Ali Guermazi

List of Publications by Year
in descending order

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374 papers	19,644 citations	12303 69 h-index	17055 122 g-index
379 all docs	379 docs citations	379 times ranked	11130 citing authors

#	Article	IF	Citations
1	Association Between Structural Change Over Eighteen Months and Subsequent Symptom Change in <scp>Middleâ€Aged</scp> Patients Treated for Meniscal Tear. Arthritis Care and Research, 2023, 75, 340-347.	1.5	5
2	Imaging Features of Calcium Pyrophosphate Deposition Disease: Consensus Definitions From an International Multidisciplinary Working Group. Arthritis Care and Research, 2023, 75, 825-834.	1.5	22
3	Response to: â€˜Use of tanezumab for patients with hip and knee osteoarthritis with reference to a randomised clinical trial by Berenbaum and colleaguesâ€™ by Riddle and Perera. Annals of the Rheumatic Diseases, 2022, 81, e66-e66.	0.5	0
4	Association Between Race and Radiographic, Symptomatic, and Clinical Hand Osteoarthritis: A Propensity Scoreâ€“Matched Study Using Osteoarthritis Initiative Data. Arthritis and Rheumatology, 2022, 74, 453-461.	2.9	12
5	Multivariable Modeling of Biomarker Data From the Phase I Foundation for the National Institutes of Health Osteoarthritis Biomarkers Consortium. Arthritis Care and Research, 2022, 74, 1142-1153.	1.5	25
6	Infrapatellar fat pad volume and Hoffaâ€synovitis after ACL reconstruction: Association with early osteoarthritis features and pain over 5 years. Journal of Orthopaedic Research, 2022, 40, 260-267.	1.2	8
7	Presence of Magnetic Resonance Imagingâ€“Defined Inflammation Particularly in Overweight and Obese Women Increases Risk of Radiographic Knee Osteoarthritis: The POMA Study. Arthritis Care and Research, 2022, 74, 1391-1398.	1.5	10
8	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. Arthritis Care and Research, 2022, 74, 1513-1519.	1.5	3
9	Magnetic Resonance Imagingâ€“Defined Osteoarthritis Features and Anterior Knee Pain in Individuals With, or at Risk for, Knee Osteoarthritis: A Multicenter Study on Osteoarthritis. Arthritis Care and Research, 2022, 74, 1533-1540.	1.5	7
10	Deep learning approach to predict pain progression in knee osteoarthritis. Skeletal Radiology, 2022, 51, 363-373.	1.2	39
11	Changes in Body Weight and Knee Pain in Adults With Knee Osteoarthritis <scp>Threeâ€andâ€aâ€Half</scp> Years After Completing Diet and Exercise Interventions: Followâ€Up Study for a <scp>Singleâ€Blind</scp>, <scp>Singleâ€Center</scp>, Randomized Controlled Trial. Arthritis Care and Research, 2022, 74, 607-616.	1.5	6
12	Imaging in Osteoarthritis. Osteoarthritis and Cartilage, 2022, 30, 913-934.	0.6	25
13	Imaging Review of Subscapularis Tendon and Rotator Interval Pathology. Radiology Research and Practice, 2022, 2022, 1-9.	0.6	5
14	Statin use and MRI subchondral bone marrow lesion worsening in generalized osteoarthritis: longitudinal analysis from Osteoarthritis Initiative data. European Radiology, 2022, 32, 3944-3953.	2.3	6
15	Heterogeneity of cartilage damage in Kellgren and Lawrence grade 2 and 3 knees: the MOST study. Osteoarthritis and Cartilage, 2022, 30, 714-723.	0.6	14
16	Association between hamstring coactivation during isokinetic quadriceps strength testing and knee cartilage worsening over 24Âmonths. Osteoarthritis and Cartilage, 2022, , .	0.6	1
17	Improving Radiographic Fracture Recognition Performance and Efficiency Using Artificial Intelligence. Radiology, 2022, 302, 627-636.	3.6	70
