Thomas M Link

List of Publications by Year
in descending order

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Version: 2024-02-01

267 papers	11,341 citations	25034 57 h-index	40979 93 g-index
279 all docs	279 docs citations	279 times ranked	7999 citing authors

#	Article	IF	Citations
1	Osteoarthritis: MR Imaging Findings in Different Stages of Disease and Correlation with Clinical Findings. Radiology, 2003, 226, 373-381.	7.3	444
2	Osteoporosis Imaging: State of the Art and Advanced Imaging. Radiology, 2012, 263, 3-17.	7.3	344
3	Age- and gender-related differences in the geometric properties and biomechanical significance of intracortical porosity in the distal radius and tibia. Journal of Bone and Mineral Research, 2010, 25, 983-993.	2.8	271
4	Radiation exposure in X-ray-based imaging techniques used in osteoporosis. European Radiology, 2010, 20, 2707-2714.	4.5	271
5	In Vivo High Resolution MRI of the Calcaneus: Differences in Trabecular Structure in Osteoporosis Patients. Journal of Bone and Mineral Research, 1998, 13, 1175-1182.	2.8	261
6	MRI and CT of Insufficiency Fractures of the Pelvis and the Proximal Femur. American Journal of Roentgenology, 2008, 191, 995-1001.	2.2	247
7	A longitudinal HR-pQCT study of alendronate treatment in postmenopausal women with low bone density: Relations among density, cortical and trabecular microarchitecture, biomechanics, and bone turnover. Journal of Bone and Mineral Research, 2010, 25, 2558-2571.	2.8	210
8	Quantitative MRI using T1Ï•and T2 in human osteoarthritic cartilage specimens: correlation with biochemical measurements and histology. Magnetic Resonance Imaging, 2011, 29, 324-334.	1.8	206
9	T1rho, T2 and focal knee cartilage abnormalities in physically active and sedentary healthy subjects versus early OA patientsâ€"a 3.0-Tesla MRI study. European Radiology, 2009, 19, 132-143.	4.5	195
10	Cartilage in Anterior Cruciate Ligamentâ€"Reconstructed Knees: MR Imaging T1_{Ï‹}and T2â€"Initial Experience with 1-year Follow-up. Radiology, 2011, 258, 505-514.	7.3	192
11	Cartilage imaging: motivation, techniques, current and future significance. European Radiology, 2007, 17, 1135-1146.	4.5	167
12	A Comparative Study of Trabecular Bone Properties in the Spine and Femur Using High Resolution MRI and CT. Journal of Bone and Mineral Research, 1998, 13, 122-132.	2.8	159
13	In vivo 3T spiral imaging based multi-slice T1Ï•mapping of knee cartilage in osteoarthritis. Magnetic Resonance in Medicine, 2005, 54, 929-936.	3.0	158
14	This Month inRadiology. Radiology, 2012, 263, 3A-4A.	7.3	142
15	Meniscal Measurements of T1_{Ï‹}and T2 at MR Imaging in Healthy Subjects and Patients with Osteoarthritis. Radiology, 2008, 249, 591-600.	7.3	139
16	MR imaging findings in the follow-up of patients with different stages of knee osteoarthritis and the correlation with clinical symptoms. European Radiology, 2006, 16, 608-618.	4.5	131
17	Spatial distribution and relationship of T_{1Ï‹} and T₂ relaxation times in knee cartilage with osteoarthritis. Magnetic Resonance in Medicine, 2009, 61, 1310-1318.	3.0	129
18	Inter-subject comparison of MRI knee cartilage thickness. Medical Image Analysis, 2008, 12, 120-135.	11.6	127

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19	Patellar Cartilage: T2 Values and Morphologic Abnormalities at 3.0-T MR Imaging in Relation to Physical Activity in Asymptomatic Subjects from the Osteoarthritis Initiative. Radiology, 2010, 254, 509-520.	7.3	125
20	In Vivo Determination of Bone Structure in Postmenopausal Women: A Comparison of HR-pQCT and High-Field MR Imaging. Journal of Bone and Mineral Research, 2008, 23, 463-474.	2.8	122
21	Association of hip pain with radiographic evidence of hip osteoarthritis: diagnostic test study. BMJ, The, 2015, 351, h5983.	6.0	119
22	Serum miRNA Signatures Are Indicative of Skeletal Fractures in Postmenopausal Women With and Without Type 2 Diabetes and Influence Osteogenic and Adipogenic Differentiation of Adipose Tissueâ€“Derived Mesenchymal Stem Cells In Vitro. Journal of Bone and Mineral Research, 2016, 31, 2173-2192.	2.8	115
23	High-resolution MRI vs multislice spiral CT: Which technique depicts the trabecular bone structure best?. European Radiology, 2003, 13, 663-671.	4.5	114
24	Early T2 changes predict onset of radiographic knee osteoarthritis: data from the osteoarthritis initiative. Annals of the Rheumatic Diseases, 2015, 74, 1353-1359.	0.9	114
25	Quadriceps intramuscular fat fraction rather than muscle size is associated with knee osteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 226-234.	1.3	108
26	Applying Densely Connected Convolutional Neural Networks for Staging Osteoarthritis Severity from Plain Radiographs. Journal of Digital Imaging, 2019, 32, 471-477.	2.9	106
27	Texture analysis of cartilage T2 maps: individuals with risk factors for OA have higher and more heterogeneous knee cartilage MR T2 compared to normal controls - data from the osteoarthritis initiative. Arthritis Research and Therapy, 2011, 13, R153.	3.5	105
28	Trabecular Bone Structure of the Calcaneus: Comparison of MR Imaging at 3.0 and 1.5 T with Micro-CT as the Standard of Reference. Radiology, 2006, 239, 488-496.	7.3	101
29	Scoring hip osteoarthritis with MRI (SHOMRI): A whole joint osteoarthritis evaluation system. Journal of Magnetic Resonance Imaging, 2015, 41, 1549-1557.	3.4	98
30	3D convolutional neural networks for detection and severity staging of meniscus and PFJ cartilage morphological degenerative changes in osteoarthritis and anterior cruciate ligament subjects. Journal of Magnetic Resonance Imaging, 2019, 49, 400-410.	3.4	98
31	Fractal analysis of radiographs: Assessment of trabecular bone structure and prediction of elastic modulus and strength. Medical Physics, 1999, 26, 1330-1340.	3.0	97
32	Association of magnetic resonance imagingâ€“based knee cartilage T2 measurements and focal knee lesions with knee pain: Data from the Osteoarthritis Initiative. Arthritis Care and Research, 2012, 64, 248-255.	3.4	96
33	State of the Art: Imaging of Osteoarthritisâ€”Revisited 2020. Radiology, 2020, 296, 5-21.	7.3	96
34	Volumetric Quantitative CT of the Spine and Hip Derived from Contrast-Enhanced MDCT: Conversion Factors. American Journal of Roentgenology, 2007, 188, 1294-1301.	2.2	95
35	Quantitative assessment of bone marrow edemaâ€like lesion and overlying cartilage in knees with osteoarthritis and anterior cruciate ligament tear using MR imaging and spectroscopic imaging at 3 Tesla. Journal of Magnetic Resonance Imaging, 2008, 28, 453-461.	3.4	93
36	Radiologic assessment of osteoporotic vertebral fractures: diagnostic and prognostic implications. European Radiology, 2005, 15, 1521-1532.	4.5	92

