Eric Y Chang

List of Publications by Year
in descending order

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216	5,023	109137	168136
papers	citations	35 h-index	53 g-index

218	218	218	3469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comprehensive assessment of in vivo lumbar spine intervertebral discs using a 3D adiabatic T1Ï•prepared ultrashort echo time (UTE-Adiab-T1Ï) pulse sequence. Quantitative Imaging in Medicine and Surgery, 2022, 12, 269-280.	1.1	7
2	Correlation between the elastic modulus of anterior cruciate ligament (ACL) and quantitative ultrashort echo time (UTE) magnetic resonance imaging. Journal of Orthopaedic Research, 2022, 40, 2330-2339.	1.2	10
3	On the fat saturation effect in quantitative ultrashort TE MR imaging. Magnetic Resonance in Medicine, 2022, 87, 2388-2397.	1.9	7
4	MRI-based mechanical competence assessment of bone using micro finite element analysis (micro-FEA): Review. Magnetic Resonance Imaging, 2022, 88, 9-19.	1.0	5
5	Quantitative assessment of articular cartilage degeneration using 3D ultrashort echo time cones adiabatic T1Ï•(3D UTE-Cones-AdiabT1Ï) imaging. European Radiology, 2022, 32, 6178-6186.	2.3	5
6	The value of supplemental prone imaging in low-dose CT lung cancer screening. A technical note. Monaldi Archives for Chest Disease, 2022, , .	0.3	0
7	Medical studentâ€™s perception of the COVID-19 pandemic effect on their education and well-being: a cross-sectional survey in the United States. BMC Medical Education, 2022, 22, 149.	1.0	22
8	Evaluation of enzymatic proteoglycan loss and collagen degradation in human articular cartilage using ultrashort echo timeâ€based biomarkers: A feasibility study. NMR in Biomedicine, 2022, 35, e4664.	1.6	4
9	Ultrashort Echo Time Magnetic Resonance Imaging Techniques: Met and Unmet Needs in Musculoskeletal Imaging. Journal of Magnetic Resonance Imaging, 2022, 55, 1597-1612.	1.9	30
10	AcidoCEST-UTE MRI Reveals an Acidic Microenvironment in Knee Osteoarthritis. International Journal of Molecular Sciences, 2022, 23, 4466.	1.8	13
11	Lower Macromolecular Content in Tendons of Female Patients with Osteoporosis versus Patients with Osteopenia Detected by Ultrashort Echo Time (UTE) MRI. Diagnostics, 2022, 12, 1061.	1.3	5
12	Musculoskeletal Imaging of the Older Population. Radiologic Clinics of North America, 2022, 60, xv.	0.9	0
13	A receptor-binding radiopharmaceutical for imaging of traumatic brain injury in a rodent model: [99mTc]Tc-tilmanocept. Nuclear Medicine and Biology, 2021, 92, 107-114.	0.3	3
14	Reproductive tract immune cells from pregnant women or those using depot medroxyprogesterone acetate show no excess susceptibility to HIV-1: Results of an ex vivo fusion assay. Contraception, 2021, 103, 44-47.	0.8	0
15	Cardiovascular, cerebrovascular, and renal co-morbidities in COVID-19 patients: A systematic-review and meta-analysis. Computational and Structural Biotechnology Journal, 2021, 19, 3755-3764.	1.9	9
16	The intratumor microbiome predicts prognosis across gender and subtypes in papillary thyroid carcinoma. Computational and Structural Biotechnology Journal, 2021, 19, 1986-1997.	1.9	32
17	A Useful Combination of Quantitative Ultrashort Echo Time MR Imaging and a Probing Device for Biomechanical Evaluation of Articular Cartilage. Biosensors, 2021, 11, 52.	2.3	7
18	Inversion Recovery Ultrashort TE MR Imaging of Myelin is Significantly Correlated with Disability in Patients with Multiple Sclerosis. American Journal of Neuroradiology, 2021, 42, 868-874.	1.2	10