18	Observed efficacy and clinically important improvements in participants with osteoarthritis treated with subcutaneous tanezumab: results from a 56-week randomized NSAID-controlled study. Arthritis Research and Therapy, 2022, 24, 78.	1.6	9

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19	Conventional MRI-derived subchondral trabecular biomarkers and their association with knee cartilage volume loss as early as 1Âyear: a longitudinal analysis from Osteoarthritis Initiative. Skeletal Radiology, 2022, 51, 1959-1966.	1.2	2
20	Metabolic obesity and the risk of knee osteoarthritis progression in elderly community residents: A 3â€year longitudinal cohort study. International Journal of Rheumatic Diseases, 2022, 25, 192-200.	0.9	8
21	Concomitant lipoma arborescens and synovial osteochondromatosis of the knee. Skeletal Radiology, 2022, , 1.	1.2	0
22	Automated detection of acute appendicular skeletal fractures in pediatric patients using deep learning. Skeletal Radiology, 2022, 51, 2129-2139.	1.2	15
23	Update: Posttreatment Imaging of the Knee after Cartilage Repair. Seminars in Musculoskeletal Radiology, 2022, 26, 216-229.	0.4	0
24	Role of Thigh Muscle Changes in Knee Osteoarthritis Outcomes: Osteoarthritis Initiative Data. Radiology, 2022, 305, 169-178.	3.6	19
25	Patterns of progression differ between Kellgren-Lawrence 2 and 3 knees fulfilling different definitions of a cartilage-meniscus phenotype in the Foundation for National Institutes of Health Osteoarthritis Biomarkers study (FNIH). Osteoarthritis and Cartilage Open, 2022, 4, 100284.	0.9	5
26	Phenylalanine Is a Novel Marker for Radiographic Knee Osteoarthritis Progression: The MOST Study. Journal of Rheumatology, 2021, 48, 123-128.	1.0	10
27	Kneeling as a risk factor of patellofemoral joint cartilage damage worsening: an exploratory analysis on the Osteoarthritis Initiative. European Radiology, 2021, 31, 2601-2609.	2.3	3
28	Conventional MRI-based subchondral trabecular biomarkers as predictors of knee osteoarthritis progression: data from the Osteoarthritis Initiative. European Radiology, 2021, 31, 3564-3573.	2.3	11
29	Bone Structure Analysis of the Radius Using Ultrahigh Field (7T) MRI: Relevance of Technical Parameters and Comparison with 3T MRI and Radiography. Diagnostics, 2021, 11, 110.	1.3	2
30	Beirut port explosion: unusual presentation of bilateral blast-related extensor mechanism rupture. Skeletal Radiology, 2021, 50, 1479-1483.	1.2	2
31	Effect of High-Intensity Strength Training on Knee Pain and Knee Joint Compressive Forces Among Adults With Knee Osteoarthritis. JAMA - Journal of the American Medical Association, 2021, 325, 646.	3.8	75
32	Serum uric acid and knee osteoarthritis in community residents without gout: a longitudinal study. Rheumatology, 2021, 60, 4581-4590.	0.9	8
33	Biochemical cartilage changes based on MRI-defined T2 relaxation times do not equal OA detection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2023833118.	3.3	1
34	Association between Patellofemoral and medial Tibiofemoral compartment osteoarthritis progression: exploring the effect of body weight using longitudinal data from osteoarthritis initiative (OAI). Skeletal Radiology, 2021, 50, 1845-1854.	1.2	5
35	MRI-Detected Knee Ligament Sprains and Associated Internal Derangement in Athletes Competing at the Rio de Janeiro 2016 Summer Olympics. Open Access Journal of Sports Medicine, 2021, Volume 12, 23-32.	0.6	3
36	Sports injuries at the Rio de Janeiro 2016 Summer Paralympic Games: use of diagnostic imaging services. European Radiology, 2021, 31, 6768-6779.	2.3	14