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37	Axial QCT: Clinical Applications and New Developments. Journal of Clinical Densitometry, 2014, 17, 438-448.	1.2	92
38	Knee Cartilage T2 Characteristics and Evolution in Relation to Morphologic Abnormalities Detected at 3-T MR Imaging: A Longitudinal Study of the Normal Control Cohort from the Osteoarthritis Initiative. Radiology, 2011, 261, 507-515.	7.3	91
39	Quantitative characterization of subject motion in HR-pQCT images of the distal radius and tibia. Bone, 2011, 48, 1291-1297.	2.9	88
40	High-Field Magnetic Resonance Imaging Assessment of Articular Cartilage before and after Marathon Running. American Journal of Sports Medicine, 2010, 38, 2273-2280.	4.2	85
41	Prestructural cartilage assessment using MRI. Journal of Magnetic Resonance Imaging, 2017, 45, 949-965.	3.4	85
42	Normal and pathological MR findings in osteochondral autografts with longitudinal follow-up. European Radiology, 2006, 16, 88-96.	4.5	84
43	Correlation of dynamic contrast-enhanced magnetic resonance imaging with histologic tumor grade: comparison of macromolecular and small-molecular contrast media. Pediatric Radiology, 1998, 28, 67-78.	2.0	78
44	Obesity increases the prevalence and severity of focal knee abnormalities diagnosed using 3T MRI in middle-aged subjectsâ€"data from the Osteoarthritis Initiative. Skeletal Radiology, 2012, 41, 633-641.	2.0	78
45	Physical activity is associated with magnetic resonance imagingâ€"based knee cartilage T2 measurements in asymptomatic subjects with and those without osteoarthritis risk factors. Arthritis and Rheumatism, 2011, 63, 2248-2256.	6.7	76
46	Spatial analysis of magnetic resonance and relaxation times improves classification between subjects with and without osteoarthritis. Medical Physics, 2009, 36, 4059-4067.	3.0	71
47	Comparison of T1rho relaxation times between ACL-reconstructed knees and contralateral uninjured knees. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 298-307.	4.2	70
48	Magnetic resonance rotator cuff fat fraction andÂits relationship with tendon tear severity and subject characteristics. Journal of Shoulder and Elbow Surgery, 2015, 24, 1442-1451.	2.6	69
49	Imaging research results from the Osteoarthritis Initiative (OAI): a review and lessons learned 10â€…years after start of enrolment. Annals of the Rheumatic Diseases, 2014, 73, 1289-1300.	0.9	68
50	Regional variations of gender-specific and age-related differences in trabecular bone structure of the distal radius and tibia. Bone, 2010, 46, 1652-1660.	2.9	66
51	The influence of disuse on bone microstructure and mechanics assessed by HR-pQCT. Bone, 2014, 63, 132-140.	2.9	66
52	Assessment of trabecular bone structure of the calcaneus using multi-detector CT: Correlation with microCT and biomechanical testing. Bone, 2009, 44, 976-983.	2.9	65
53	T₂ relaxation time measurements are limited in monitoring progression, once advanced cartilage defects at the knee occur: Longitudinal data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2013, 38, 1415-1424.	3.4	64
54	Diagnosing osteoarthritis from T2 maps using deep learning: an analysis of the entire Osteoarthritis Initiative baseline cohort. Osteoarthritis and Cartilage, 2019, 27, 1002-1010.	1.3	64

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55	Bone structure of the distal radius and the calcaneus vs BMD of the spine and proximal femur in the prediction of osteoporotic spine fractures. European Radiology, 2002, 12, 401-408.	4.5	62
56	Quantitative In Vivo HR-pQCT Imaging of 3D Wrist and Metacarpophalangeal Joint Space Width in Rheumatoid Arthritis. Annals of Biomedical Engineering, 2013, 41, 2553-2564.	2.5	60
57	Current diagnostic techniques in the evaluation of bone architecture. Current Osteoporosis Reports, 2004, 2, 47-52.	3.6	59
58	In Vivo T1Ï•Quantitative Assessment of Knee Cartilage After Anterior Cruciate Ligament Injury Using 3 Tesla Magnetic Resonance Imaging. Investigative Radiology, 2008, 43, 782-788.	6.2	59
59	Meniscal T1rho and T2 measured with 3.0T MRI increases directly after running a marathon. Skeletal Radiology, 2011, 40, 725-735.	2.0	59
60	Segmentation of joint and musculoskeletal tissue in the study of arthritis. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 207-221.	2.0	59
61	Changes in knee cartilage T2 values over 24 months in subjects with and without risk factors for knee osteoarthritis and their association with focal knee lesions at baseline: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2012, 35, 370-378.	3.4	58
62	Is Weight Loss Associated with Less Progression of Changes in Knee Articular Cartilage among Obese and Overweight Patients as Assessed with MR Imaging over 48 Months? Data from the Osteoarthritis Initiative. Radiology, 2017, 284, 508-520.	7.3	57
63	Development and Validation of a Multitask Deep Learning Model for Severity Grading of Hip Osteoarthritis Features on Radiographs. Radiology, 2020, 295, 136-145.	7.3	57
64	Differences in the Association of Hip Cartilage Lesions and Camâ€Type Femoroacetabular Impingement With Movement Patterns: A Preliminary Study. PM and R, 2014, 6, 681-689.	1.6	56
65	Analysis of the articular cartilage T<sub>1Ï<sub> and T<sub>2<sub> relaxation times changes after ACL reconstruction in injured and contralateral knees and relationships with bone shape. Journal of Orthopaedic Research, 2017, 35, 707-717.	2.3	56
66	BMD measurements of the spine derived from sagittal reformations of contrast-enhanced MDCT without dedicated software. European Journal of Radiology, 2011, 80, e140-e145.	2.6	55
67	Converted Lumbar BMD Values Derived from Sagittal Reformations of Contrast-Enhanced MDCT Predict Incidental Osteoporotic Vertebral Fractures. Calcified Tissue International, 2012, 90, 481-487.	3.1	53
68	Trabecular Bone Structure of the Distal Radius, the Calcaneus, and the Spine. Investigative Radiology, 2004, 39, 487-497.	6.2	52
69	Longitudinal analysis of MRI T₂ knee cartilage laminar organization in a subset of patients from the osteoarthritis initiative: A texture approach. Magnetic Resonance in Medicine, 2011, 65, 1184-1194.	3.0	51
70	Loaded versus unloaded magnetic resonance imaging (MRI) of the knee: Effect on meniscus extrusion in healthy volunteers and patients with osteoarthritis. European Journal of Radiology Open, 2016, 3, 100-107.	1.6	51
71	Cartilage repair surgery prevents progression of knee degeneration. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 3001-3013.	4.2	51
72	Monitoring radiation-induced changes in bone marrow histopathology with ultra-small superparamagnetic iron oxide (USPIO)-enhanced MRI. Journal of Magnetic Resonance Imaging, 1999, 9, 643-652.	3.4	50

