated with ACL injury need to be taken seriously. <i>British Journal of Sports Medicine</i> , 2018, 52, 6-7.	3.1	5
106	Understanding Magnetic Resonance Imaging of Knee Cartilage Repair: A Focus on Clinical Relevance. <i>Cartilage</i> , 2018, 9, 223-236.	1.4	41
107	Epidemiology of imaging-detected tendon abnormalities in athletes participating in the Rio de Janeiro 2016 Summer Olympics. <i>British Journal of Sports Medicine</i> , 2018, 52, 465-469.	3.1	11
108	Predictive Validity of Radiographic Trabecular Bone Texture in Knee Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 80-87.	2.9	46

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109	Epidemiology of imaging-detected bone stress injuries in athletes participating in the Rio de Janeiro 2016 Summer Olympics. <i>British Journal of Sports Medicine</i> , 2018, 52, 470-474.	3.1	23
110	Diagnostic Accuracy of an MRI Protocol of the Knee Accelerated Through Parallel Imaging in Correlation to Arthroscopy. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 265-272.	0.7	17
111	Is synovitis detected on non-contrast-enhanced magnetic resonance imaging associated with serum biomarkers and clinical signs of effusion? Data from the Osteoarthritis Initiative. <i>Scandinavian Journal of Rheumatology</i> , 2018, 47, 235-242.	0.6	13
112	Imaging-detected acute muscle injuries in athletes participating in the Rio de Janeiro 2016 Summer Olympic Games. <i>British Journal of Sports Medicine</i> , 2018, 52, 460-464.	3.1	26
113	The epidemiology of MRI-detected pelvic injuries in athletes in the Rio de Janeiro 2016 Summer Olympics. <i>European Journal of Radiology</i> , 2018, 105, 56-64.	1.2	5
114	A quantitative metric for knee osteoarthritis: reference values of joint space loss. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1215-1224.	0.6	20
115	Assessment of the degree of abdominal myosteotosis by magnetic resonance imaging in subjects with diabetes, prediabetes and healthy controls from the general population. <i>European Journal of Radiology</i> , 2018, 105, 261-268.	1.2	20
116	MRI-Detected Sports-Related Knee Injuries and Abnormalities at the Rio de Janeiro 2016 Summer Olympic Games. <i>American Journal of Roentgenology</i> , 2018, 211, 880-886.	1.0	10
117	Mitochondrial DNA haplogroups associated with MRI-detected structural damage in early knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1562-1569.	0.6	14
118	The role of radiography and MRI for eligibility assessment in DMOAD trials of knee OA. <i>Nature Reviews Rheumatology</i> , 2018, 14, 372-380.	3.5	60
119	The epidemiology of MRI detected shoulder injuries in athletes participating in the Rio de Janeiro 2016 Summer Olympics. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 296.	0.8	16
120	Recent advances in research imaging of osteoarthritis with focus on MRI, ultrasound and hybrid imaging. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 114, 43-52.	0.4	14
121	Partial meniscectomy is associated with increased risk of incident radiographic osteoarthritis and worsening cartilage damage in the following year. <i>European Radiology</i> , 2017, 27, 404-413.	2.3	83
122	Prediction of medial tibiofemoral compartment joint space loss progression using volumetric cartilage measurements: Data from the FNIH OA biomarkers consortium. <i>European Radiology</i> , 2017, 27, 464-473.	2.3	25
123	Reliability of MRI assessment of acute musculotendinous groin injuries in athletes. <i>European Radiology</i> , 2017, 27, 1486-1495.	2.3	29
124	Imaging of patellar fractures. <i>Insights Into Imaging</i> , 2017, 8, 49-57.	1.6	31
125	Varus thrust during walking and the risk of incident and worsening medial tibiofemoral MRI lesions: the Multicenter Osteoarthritis Study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 839-845.	0.6	41
126	Intra- and interrater reliability of three different MRI grading and classification systems after acute hamstring injuries. <i>European Journal of Radiology</i> , 2017, 89, 182-190.	1.2	31

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127	Imaging of Muscle Injuries in Sports Medicine: Sports Imaging Series. <i>Radiology</i> , 2017, 282, 646-663.	3.6	104
128	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. <i>Radiology</i> , 2017, 284, 806-814.	3.6	29
129	Differences in tibial subchondral bone structure evaluated using plain radiographs between knees with and without cartilage damage or bone marrow lesions - the Oulu Knee Osteoarthritis study. <i>European Radiology</i> , 2017, 27, 4874-4882.	2.3	16
130	Is superolateral Hoffa's fat pad hyperintensity a marker of local patellofemoral joint disease? â€œ The MOST study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1459-1467.	0.6	11
131	Is the atrophic phenotype of tibiofemoral osteoarthritis associated with faster progression of disease? The MOST study. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1647-1653.	0.6	11
132	Development of an imaging mitigation strategy for patient enrolment in the tanezumab nerve growth factor inhibitor (NGF-ab) program with a focus on eligibility assessment. <i>Seminars in Arthritis and Rheumatism</i> , 2017, 47, 323-330.	1.6	12
133	Delaying ACL reconstruction and treating with exercise therapy alone may alter prognostic factors for 5-year outcome: an exploratory analysis of the KANON trial. <i>British Journal of Sports Medicine</i> , 2017, 51, 1622-1629.	3.1	64
134	Imaging in Osteoarthritis. <i>Radiologic Clinics of North America</i> , 2017, 55, 1085-1102.	0.9	23
135	Quantification of change in vocal fold tissue stiffness relative to depth of artificial damage. <i>Logopedics Phoniatrics Vocology</i> , 2017, 42, 108-117.	0.5	1
136	Comparison in knee osteoarthritis joint damage patterns among individuals with an intact, complete and partial anterior cruciate ligament rupture. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1361-1371.	0.9	17
137	Associations Between Clinical Evidence of Inflammation and Synovitis in Symptomatic Knee Osteoarthritis: A Cross-sectional Substudy. <i>Arthritis Care and Research</i> , 2017, 69, 1340-1348.	1.5	26
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144	Brief Report: Partialâ€œand Fullâ€œThickness Focal Cartilage Defects Contribute Equally to Development of New Cartilage Damage in Knee Osteoarthritis: The Multicenter Osteoarthritis Study. <i>Arthritis and Rheumatology</i> , 2017, 69, 560-564.	2.9	68

#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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197	OARSI Clinical Trials Recommendations: Knee imaging in clinical trials in Osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 698-715.	0.6	113
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#	ARTICLE	IF	CITATIONS
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265	Magnetic Resonance Imaging of Subchondral Bone Marrow Lesions in Association with Osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2012, 42, 105-118.	1.6	99
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