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37	Association Between Baseline â€œMeniscal symptomsâ€•and Outcomes of Operative and Nonâ€Operative Treatment of Meniscal Tear in Patients with Osteoarthritis. Arthritis Care and Research, 2021, , .	1.5	5
38	Development of MRI-defined Structural Tissue Damage after Anterior Cruciate Ligament Injury over 5 Years: The KANON Study. Radiology, 2021, 299, 383-393.	3.6	11
39	How to effectively utilize imaging in disease-modifying treatments for osteoarthritis clinical trials: the radiologistâ€™s perspective. Expert Review of Molecular Diagnostics, 2021, 21, 673-684.	1.5	3
40	Longâ€Term Safety and Efficacy of Subcutaneous Tanezumab Versus Nonsteroidal Antiinflammatory Drugs for Hip or Knee Osteoarthritis: A Randomized Trial. Arthritis and Rheumatology, 2021, 73, 1167-1177.	2.9	39
41	Metabolic Syndrome and Osteoarthritis Distribution in the Hand Joints: A Propensity Score Matching Analysis From the Osteoarthritis Initiative. Journal of Rheumatology, 2021, 48, 1608-1615.	1.0	8
42	Wrist injuries detected on magnetic resonance imaging in athletes participating in the Rio de Janeiro 2016 Summer Olympic Games. Quantitative Imaging in Medicine and Surgery, 2021, 11, 3244-3251.	1.1	2
43	The QIBA Profile for MRI-based Compositional Imaging of Knee Cartilage. Radiology, 2021, 301, 423-432.	3.6	41
44	Beyond the Sacro-Iliac Joints: Vertebral Involvement in Axial Spondylarthritis. European Journal of Radiology, 2021, 144, 109982.	1.2	0
45	Frequency of MRI-detected peripheral osteoarthritis in athletes during the Summer Olympics in Rio 2016. Osteoarthritis and Cartilage Open, 2021, 3, 100199.	0.9	3
46	Cross-sectional and longitudinal reliability of semiquantitative osteoarthritis assessment at 1.0T extremity MRI: Multi-reader data from the MOST study. Osteoarthritis and Cartilage Open, 2021, 3, 100214.	0.9	4
47	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. European Journal of Radiology Open, 2021, 8, 100381.	0.7	3
48	A whole-joint, unidimensional, irreversible, and fine-grained MRI knee osteoarthritis severity score, based on cartilage, osteophytes and meniscus (OA-COM). PLoS ONE, 2021, 16, e0258451.	1.1	3
49	Patientâ€Reported Outcomes One to Five Years After Anterior Cruciate Ligament Reconstruction: The Effect of Combined Injury and Associations With Osteoarthritis Features Defined on Magnetic Resonance Imaging. Arthritis Care and Research, 2020, 72, 412-422.	1.5	22
50	Results of a Phase II Study to Determine the Efficacy and Safety of Genetically Engineered Allogeneic Human Chondrocytes Expressing TGF-Î²1. Journal of Knee Surgery, 2020, 33, 167-172.	0.9	30
51	Early Magnetic Resonance Imagingâ€“Based Changes in Patients With Meniscal Tear and Osteoarthritis: Eighteenâ€Month Data From a Randomized Controlled Trial of Arthroscopic Partial Meniscectomy Versus Physical Therapy. Arthritis Care and Research, 2020, 72, 630-640.	1.5	21
52	Mediating Role of Bone Marrow Lesions, Synovitis, Pain Sensitization, and Depressive Symptoms on Knee Pain Improvement Following Substantial Weight Loss. Arthritis and Rheumatology, 2020, 72, 420-427.	2.9	9
53	Patellofemoral morphology measurements and their associations with tibiofemoral osteoarthritis-related structural damage: exploratory analysis on the osteoarthritis initiative. European Radiology, 2020, 30, 128-140.	2.3	15
54	Association of vertebral endplate microstructure with bone strength in men and women. Bone, 2020, 131, 115147.	1.4	15

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55	The effects of intensive dietary weight loss and exercise on gait in overweight and obese adults with knee osteoarthritis. The Intensive Diet and Exercise for Arthritis (IDEA) trial. Journal of Biomechanics, 2020, 98, 109477.	0.9	26