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73	The Effects of Geometric and Threshold Definitions on Cortical Bone Metrics Assessed by In Vivo High-Resolution Peripheral Quantitative Computed Tomography. Calcified Tissue International, 2007, 81, 364-371.	3.1	50
74	Regional variations in MR relaxation of hip joint cartilage in subjects with and without femoralacetabular impingement. Magnetic Resonance Imaging, 2013, 31, 1129-1136.	1.8	50
75	Higher Knee Flexion Moment During the Second Half of the Stance Phase of Gait Is Associated With the Progression of Osteoarthritis of the Patellofemoral Joint on Magnetic Resonance Imaging. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 656-664.	3.5	50
76	Longitudinal evaluation of the effects of alendronate on MRI bone microarchitecture in postmenopausal osteopenic women. Bone, 2011, 48, 611-621.	2.9	47
77	Correlation of magnetic resonance imagingâ€“based knee cartilage T2 measurements and focal knee lesions with body mass index: Thirtyâ€sixâ€“month followup data from a longitudinal, observational multicenter study. Arthritis Care and Research, 2013, 65, 23-33.	3.4	47
78	Non-traumatic anterior cruciate ligament abnormalities and their relationship to osteoarthritis using morphological grading and cartilage T2 relaxation times: data from the Osteoarthritis Initiative (OAI). Skeletal Radiology, 2012, 41, 1435-1443.	2.0	46
79	Cartilage Repair Surgery: Outcome Evaluation by Using Noninvasive Cartilage Biomarkers Based on Quantitative MRI Techniques?. BioMed Research International, 2014, 2014, 1-17.	1.9	46
80	Automatic Deep Learningâ€“assisted Detection and Grading of Abnormalities in Knee MRI Studies. Radiology: Artificial Intelligence, 2021, 3, e200165.	5.8	46
81	T1rho MRI relaxation in knee OA subjects with varying sizes of cartilage lesions. Knee, 2013, 20, 113-119.	1.6	44
82	Update on Imaging-Based Measurement of Bone Mineral Density and Quality. Current Rheumatology Reports, 2020, 22, 13.	4.7	44
83	Cartilage Lesion Score: Comparison of a Quantitative Assessment Score with Established Semiquantitative MR Scoring Systems. Radiology, 2014, 271, 479-487.	7.3	43
84	In vivoassessment of trabecular bone structure using fractal analysis of distal radius radiographs. Medical Physics, 2000, 27, 2594-2599.	3.0	42
85	Morphometric texture analysis of spinal trabecular bone structure assessed using orthogonal radiographic projections. Medical Physics, 1998, 25, 2037-2045.	3.0	41
86	Quantitative and Semiquantitative Bone Erosion Assessment on High-resolution Peripheral Quantitative Computed Tomography in Rheumatoid Arthritis. Journal of Rheumatology, 2013, 40, 408-416.	2.0	41
87	Sporadic Inclusion Body Myositis: MRI Findings and Correlation With Clinical and Functional Parameters. American Journal of Roentgenology, 2017, 209, 1340-1347.	2.2	41
88	Tool for osteoarthritis risk prediction (TOARP) over 8 years using baseline clinical data, Xâ€ray, and MRI: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2018, 47, 1517-1526.	3.4	41
89	The QIBA Profile for MRI-based Compositional Imaging of Knee Cartilage. Radiology, 2021, 301, 423-432.	7.3	41
90	Weight loss over 48 months is associated with reduced progression of cartilage T2 relaxation time values: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2015, 41, 1272-1280.	3.4	40

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91	Measuring and reporting of vertebral endplate bone marrow lesions as seen on MRI (Modic changes): recommendations from the ISSLS Degenerative Spinal Phenotypes Group. European Spine Journal, 2019, 28, 2266-2274.	2.2	40
92	Detection of Posttraumatic Cartilage Injury Using Quantitative T1rho Magnetic Resonance Imaging. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1349-1352.	3.0	39
93	Longitudinal analysis of MRI T₂ knee cartilage laminar organization in a subset of patients from the osteoarthritis initiative. Magnetic Resonance in Medicine, 2010, 63, 465-472.	3.0	39
94	Anatomic correlates of reduced hip extension during walking in individuals with mildâ€moderate radiographic hip osteoarthritis. Journal of Orthopaedic Research, 2015, 33, 527-534.	2.3	39
95	Spatial distribution of intracortical porosity varies across age and sex. Bone, 2015, 75, 88-95.	2.9	38
96	Joint Loading in the Sagittal Plane During Gait Is Associated With Hip Joint Abnormalities in Patients With Femoroacetabular Impingement. American Journal of Sports Medicine, 2017, 45, 810-818.	4.2	37
97	Prediction of bone strength by Î¼CT and MDCT-based finite-element-models: How much spatial resolution is needed?. European Journal of Radiology, 2014, 83, e36-e42.	2.6	36
98	Radiology of Osteoporosis. Canadian Association of Radiologists Journal, 2016, 67, 28-40.	2.0	36
99	Cartilage T1Ï•and T2 Relaxation Times in Patients With Mildâ€toâ€Moderate Radiographic Hip Osteoarthritis. Arthritis and Rheumatology, 2015, 67, 1548-1556.	5.6	34
100	Correlation of structural abnormalities of the wrist and metacarpophalangeal joints evaluated by high-resolution peripheral quantitative computed tomography, 3ÂTesla magnetic resonance imaging and conventional radiographs in rheumatoid arthritis. International Journal of Rheumatic Diseases, 2015, 18, 628-639.	1.9	33
101	Spatial distribution and temporal progression of T2 relaxation time values in knee cartilage prior to the onset of cartilage lesions â€“ data from the Osteoarthritis Initiative (OAI). Osteoarthritis and Cartilage, 2019, 27, 737-745.	1.3	33
102	Associations between vertebral body fat fraction and intervertebral disc biochemical composition as assessed by quantitative MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 1219-1226.	3.4	32
103	Deep Learning for Hierarchical Severity Staging of Anterior Cruciate Ligament Injuries from MRI. Radiology: Artificial Intelligence, 2020, 2, e190207.	5.8	32
104	Individuals with isolated patellofemoral joint osteoarthritis exhibit higher mechanical loading at the knee during the second half of the stance phase. Clinical Biomechanics, 2015, 30, 383-390.	1.2	30
105	MR T1Ï•and T2 of meniscus after acute anterior cruciate ligament injuries. Osteoarthritis and Cartilage, 2016, 24, 631-639.	1.3	30
106	CTâ€“Guided Bone Biopsies in Metastatic Castration-Resistant Prostate Cancer: Factors Predictive of Maximum Tumor Yield. Journal of Vascular and Interventional Radiology, 2017, 28, 1073-1081.e1.	0.5	30
107	Bone Marrow Changes in Osteoarthritis. Seminars in Musculoskeletal Radiology, 2011, 15, 238-246.	0.7	29
108	In vitro assessment of knee MRI in the presence of metal implants comparing MAVRIC-SL and conventional fast spin echo sequences at 1.5 and 3 T field strength. Journal of Magnetic Resonance Imaging, 2015, 41, 1291-1299.	3.4	29

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109	Secondary aneurysmal bone cysts and associated primary lesions: imaging features of 49 cases. Clinical Imaging, 2020, 62, 23-32.	1.5	29
110	MR Imaging in Osteoarthritis: Hardware, Coils, and Sequences. Radiologic Clinics of North America, 2009, 47, 617-632.	1.8	28
111	Improving bone strength prediction in human proximal femur specimens through geometrical characterization of trabecular bone microarchitecture and support vector regression. Journal of Electronic Imaging, 2014, 23, 013013.	0.9	28
112	MR T1Ï•quantification of cartilage focal lesions in acutely injured knees: correlation with arthroscopic evaluation. Magnetic Resonance Imaging, 2014, 32, 1290-1296.	1.8	28
113	Advanced Imaging in Osteoarthritis. Sports Health, 2016, 8, 418-428.	2.7	28
114	Vertebral and femoral bone mineral density and bone strength in prostate cancer patients assessed in phantomless PET/CT examinations. Bone, 2017, 101, 62-69.	2.9	28
115	Prediction of local fixed charge density loss in cartilage following ACL injury and reconstruction: A computational proofâ€ofâ€concept study with MRI followâ€up. Journal of Orthopaedic Research, 2021, 39, 1064-1081.	2.3	28
116	Femoral condyle insufficiency fractures: associated clinical and morphological findings and impact on outcome. Skeletal Radiology, 2015, 44, 1785-1794.	2.0	27
117	Assessment of 3-month changes in bone microstructure under anti-TNFÎ± therapy in patients with rheumatoid arthritis using high-resolution peripheral quantitative computed tomography (HR-pQCT). Arthritis Research and Therapy, 2017, 19, 222.	3.5	27
118	Femoroacetabular impingement and hip OsteoaRthritis Cohort (FORCe): protocol for a prospective study. Journal of Physiotherapy, 2018, 64, 55.	1.7	27
119	Trabecular bone structure analysis of the spine using clinical MDCT: can it predict vertebral bone strength?. Journal of Bone and Mineral Metabolism, 2014, 32, 56-64.	2.7	26
120	Longitudinal assessment of MRI in hip osteoarthritis using SHOMRI and correlation with clinical progression. Seminars in Arthritis and Rheumatism, 2016, 45, 648-655.	3.4	26
121	Meniscal Root Tears and Extrusion Are Significantly Associated with the Development of Accelerated Knee Osteoarthritis: Data from the Osteoarthritis Initiative. Cartilage, 2021, 13, 239S-248S.	2.7	26
122	Cyclops lesions detected by MRI are frequent findings after ACL surgical reconstruction but do not impact clinical outcome over 2Âyears. European Radiology, 2017, 27, 3499-3508.	4.5	25
123	Association of diabetes mellitus and biochemical knee cartilage composition assessed by T₂ relaxation time measurements: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2018, 47, 380-390.	3.4	25
124	Associations between molecular biomarkers and MR-based cartilage composition and knee joint morphology: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2018, 26, 1070-1077.	1.3	25
125	Obese and overweight individuals have greater knee synovial inflammation and associated structural and cartilage compositional degeneration: data from the osteoarthritis initiative. Skeletal Radiology, 2021, 50, 217-229.	2.0	25
126	Metal artefact suppression at 3ÂT MRI: comparison of MAVRIC-SL with conventional fast spin echo sequences in patients with Hip joint arthroplasty. European Radiology, 2015, 25, 2403-2411.	4.5	24