56	Is a Small Meniscal Radial Tear Equivalent to a Radial Posterior Root Tear in Destabilizing the Meniscus? Comment on the Article by Driban et al. Arthritis and Rheumatology, 2020, 72, 197-198.	2.9	0
57	Worse knee confidence, fear of movement, psychological readiness to return-to-sport and pain are associated with worse function after ACL reconstruction. Physical Therapy in Sport, 2020, 41, 1-8.	0.8	50
58	Heterogeneity and Spatial Distribution of Intravertebral Trabecular Bone Mineral Density in the Lumbar Spine Is Associated With Prevalent Vertebral Fracture. Journal of Bone and Mineral Research, 2020, 35, 641-648.	3.1	14
59	Osteoarthritis year in review 2019: imaging. Osteoarthritis and Cartilage, 2020, 28, 285-295.	0.6	35
60	Frequencies of MRI-detected structural pathology in knees without radiographic OA and worsening over three years: How relevant is contralateral radiographic osteoarthritis?. Osteoarthritis and Cartilage Open, 2020, 1, 100014.	0.9	4
61	Nonhomogeneous Gadolinium Retention in the Cerebral Cortex after Intravenous Administration of Gadolinium-based Contrast Agent in Rats and Humans. Radiology, 2020, 294, 377-385.	3.6	19
62	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.	2.9	35
63	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.	3.6	29
64	PET/Computed Tomography Scans and PET/MR Imaging in the Diagnosis and Management of Musculoskeletal Diseases. PET Clinics, 2020, 15, 535-545.	1.5	5
65	Specific manifestations of knee osteoarthritis predict depression and anxiety years in the future: Vancouver Longitudinal Study of Early Knee Osteoarthritis. BMC Musculoskeletal Disorders, 2020, 21, 467.	0.8	11
66	Emerging Technologies and Platforms for the Immunodetection of Multiple Biochemical Markers in Osteoarthritis Research and Therapy. Frontiers in Medicine, 2020, 7, 572977.	1.2	28
67	Lateral patellar tilt and its longitudinal association with patellofemoral osteoarthritis-related structural damage: Analysis of the osteoarthritis initiative data. Knee, 2020, 27, 1971-1979.	0.8	8
68	Imaging of OA â€“ From disease modification to clinical utility. Best Practice and Research in Clinical Rheumatology, 2020, 34, 101588.	1.4	5
69	Quantifying varus thrust in knee osteoarthritis using wearable inertial sensors: A proof of concept. Clinical Biomechanics, 2020, 80, 105232.	0.5	12
70	Subcutaneous tanezumab for osteoarthritis of the hip or knee: efficacy and safety results from a 24-week randomised phase III study with a 24-week follow-up period. Annals of the Rheumatic Diseases, 2020, 79, 800-810.	0.5	98
71	State of the Art: Imaging of Osteoarthritisâ€"Revisited 2020. Radiology, 2020, 296, 5-21.	3.6	96
72	Is Laminar Cartilage Composition as Determined by T2 Relaxometry Associated with Incident and Worsening of Cartilage or Bone Marrow Abnormalities?. Cartilage, 2020, , 194760352093219.	1.4	2

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73	Associations Between Initial Clinical Examination and Imaging Findings and Return-to-Sport in Male Athletes With Acute Adductor Injuries: A Prospective Cohort Study. American Journal of Sports Medicine, 2020, 48, 1151-1159.	1.9	13
74	Psychological and Pain Sensitization Characteristics Are Associated With Patellofemoral Osteoarthritis Symptoms: The Multicenter Osteoarthritis Study. Journal of Rheumatology, 2020, 47, 1696-1703.	1.0	3
75	Comprehensive assessment of knee joint synovitis at 7â€‰T MRI using contrast-enhanced and non-enhanced sequences. BMC Musculoskeletal Disorders, 2020, 21, 116.	0.8	12