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127	Bone marrow edema-like lesions (BMELs) are associated with higher T1Ï•and T2 values of cartilage in anterior cruciate ligament (ACL)-reconstructed knees: a longitudinal study. Quantitative Imaging in Medicine and Surgery, 2016, 6, 661-670.	2.0	24
128	Factors Associated with Osteoid Osteoma Recurrence after CT-Guided Radiofrequency Ablation. Journal of Vascular and Interventional Radiology, 2019, 30, 744-751.	0.5	24
129	Qualitative evaluation of MRI features of lipoma and atypical lipomatous tumor: results from a multicenter study. Skeletal Radiology, 2020, 49, 1005-1014.	2.0	24
130	Physical Activity and Spatial Differences in Medial Knee T1rho and T2 Relaxation Times in Knee Osteoarthritis. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 964-972.	3.5	23
131	Subchondral insufficiency fractures of the femoral head: associated imaging findings and predictors of clinical progression. European Radiology, 2016, 26, 1929-1941.	4.5	23
132	Weight loss regimen in obese and overweight individuals is associated with reduced cartilage degeneration: 96-month data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2019, 27, 863-870.	1.3	23
133	Associations Between Vitamins C and D Intake and Cartilage Composition and Knee Joint Morphology Over 4 Years: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2020, 72, 1239-1247.	3.4	23
134	T₂ analysis of the entire osteoarthritis initiative dataset. Journal of Orthopaedic Research, 2021, 39, 74-85.	2.3	23
135	Diabetics show accelerated progression of knee cartilage and meniscal lesions: data from the osteoarthritis initiative. Skeletal Radiology, 2019, 48, 919-930.	2.0	22
136	Imaging of Trabecular Bone Structure. Seminars in Musculoskeletal Radiology, 2002, 06, 253-262.	0.7	21
137	Improved differentiation between knees with cartilage lesions and controls using 7T relaxation time mapping. Journal of Orthopaedic Translation, 2015, 3, 197-204.	3.9	21
138	Can Signal Abnormalities Detected with MR Imaging in Knee Articular Cartilage Be Used to Predict Development of Morphologic Cartilage Defects? 48-Month Data from the Osteoarthritis Initiative. Radiology, 2016, 281, 158-167.	7.3	21
139	Evaluation of Chondrocalcinosis and Associated Knee Joint Degeneration Using MR Imaging: Data from the Osteoarthritis Initiative. European Radiology, 2017, 27, 2497-2506.	4.5	21
140	Hyperintense signal alteration in the suprapatellar fat pad on MRI is associated with degeneration of the patellofemoral joint over 48Âmonths: data from the Osteoarthritis Initiative. Skeletal Radiology, 2018, 47, 329-339.	2.0	21
141	Correlation of Patient Symptoms With Labral and Articular Cartilage Damage in Femoroacetabular Impingement. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711877878.	1.7	21
142	Validation of scoring hip osteoarthritis with MRI (SHOMRI) scores using hip arthroscopy as a standard of reference. European Radiology, 2019, 29, 578-587.	4.5	21
143	Automatic Vertebral Body Segmentation Based on Deep Learning of Dixon Images for Bone Marrow Fat Fraction Quantification. Frontiers in Endocrinology, 2020, 11, 612.	3.5	21
144	Degeneration in ACL Injured Knees with and without Reconstruction in Relation to Muscle Size and Fat Contentâ€"Data from the Osteoarthritis Initiative. PLoS ONE, 2016, 11, e0166865.	2.5	20

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145	Zonal differences in meniscus MR relaxation times in response to in vivo static loading in knee osteoarthritis. Journal of Orthopaedic Research, 2016, 34, 249-261.	2.3	19
146	Sagittal plane walking patterns are related to MRI changes over 18â€‰months in people with and without mildâ€‰moderate hip osteoarthritis. Journal of Orthopaedic Research, 2018, 36, 1472-1477.	2.3	19
147	Acetabular cartilage defects cause altered hip and knee joint coordination variability during gait. Clinical Biomechanics, 2015, 30, 1202-1209.	1.2	18
148	Abnormal Joint Moment Distributions and Functional Performance During Sitâ€toâ€Stand in Femoroacetabular Impingement Patients. PM and R, 2017, 9, 563-570.	1.6	18
149	Baseline knee joint effusion and medial femoral bone marrow edema, in addition to MRI-based T2 relaxation time and texture measurements of knee cartilage, can help predict incident total knee arthroplasty 4â€“7Âyears later: data from the Osteoarthritis Initiative. Skeletal Radiology, 2019, 48, 89-101.	2.0	18
150	Establishing compositional MRI of cartilage as a biomarker for clinical practice. Osteoarthritis and Cartilage, 2018, 26, 1137-1139.	1.3	17
151	[¹⁸F]â€Sodium Fluoride PET/MR Imaging for Boneâ€“Cartilage Interactions in Hip Osteoarthritis: A Feasibility Study. Journal of Orthopaedic Research, 2019, 37, 2671-2680.	2.3	17
152	The contributions of cartilage endplate composition and vertebral bone marrow fat to intervertebral disc degeneration in patients with chronic low back pain. European Spine Journal, 2022, 31, 1866-1872.	2.2	17
153	Texture Analysis, Bone Mineral Density, and Cortical Thickness of the Proximal Femur. Journal of Computer Assisted Tomography, 2010, 34, 949-957.	0.9	16
154	Voriconazole-induced periostitis in two post-transplant patients. Journal of Radiology Case Reports, 2013, 7, 10-7.	0.4	16
155	Bone Qualityâ€”Beyond Bone Mineral Density. Seminars in Musculoskeletal Radiology, 2016, 20, 269-278.	0.7	16
156	Highâ€temporospatialâ€resolution dynamic contrastâ€enhanced (DCE) wrist MRI with variableâ€density pseudoâ€random circular Cartesian undersampling (CIRCUS) acquisition: evaluation of perfusion in rheumatoid arthritis patients. NMR in Biomedicine, 2016, 29, 15-23.	2.8	16
157	Quantitative characterization of metacarpal and radial bone in rheumatoid arthritis using high resolution- peripheral quantitative computed tomography. International Journal of Rheumatic Diseases, 2017, 20, 353-362.	1.9	16
158	Effects of Surgical Factors on Cartilage Can Be Detected Using Quantitative Magnetic Resonance Imaging After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2017, 45, 1075-1084.	4.2	16
159	Determining a Threshold of Medial Meniscal Extrusion for Prediction of Knee Pain and Cartilage Damage Progression Over 4 Years: Data From the Osteoarthritis Initiative. American Journal of Roentgenology, 2021, 216, 1318-1328.	2.2	16
160	Abdominal spiral CT in children: which radiation exposure is required?. European Radiology, 2001, 11, 2262-2266.	4.5	15
161	A novel mrâ€based method for detection of cartilage delamination in femoroacetabular impingement patients. Journal of Orthopaedic Research, 2018, 36, 971-978.	2.3	15
162	Association of weight change with progression of meniscal intrasubstance degeneration over 48 months: Data from the Osteoarthritis Initiative. European Radiology, 2018, 28, 953-962.	4.5	15