76	Association between radiographic anterior cruciate ligament tear and joint symptoms: Data from the osteoarthritis initiative. International Journal of Rheumatic Diseases, 2020, 23, 576-581.	0.9	2
77	Assessment of knee pain from MR imaging using a convolutional Siamese network. European Radiology, 2020, 30, 3538-3548.	2.3	35
78	MRI-detected spinal disc degenerative changes in athletes participating in the Rio de Janeiro 2016 Summer Olympics games. BMC Musculoskeletal Disorders, 2020, 21, 45.	0.8	25
79	Association of baseline and change in tibial and femoral cartilage thickness and development of widespread full-thickness cartilage loss in knee osteoarthritis â€“ data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2020, 28, 811-818.	0.6	10
80	Poor functional performance 1 year after ACL reconstruction increases the risk of early osteoarthritis progression. British Journal of Sports Medicine, 2020, 54, 546-555.	3.1	29
81	Knee cartilage damage and concomitant internal derangement on MRI in athletes competing at the Rio de Janeiro 2016 Summer Olympics. European Journal of Radiology Open, 2020, 7, 100258.	0.7	4
82	Prevalence of knee osteoarthritis features on magnetic resonance imaging in asymptomatic uninjured adults: a systematic review and meta-analysis. British Journal of Sports Medicine, 2019, 53, 1268-1278.	3.1	146
83	Molecular and Structural Biomarkers of Inflammation at Two Years After Acute Anterior Cruciate Ligament Injury Do Not Predict Structural Knee Osteoarthritis at Five Years. Arthritis and Rheumatology, 2019, 71, 238-243.	2.9	23
84	Association of Changes in Effusionâ€Synovitis With Progression of Cartilage Damage Over Eighteen Months in Patients With Osteoarthritis and Meniscal Tear. Arthritis and Rheumatology, 2019, 71, 73-81.	2.9	26
85	Relationship Between Patient-Reported Swelling and Magnetic Resonance Imaging-Defined Effusion-Synovitis in Patients With Meniscus Tears and Knee Osteoarthritis. Arthritis Care and Research, 2019, 71, 385-389.	1.5	1
86	Baseline structural tissue pathology is not strongly associated with longitudinal change in transverse relaxation time (T2) in knees without osteoarthritis. European Journal of Radiology, 2019, 118, 161-168.	1.2	3
87	Imaging of Common Rheumatic Joint Diseases Affecting the Upper Limbs. Radiologic Clinics of North America, 2019, 57, 1001-1034.	0.9	3
88	Intra-articular Corticosteroid Injections in the Hip and Knee: Perhaps Not as Safe as We Thought?. Radiology, 2019, 293, 656-663.	3.6	186
89	Heberden's Nodes and Knee Osteoarthritisâ€“Related Osseous Structural Damage: Exploratory Study From the Osteoarthritis Initiative. Arthritis and Rheumatology, 2019, 71, 935-940.	2.9	2
90	Statin Use and Knee Osteoarthritis Outcome Measures according to the Presence of Heberden Nodes: Results from the Osteoarthritis Initiative. Radiology, 2019, 293, 396-404.	3.6	33

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91	Subspine Impingement: Diagnostic Dilemma for a Possible New Form of Hip Impingement. Radiology, 2019, 293, 422-423.	3.6	2
92	Effect of Intra-Articular Sprifermin vs Placebo on Femorotibial Joint Cartilage Thickness in Patients With Osteoarthritis. JAMA - Journal of the American Medical Association, 2019, 322, 1360.	3.8	221
93	Which Is Better for Characterizing Disease Activity in Axial Spondyloarthritis: Diffusion MRI or T2-weighted/STIR MRI?. Radiology, 2019, 291, 129-130.	3.6	6
94	Reply. Arthritis and Rheumatology, 2019, 71, 1588-1588.	2.9	0
95	Establishing outcome measures in early knee osteoarthritis. Nature Reviews Rheumatology, 2019, 15, 438-448.	3.5	88
96	Fully Automated Diagnosis of Anterior Cruciate Ligament Tears on Knee MR Images by Using Deep Learning. Radiology: Artificial Intelligence, 2019, 1, 180091.	3.0	94
97	Prevalence of MRI-Detected Ankle Injuries in Athletes in the Rio de Janeiro 2016 Summer Olympics. Academic Radiology, 2019, 26, 1605-1617.	1.3	9
98	MRI of ankle sprain: the association between joint effusion and structural injury severity in a large cohort of athletes. European Radiology, 2019, 29, 6336-6344.	2.3	23
99	Cruciate ligament injuries of the knee: A metaâ€analysis of the diagnostic performance of 3D MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 1545-1560.	1.9	24
100	Does patellar alignment or trochlear morphology predict worsening of patellofemoral disease within the first 5 years after anterior cruciate ligament reconstruction?. European Journal of Radiology, 2019, 113, 32-38.	1.2	21
101	LB0007â€…SUBCUTANEOUS TANEZUMAB FOR OSTEOARTHRITIS PAIN: A 24-WEEK PHASE 3 STUDY WITH A 24-WEEK FOLLOW UP. , 2019, , .		0
102	Ring sign: an imaging sign for osteochondromyxoma in Carney complex. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1958-1965.	1.1	4
103	Elbow Injuries Detected on Magnetic Resonance Imaging in Athletes Participating in the Rio de Janeiro 2016 Summer Olympic Games. Journal of Computer Assisted Tomography, 2019, 43, 981-985.	0.5	8
104	PET-Computed Tomography and PET-MR Imaging and TheirÂApplications in the Twenty-First Century. PET Clinics, 2019, 14, xv-xvii.	1.5	3
105	Diagnosis of Knee Meniscal Injuries by Using Three-dimensional MRI: A Systematic Review and Meta-Analysis of Diagnostic Performance. Radiology, 2019, 290, 435-445.	3.6	25
106	Influence of Baseline Magnetic Resonance Imaging Features on Outcome of Arthroscopic Meniscectomy and Physical Therapy Treatment of Meniscal Tears in Osteoarthritis. American Journal of Sports Medicine, 2019, 47, 612-619.	1.9	14
107	Imaging of Osteoarthritis by Conventional Radiography, MR Imaging, PETâ€“Computed Tomography, and PETâ€“MR Imaging. PET Clinics, 2019, 14, 17-29.	1.5	17
108	Hybrid Imaging (PET-Computed Tomography/PET-MR Imaging) of Bone Metastases. PET Clinics, 2019, 14, 121-133.	1.5	7

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109	Sexâ€Specific Influence of Quadriceps Weakness on Worsening Patellofemoral and Tibiofemoral Cartilage Damage: A Prospective Cohort Study. Arthritis Care and Research, 2019, 71, 1360-1365.	1.5	27
110	Quadriceps Weakness and Risk of Knee Cartilage Loss Seen on Magnetic Resonance Imaging in a Population-based Cohort with Knee Pain. Journal of Rheumatology, 2019, 46, 198-203.	1.0	14
111	Meniscal body extrusion and cartilage coverage in middle-aged and elderly without radiographic knee osteoarthritis. European Radiology, 2019, 29, 1848-1854.	2.3	18
112	Association of Knee Effusion Detected by Physical Examination With Bone Marrow Lesions: Crossâ€Sectional and Longitudinal Analyses of a Populationâ€Based Cohort. Arthritis Care and Research, 2019, 71, 39-45.	1.5	1
113	Effect of intensive diet and exercise on self-efficacy in overweight and obese adults with knee osteoarthritis: The IDEA randomized clinical trial. Translational Behavioral Medicine, 2019, 9, 227-235.	1.2	30
114	A Longitudinal Study of Trunk Muscle Properties and Severity of Thoracic Kyphosis in Women and Men: The Framingham Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 420-427.	1.7	30