#	Article	IF	Citations
163	Radiofrequency ablationâ€"an alternative for definitive treatment of solitary bone metastases. European Radiology, 2007, 17, 3012-3013.	4.5	14
164	Bone Structure and Perfusion Quantification of Bone Marrow Edema Pattern in the Wrist of Patients with Rheumatoid Arthritis: A Multimodality Study. Journal of Rheumatology, 2014, 41, 1766-1773.	2.0	14
165	Computerâ€Aided Detection <scp>AI</scp> Reduces <scp>Interreader</scp> Variability in Grading Hip Abnormalities With <scp>MRI</scp>. Journal of Magnetic Resonance Imaging, 2020, 52, 1163-1172.	3.4	14
166	Circulating serum microRNAs including senescent miR-31-5p are associated with incident fragility fractures in older postmenopausal women with type 2 diabetes mellitus. Bone, 2022, 158, 116308.	2.9	14
167	Metal artifact suppression at the hip: diagnostic performance at 3.0ÂT versus 1.5 Tesla. Skeletal Radiology, 2015, 44, 1609-1616.	2.0	13
168	MR imaging characteristics and clinical symptoms related to displaced meniscal flap tears. Skeletal Radiology, 2015, 44, 375-384.	2.0	13
169	MRI findings associated with development of incident knee pain over 48Âmonths: data from the osteoarthritis initiative. Skeletal Radiology, 2016, 45, 653-660.	2.0	13
170	Cyclops lesions are associated with altered gait patterns and medial knee joint cartilage degeneration at 1 year after ACLâ€reconstruction. Journal of Orthopaedic Research, 2017, 35, 2275-2281.	2.3	13
171	Longitudinal Evolution of Bone Microarchitecture and Bone Strength in Type 2 Diabetic Postmenopausal Women With and Without History of Fragility Fracturesâ€"A 5-Year Follow-Up Study Using High Resolution Peripheral Quantitative Computed Tomography. Frontiers in Endocrinology, 2021, 12, 599316.	3.5	13
172	Efficacy and safety of magnetic resonance-guided focused ultrasound for the treatment of painful bone metastases: a systematic review and meta-analysis. Skeletal Radiology, 2021, 50, 2459-2469.	2.0	13
173	Correlations Between Joint Morphology and Pain and Between Magnetic Resonance Imaging, Histology, and Micro-Computed Tomography. Journal of Bone and Joint Surgery - Series A, 2009, 91, 30-32.	3.0	12
174	Local associations between knee cartilage T 1Ï•and T 2 relaxation times and patellofemoral joint stress during walking: A voxel-based relaxometry analysis. Knee, 2018, 25, 406-416.	1.6	12
175	Is treated HIV infection associated with knee cartilage degeneration and structural changes? A longitudinal study using data from the osteoarthritis initiative. BMC Musculoskeletal Disorders, 2019, 20, 190.	1.9	12
176	Structural Changes over a Short Period Are Associated with Functional Assessments in Rheumatoid Arthritis. Journal of Rheumatology, 2019, 46, 676-684.	2.0	12
177	MR study of longitudinal variations in proximal femur 3D morphological shape and associations with cartilage health in hip osteoarthritis. Journal of Orthopaedic Research, 2019, 37, 161-170.	2.3	12
178	Longitudinal analysis of the contribution of 3D patella and trochlear bone shape on patellofemoral joint osteoarthritic features. Journal of Orthopaedic Research, 2021, 39, 506-515.	2.3	12
179	Meniscal ramp lesions: frequency, natural history, and the effect on knee cartilage over 2 years in subjects with anterior cruciate ligament tears. Skeletal Radiology, 2021, 50, 551-558.	2.0	12
180	Changes in Hip Capsule Morphology after Arthroscopic Treatment for Femoroacetabular Impingement Syndrome with Periportal Capsulotomy are Correlated With Improvements in Patient-Reported Outcomes. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 394-403.	2.7	12

#	Article	IF	Citations
181	AI MSK clinical applications: cartilage and osteoarthritis. Skeletal Radiology, 2022, 51, 331-343.	2.0	12
182	Arterial calcification due to CD73 deficiency (ACDC): imaging manifestations of ectopic mineralization. Skeletal Radiology, 2016, 45, 1583-1587.	2.0	11
183	Natural evolution of popliteomeniscal fascicle tears over 2 years and its association with lateral articular knee cartilage degeneration in patients with traumatic anterior cruciate ligament tear. European Radiology, 2018, 28, 3542-3549.	4.5	11
184	Longitudinal MRI structural findings observed in accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. Skeletal Radiology, 2019, 48, 1949-1959.	2.0	11
185	Postoperative MRI Findings and Associated Pain Changes After Arthroscopic Surgery for Femoroacetabular Impingement. American Journal of Roentgenology, 2020, 214, 177-184.	2.2	11
186	Factors associated with bone microstructural alterations assessed by HR-pQCT in long-term HIV-infected individuals. Bone, 2020, 133, 115210.	2.9	11
187	Conventional MRI-based subchondral trabecular biomarkers as predictors of knee osteoarthritis progression: data from the Osteoarthritis Initiative. European Radiology, 2021, 31, 3564-3573.	4.5	11
188	CT-like MRI: a qualitative assessment of ZTE sequences for knee osseous abnormalities. Skeletal Radiology, 2022, 51, 1585-1594.	2.0	11
189	Cam morphology is associated with MRI-defined cartilage defects and labral tears: a caseâ€“control study of 237 young adult football players with and without hip and groin pain. BMJ Open Sport and Exercise Medicine, 2021, 7, e001199.	2.9	11
190	Magnetic resonance imaging of ankle tendon pathology: benefits of additional axial short-tau inversion recovery imaging to reduce magic angle effects. Skeletal Radiology, 2013, 42, 499-510.	2.0	10
191	Spatial variations in magnetic resonance-based diffusion of articular cartilage in knee osteoarthritis. Magnetic Resonance Imaging, 2015, 33, 1051-1058.	1.8	10
192	Quantitative magnetic resonance arthrography in patients with femoroacetabular impingement. Journal of Magnetic Resonance Imaging, 2016, 44, 1539-1545.	3.4	10
193	Medial femur T₂ Zâ€scores predict the probability of knee structural worsening over 4â€“8 years: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2017, 46, 1128-1136.	3.4	10
194	Editorial comment: the future of compositional MRI for cartilage. European Radiology, 2018, 28, 2872-2873.	4.5	10
195	Cortical bone vessel identification and quantification on contrast-enhanced MR images. Quantitative Imaging in Medicine and Surgery, 2019, 9, 928-941.	2.0	10
196	Patellar Malalignment Is Associated With Patellofemoral Lesions and Cartilage Relaxation Times After Hamstring Autograft Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2020, 48, 2242-2251.	4.2	10
197	Identification of non-Hodgkin lymphoma patients at risk for treatment-related vertebral density loss and fractures. Osteoporosis International, 2021, 32, 281-291.	3.1	10
198	MR imaging of inherited myopathies: a review and proposal of imaging algorithms. European Radiology, 2021, 31, 8498-8512.	4.5	10

#	Article	IF	Citations
199	Impact of Sustained Synovitis on Knee Joint Structural Degeneration: <scp>4â€Year MRI</scp> Data from the Osteoarthritis Initiative. Journal of Magnetic Resonance Imaging, 2023, 57, 153-164.	3.4	10
200	Carboxymethyldextran-A2-Gd-DOTA enhancement patterns in the abdomen and pelvis in an animal model. European Radiology, 2001, 11, 1276-1284.	4.5	9
201	Evaluating radiocarpal cartilage matrix changes 3-months after anti-TNF treatment for rheumatoid arthritis using MR T1ï·imaging. Journal of Magnetic Resonance Imaging, 2017, 45, 1514-1522.	3.4	9
202	Conservatively treated knee injury is associated with knee cartilage matrix degeneration measured with MRI-based T2 relaxation times: data from the osteoarthritis initiative. Skeletal Radiology, 2018, 47, 93-106.	2.0	9
203	Patients with Type 2 Diabetes Exhibit a More Mineralized Deep Cartilage Layer Compared with Nondiabetic Controls: A Pilot Study. Cartilage, 2021, 13, 428S-436S.	2.7	9
204	Paraspinal Muscle in Chronic Low Back Pain: Comparison Between Standard Parameters and Chemical Shift Encodingâ€Based Waterâ€“Fat <scp>MRI</scp>. Journal of Magnetic Resonance Imaging, 2022, 56, 1600-1608.	3.4	9
205	Effects of Weight Change on Knee and Hip Radiographic Measurements and Pain Over Four Years: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2023, 75, 860-868.	3.4	9
206	MR Imaging in Osteoarthritis: Hardware, Coils, and Sequences. Magnetic Resonance Imaging Clinics of North America, 2010, 18, 95-110.	1.1	8
207	Regional Articular Cartilage Abnormalities of the Hip. American Journal of Roentgenology, 2015, 205, 502-512.	2.2	8
208	Osteoporosis Imaging in the Geriatric Patient. Current Radiology Reports, 2016, 4, 1.	1.4	8
209	Association of blood pressure with knee cartilage composition and structural knee abnormalities: data from the osteoarthritis initiative. Skeletal Radiology, 2020, 49, 1359-1368.	2.0	8
210	Correlation of hip capsule morphology with patient symptoms from femoroacetabular impingement. Journal of Orthopaedic Research, 2021, 39, 590-596.	2.3	8
211	Predicting outcomes in patients undergoing intra-articular corticosteroid hip injections. Skeletal Radiology, 2021, 50, 1347-1357.	2.0	8
212	Opioid users show worse baseline knee osteoarthritis and faster progression of degenerative changes: a retrospective case-control study based on data from the Osteoarthritis Initiative (OAI). Arthritis Research and Therapy, 2021, 23, 146.	3.5	8
213	Shear strain and inflammationâ€induced fixed charge density loss in the knee joint cartilage following ACL injury and reconstruction: A computational study. Journal of Orthopaedic Research, 2022, 40, 1505-1522.	2.3	8
214	Subjectâ€specific biomechanical analysis to estimate locations susceptible to osteoarthritisâ€”Finite element modeling and MRI followâ€up of ACL reconstructed patients. Journal of Orthopaedic Research, 2022, 40, 1744-1755.	2.3	8
215	Texture Analysis Using CT and Chemical Shift Encoding-Based Water-Fat MRI Can Improve Differentiation Between Patients With and Without Osteoporotic Vertebral Fractures. Frontiers in Endocrinology, 2021, 12, 778537.	3.5	8
216	Using the Scoring Hip Osteoarthritis with Magnetic Resonance Imaging (SHOMRI) system to assess intraâ€articular pathology in femoroacetabular impingement. Journal of Orthopaedic Research, 2018, 36, 3064-3070.	2.3	7

#	Article	IF	Citations
217	Association Between Gait Kinetics and Symptomatic Progression in Persons With Patellofemoral With/Without Concurrent Tibiofemoral Osteoarthritis. Journal of Orthopaedic Research, 2019, 37, 2593-2600.	2.3	7
218	Diagnostic value of fluoroscopy-guided hip aspiration for periprosthetic joint infection. Skeletal Radiology, 2021, 50, 2245-2254.	2.0	6
219	Intra-articular osteoid osteoma at the femoral trochlea treated with osteochondral autograft transplantation. Journal of Radiology Case Reports, 2016, 10, 22-29.	0.4	5
220	Multiple hereditary exostoses: A pseudoaneurysm masquerading as tumor. Journal of Radiology Case Reports, 2016, 10, 50-59.	0.4	5
221	Cutibacterium (formerly Propionibacterium) acnes clavicular infection. Journal of Bone and Joint Infection, 2019, 4, 40-49.	1.5	5
222	Central osteophytes develop in cartilage with abnormal structure and composition: data from the Osteoarthritis Initiative cohort. Skeletal Radiology, 2019, 48, 1357-1365.	2.0	5
223	Introduction of an MR-based semi-quantitative score for assessing partial meniscectomy and relation to knee joint degenerative disease: data from the Osteoarthritis Initiative. European Radiology, 2019, 29, 3262-3272.	4.5	5
224	Jointâ€adjacent Adipose Tissue by <scp>MRI</scp> is Associated With Prevalence and Progression of Knee Degenerative Changes: Data from the Osteoarthritis Initiative. Journal of Magnetic Resonance Imaging, 2021, 54, 155-165.	3.4	5
225	DETECTION OF POSTTRAUMATIC CARTILAGE INJURY USING QUANTITATIVE T1RHO MAGNETIC RESONANCE IMAGING. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1349-1352.	3.0	5
226	Personalized Risk Model and Leveraging of Magnetic Resonance Imagingâ€"Based Structural Phenotypes and Clinical Factors to Predict Incidence of Radiographic Osteoarthritis. Arthritis Care and Research, 2023, 75, 501-508.	3.4	5
227	Assessing bone structure in the prediction of osteoporotic fractures. Nature Reviews Rheumatology, 2012, 8, 6-8.	8.0	4
228	Giant Cell Tumor of Bone: Documented Progression over 4 Years from Its Origin at the Metaphysis to the Articular Surface. Case Reports in Radiology, 2016, 2016, 1-5.	0.3	4
229	Evolution of Intrameniscal Signal-Intensity Alterations Detected on MRI Over 24 Months in Patients With Traumatic Anterior Cruciate Ligament Tear. American Journal of Roentgenology, 2017, 208, 386-392.	2.2	4
230	Investigating the Association of Metabolic Biomarkers With Knee Cartilage Composition and Structural Abnormalities Using MRI: A Pilot Study. Cartilage, 2020, , 194760352094637.	2.7	4
231	Natural history of new horizontal meniscal tears in individuals at risk for and with mild to moderate osteoarthritis: data from osteoarthritis initiative. European Radiology, 2020, 30, 5971-5980.	4.5	4
232	Weight Cycling and Knee Joint Degeneration in Individuals with Overweight or Obesity: Fourâ€Year Magnetic Resonance Imaging Data from the Osteoarthritis Initiative. Obesity, 2021, 29, 909-918.	3.0	4
233	Microstructural abnormalities are evident by histology but not HR-pQCT at the periosteal cortex of the human tibia under CVD and T2D conditions. Medicine in Novel Technology and Devices, 2021, 10, 100062.	1.6	4
234	Axial traction magnetic resonance imaging (MRI) of the glenohumeral joint in healthy volunteers: initial experience. Clinical Imaging, 2017, 42, 178-182.	1.5	3