115	Magnetic resonance imaging assessment of knee osteoarthritis: current and developing new concepts and techniques. Clinical and Experimental Rheumatology, 2019, 37 Suppl 120, 88-95.	0.4	6
116	New MRI muscle classification systems and associations with return to sport after acute hamstring injuries: a prospective study. European Radiology, 2018, 28, 3532-3541.	2.3	32
117	Association of Mucoid Degeneration of the Anterior Cruciate Ligament at MR Imaging with Medial Tibiofemoral Osteoarthritis Progression at Radiography: Data from the Osteoarthritis Initiative. Radiology, 2018, 287, 912-921.	3.6	23
118	Brief Report: Association of Quantitative and Topographic Assessment of Heberden's Nodes With Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Arthritis and Rheumatology, 2018, 70, 1234-1239.	2.9	5
119	Sports Injuries at the Rio de Janeiro 2016 Summer Olympics: Use of Diagnostic Imaging Services. Radiology, 2018, 287, 922-932.	3.6	33
120	1â€…Degenerative changes in the knee 1 to 5 years after ACL reconstruction and related risk factors: a prospective MRI evaluation. , 2018, , .		0
121	A longitudinal study of disc height narrowing and facet joint osteoarthritis at the thoracic and lumbar spine, evaluated by computed tomography: the Framingham Study. Spine Journal, 2018, 18, 2065-2073.	0.6	26
122	Superolateral Hoffaâ€™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. European Radiology, 2018, 28, 4134-4145.	2.3	13
123	Infographic. Can standardised clinical examination of athletes with acute groin injuries predict the presence and location of MRI findings?. British Journal of Sports Medicine, 2018, 52, 892-893.	3.1	0
124	From Early Radiographic Knee Osteoarthritis to Joint Arthroplasty: Determinants of Structural Progression and Symptoms. Arthritis Care and Research, 2018, 70, 1778-1786.	1.5	16
125	Imaging of osteoarthritisâ€”recent research developments and future perspective. British Journal of Radiology, 2018, 91, 20170349.	1.0	34
126	Assessment of meniscus with adiabatic T 1Ï•and T 2Ï•relaxation time in asymptomatic subjects and patients with mild osteoarthritis: a feasibility study. Osteoarthritis and Cartilage, 2018, 26, 580-587.	0.6	11

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127	Bisphosphonates intake and its association with changes of periarticular bone area and three-dimensional shape: data from the Osteoarthritis Initiative (OAI). Osteoarthritis and Cartilage, 2018, 26, 564-568.	0.6	13
128	Osteoarthritis year in review 2017: updates on imaging advancements. Osteoarthritis and Cartilage, 2018, 26, 341-349.	0.6	30
129	Tibial tuberosity to trochlear groove distance and its association with patellofemoral osteoarthritis-related structural damage worsening: data from the osteoarthritis initiative. European Radiology, 2018, 28, 4669-4680.	2.3	15
130	Brief Report: Leg Length Inequality and Hip Osteoarthritis in the Multicenter Osteoarthritis Study and the Osteoarthritis Initiative. Arthritis and Rheumatology, 2018, 70, 1572-1576.	2.9	18
131	MRI Findings Consistent with Peripatellar Fat Pad Impingement: How Much Related to Patellofemoral Maltracking?. Magnetic Resonance in Medical Sciences, 2018, 17, 195-202.	1.1	30
132	Evaluation of spine MRIs in athletes participating in the Rio de Janeiro 2016 Summer Olympic Games. BMJ Open Sport and Exercise Medicine, 2018, 4, e000335.	1.4	15
133	Fractures associated with ACL injury need to be taken seriously. British Journal of Sports Medicine, 2018, 52, 6-7.	3.1	5
134	Understanding Magnetic Resonance Imaging of Knee Cartilage Repair: A Focus on Clinical Relevance. Cartilage, 2018, 9, 223-236.	1.4	41
135	Epidemiology of imaging-detected tendon abnormalities in athletes participating in the Rio de Janeiro 2016 Summer Olympics. British Journal of Sports Medicine, 2018, 52, 465-469.	3.1	11
136	Predictive Validity of Radiographic Trabecular Bone Texture in Knee Osteoarthritis. Arthritis and Rheumatology, 2018, 70, 80-87.	2.9	46
137	Variable angle gray level coâ€occurrence matrix analysis of T₂ relaxation time maps reveals degenerative changes of cartilage in knee osteoarthritis: Oulu knee osteoarthritis study. Journal of Magnetic Resonance Imaging, 2018, 47, 1316-1327.	1.9	19
138	Epidemiology of imaging-detected bone stress injuries in athletes participating in the Rio de Janeiro 2016 Summer Olympics. British Journal of Sports Medicine, 2018, 52, 470-474.	3.1	23
139	Accelerated Return to Sport After Anterior Cruciate Ligament Reconstruction and Early Knee Osteoarthritis Features at 1 Year: An Exploratory Study. PM and R, 2018, 10, 349-356.	0.9	27
140	Imaging-detected acute muscle injuries in athletes participating in the Rio de Janeiro 2016 Summer Olympic Games. British Journal of Sports Medicine, 2018, 52, 460-464.	3.1	26
141	Correspondence between bone mineral density and intervertebral disc degeneration across age and sex. Archives of Osteoporosis, 2018, 13, 123.	1.0	26
142	Evolving Role of PET-Computed Tomography and PET-MR Imaging in Assessment of Musculoskeletal Disorders and Its Potential Revolutionary Impact on Day-to-Day Practice of Related Disciplines. PET Clinics, 2018, 13, xiii-xiv.	1.5	4
143	Worsening Knee Osteoarthritis Features on Magnetic Resonance Imaging 1 to 5 Years After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2018, 46, 2873-2883.	1.9	57
144	MR Imaging of Joint Infection and Inflammation with Emphasis on Dynamic Contrast-Enhanced MR Imaging. PET Clinics, 2018, 13, 523-550.	1.5	22

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145	Taking a proactive role in patient management of important incidental imaging findings: How can we increase the â€˜valueâ€™ of diagnostic radiology service and improve quality of patient care?. Japanese Journal of Radiology, 2018, 36, 579-580.	1.0	3
146	The epidemiology of MRI-detected pelvic injuries in athletes in the Rio de Janeiro 2016 Summer Olympics. European Journal of Radiology, 2018, 105, 56-64.	1.2	5
147	Intentional Weight Loss in Overweight and Obese Patients With Knee Osteoarthritis: Is More Better?. Arthritis Care and Research, 2018, 70, 1569-1575.	1.5	102
148	MRI-Detected Sports-Related Knee Injuries and Abnormalities at the Rio de Janeiro 2016 Summer Olympic Games. American Journal of Roentgenology, 2018, 211, 880-886.	1.0	10
149	Diagnostic Performance of Three-dimensional MRI for Depicting Cartilage Defects in the Knee: A Meta-Analysis. Radiology, 2018, 289, 71-82.	3.6	35
150	The role of radiography and MRI for eligibility assessment in DMOAD trials of knee OA. Nature Reviews Rheumatology, 2018, 14, 372-380.	3.5	60
151	The epidemiology of MRI detected shoulder injuries in athletes participating in the Rio de Janeiro 2016 Summer Olympics. BMC Musculoskeletal Disorders, 2018, 19, 296.	0.8	16
152	Applications of PET Imaging in the Evaluation of Musculoskeletal Diseases Among the Geriatric Population. Seminars in Nuclear Medicine, 2018, 48, 525-534.	2.5	16
153	Whole-Body MR Imaging. PET Clinics, 2018, 13, 505-522.	1.5	9
154	Recent advances in research imaging of osteoarthritis with focus on MRI, ultrasound and hybrid imaging. Clinical and Experimental Rheumatology, 2018, 36 Suppl 114, 43-52.	0.4	14
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