#	Article	IF	Citations
235	Distal Forearm Fracture Open Reductionâ€“Internal Fixation: Sonographic Detection of Hardware Malalignment and Associated Tendon Injuries Missed by Radiography. Journal of Ultrasound in Medicine, 2017, 36, 2173-2177.	1.7	3
236	Diagnostic Performance of CT-Guided Bone Biopsies in Patients with Suspected Osteomyelitis of the Appendicular and Axial Skeleton with a Focus on Clinical and Technical Factors Associated with Positive Microbiology Culture Results. Journal of Vascular and Interventional Radiology, 2020, 31, 464-472.	0.5	3
237	Abbreviated Musculoskeletal MRI Protocols: Counterpointâ€”Worsened Patient Care and Radiologist Burnout. American Journal of Roentgenology, 2021, 216, 35-36.	2.2	3
238	Fibroma-like perivascular epithelioid cell tumor: a rare case in a long bone. Skeletal Radiology, 2021, 50, 821-825.	2.0	3
239	Automatic hip abductor muscle fat fraction estimation and association with early OA cartilage degeneration biomarkers. Journal of Orthopaedic Research, 2021, 39, 2376-2387.	2.3	3
240	Musculoskeletal Applications of Magnetic Resonance-Guided Focused Ultrasound. Seminars in Musculoskeletal Radiology, 2021, 25, 725-734.	0.7	3
241	Imaging of Osteoarthritis in Geriatric Patients. Current Radiology Reports, 2016, 4, 1.	1.4	2
242	The need for short MRI examinations: A musculoskeletal perspective. Journal of Magnetic Resonance Imaging, 2019, 49, e49-e50.	3.4	2
243	Cartilage degeneration post-meniscectomy performed for degenerative disease versus trauma: data from the Osteoarthritis Initiative. Skeletal Radiology, 2020, 49, 231-240.	2.0	2
244	Extracting Voxelâ€Based Cartilage Relaxometry Features in Hip Osteoarthritis Subjects Using Principal Component Analysis. Journal of Magnetic Resonance Imaging, 2020, 51, 1708-1719.	3.4	2
245	Patients with Symptomatic Hip Osteoarthritis Have Altered Kinematics during Stair Ambulation. PM and R, 2021, 13, 128-136.	1.6	2
246	Multivariate functional principal component analysis identifies waveform features of gait biomechanics related to earlyâ€toâ€moderate hip osteoarthritis. Journal of Orthopaedic Research, 2021, 39, 1722-1731.	2.3	2
247	Primary osteosarcoma of the parietal bone. Skeletal Radiology, 2021, 50, 1729-1733.	2.0	2
248	High incidence of fractures after R-CHOP-like chemotherapy for aggressive B-cell non-Hodgkin lymphomas. Supportive Care in Cancer, 2021, 29, 5399-5408.	2.2	2
249	Using AI to Improve Radiographic Fracture Detection. Radiology, 2022, 302, 637-638.	7.3	2
250	Current Radiographic Diagnosis for Osteoarthritis of the Knee. , 2010, , 69-84.		1
251	Predicting the biomechanical strength of proximal femur specimens with Minkowski functionals and support vector regression. , 2014, 9038, .		1
252	Progression of dialysis-related amyloidoma towards pathologic fracture. Skeletal Radiology, 2019, 48, 301-306.	2.0	1

#	Article	IF	Citations
253	Associations between vertebral body fat fraction and intervertebral disc biochemical composition as assessed by quantitative MRI. Journal of Magnetic Resonance Imaging, 2019, 50, spcone.	3.4	1
254	Percutaneous CT-guided corticosteroid injection for the treatment of osseous Langerhans cell histocytosis: a three institution retrospective analysis. Skeletal Radiology, 2021, , 1.	2.0	1
255	In Vivo Quantification of Cortical Bone Water with Ultrashort Echo-Time MR Imaging: A New Parameter to Measure Bone Quality?. Radiology, 2008, 248, 705-706.	7.3	0
256	Predicting the biomechanical strength of proximal femur specimens through high dimensional geometric features and support vector regression. , 2013, 8672, .		0
257	Altered Joint Loading During Gait is Associated with Hip Joint Abnormalities in FAI Patients. Journal of Hip Preservation Surgery, 2016, 3, .	1.3	0
258	Association of diabetes mellitus and biochemical knee cartilage composition assessed by T₂ relaxation time measurements: Data from the osteoarthritis initiative. Journal of Magnetic Resonance Imaging, 2018, 47, spcone.	3.4	0
259	Skeletal Radiology: The Year in Review 2017. Skeletal Radiology, 2018, 47, 303-305.	2.0	0
260	Skeletal Radiology: The Year in Review 2018. Skeletal Radiology, 2019, 48, 1157-1159.	2.0	0
261	THU0067â€…THREE-MONTH RADIOLOGICAL CHANGES IN WRIST JOINT MEASURED BY MRI AND HR-PQCT CAN PREDICT 12-MONTH CHANGES IN EROSION AND FUNCTIONAL OUTCOMES AFTER MTX AND ANTI-TNF TREATMENT IN PATIENTS WITH RHEUMATOID ARTHRITIS: A MULTI-MODALITY IMAGING STUDY. , 2019, , .		0
262	Skeletal Radiology: the year in review 2019. Skeletal Radiology, 2020, 49, 1179-1181.	2.0	0
263	Histoplasmosis tenosynovitis of the forearm and wrist: imaging, surgical and pathologic findings. Skeletal Radiology, 2021, 50, 1723-1728.	2.0	0
264	MRI Relaxometry as Early Measures of OA. , 2022, , 27-37.		0
265	Current Magnetic Resonance Imaging Techniques for Clinical Diagnosis and Staging of Knee Osteoarthritis. , 2010, , 113-142.		0
266	Diagnosis of Osteochondral Lesions by MRI. , 2014, , 21-30.		0
267	Meniscal Root Tears: An Update Focused on Preoperative and Postoperative MRI Findings. American Journal of Roentgenology, 2022, , .	2.2	0