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19	Novel fluorescent staining protocol for thick sections of human osteochondral tissues to facilitate correlation with MRI and CT. Skeletal Radiology, 2021, 50, 2281-2288.	1.2	0
20	Brain ultrashort T2 component imaging using a short TR adiabatic inversion recovery prepared dual-echo ultrashort TE sequence with complex echo subtraction (STAIR-dUTE-ES). Journal of Magnetic Resonance, 2021, 323, 106898.	1.2	10
21	Automated cartilage segmentation and quantification using 3D ultrashort echo time (UTE) cones MR imaging with deep convolutional neural networks. European Radiology, 2021, 31, 7653-7663.	2.3	14
22	Ultrashort echo time Cones double echo steady state (UTEâ€Conesâ€DESS) for rapid morphological imaging of short T₂ tissues. Magnetic Resonance in Medicine, 2021, 86, 881-892.	1.9	12
23	Quantitative <scp>3D</scp> Ultrashort Echo Time Magnetization Transfer Imaging for Evaluation of Knee Cartilage Degeneration In Vivo. Journal of Magnetic Resonance Imaging, 2021, 54, 1294-1302.	1.9	12
24	Doseâ€Lowering in Contrastâ€Enhanced <scp>MRI</scp> of the Central Nervous System: Aâ€‰Retrospective, Parallelâ€Group Comparison Using Gadobenate Dimeglumine. Journal of Magnetic Resonance Imaging, 2021, 54, 1660-1675.	1.9	3
25	COVID-19 Severity Potentially Modulated by Cardiovascular-Disease-Associated Immune Dysregulation. Viruses, 2021, 13, 1018.	1.5	9
26	Editorial for â€œChange in Susceptibility Values in Knee Cartilage After Marathon Running Measured Using Quantitative Susceptibility Mappingâ€• Journal of Magnetic Resonance Imaging, 2021, 54, 1594-1595.	1.9	0
27	AcidoCEST MRI Evaluates the Bone Microenvironment in Multiple Myeloma. Molecular Imaging and Biology, 2021, 23, 865-873.	1.3	6
28	Identification of Lung and Blood Microbiota Implicated in COVID-19 Prognosis. Cells, 2021, 10, 1452.	1.8	10
29	Ultrashort echo time adiabatic T1ï•(UTE-Adiab-T1ï) is sensitive to human cadaveric knee joint deformation induced by mechanical loading and unloading. Magnetic Resonance Imaging, 2021, 80, 98-105.	1.0	5
30	High contrast cartilaginous endplate imaging using a 3D adiabatic inversionâ€recoveryâ€prepared fatâ€saturated ultrashort echo time (3D IRâ€FSâ€UTE) sequence. NMR in Biomedicine, 2021, 34, e4579.	1.6	6
31	Musculoskeletal ultrasound in hemophilia: Results and recommendations from a global survey and consensus meeting. Research and Practice in Thrombosis and Haemostasis, 2021, 5, e12531.	1.0	18
32	Tobacco Smoke and Electronic Cigarette Vapor Alter Enhancer RNA Expression That Can Regulate the Pathogenesis of Lung Squamous Cell Carcinoma. Cancers, 2021, 13, 4225.	1.7	2
33	Bleeding with iron deposition and vascular remodelling in subchondral cysts: A newly discovered feature unique to haemophilic arthropathy. Haemophilia, 2021, 27, e730-e738.	1.0	6
34	Ossification of the Posterior Longitudinal Ligament on Zero-TE MRI With â€œCT-Likeâ€•Contrast. American Journal of Roentgenology, 2021, 217, 1-1.	1.0	6
35	Knee Cartilage Imaging. Clinics in Sports Medicine, 2021, 40, 677-692.	0.9	1
36	Disparities in COVID-19 Outcomes by Race, Ethnicity, and Socioeconomic Status. JAMA Network Open, 2021, 4, e2134147.	2.8	390

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37	Feasibility of an Inversion Recovery-Prepared Fat-Saturated Zero Echo Time Sequence for High Contrast Imaging of the Osteochondral Junction. Frontiers in Endocrinology, 2021, 12, 777080.	1.5	6
38	Inversion recovery UTE based volumetric myelin imaging in human brain using interleaved hybrid encoding. Magnetic Resonance in Medicine, 2020, 83, 950-961.	1.9	15
39	Magnetic resonance imaging (MRI) studies of knee joint under mechanical loading: Review. Magnetic Resonance Imaging, 2020, 65, 27-36.	1.0	34
40	Trabecular bone imaging using a 3D adiabatic inversion recovery prepared ultrashort TE Cones sequence at 3T. Magnetic Resonance in Medicine, 2020, 83, 1640-1651.	1.9	38
41	Knee menisci segmentation and relaxometry of 3D ultrashort echo time cones MR imaging using attention Uâ€Net with transfer learning. Magnetic Resonance in Medicine, 2020, 83, 1109-1122.	1.9	51
42	Water proton density in human cortical bone obtained from ultrashort echo time (UTE) MRI predicts bone microstructural properties. Magnetic Resonance Imaging, 2020, 67, 85-89.	1.0	15
43	T₁ measurement of bound water in cortical bone using 3D adiabatic inversion recovery ultrashort echo time (3D IRâ€UTE) Cones imaging. Magnetic Resonance in Medicine, 2020, 84, 634-645.	1.9	9
44	Assessing the Performance of Morphologic and Echogenic Features in Median Nerve Ultrasound for Carpal Tunnel Syndrome Diagnosis. Journal of Ultrasound in Medicine, 2020, 39, 1165-1174.	0.8	10
45	Quantitative threeâ€dimensional ultrashort echo time cones imaging of the knee joint with motion correction. NMR in Biomedicine, 2020, 33, e4214.	1.6	17
46	Intraligamentous synovial chondromatosis of the anterior cruciate ligament. Skeletal Radiology, 2020, 49, 645-650.	1.2	0
47	Whole-Brain Myelin Imaging Using 3D Double-Echo Sliding Inversion Recovery Ultrashort Echo Time (DESIRE UTE) MRI. Radiology, 2020, 294, 362-374.	3.6	45
48	Correlations of cortical bone microstructural and mechanical properties with water proton fractions obtained from ultrashort echo time (UTE) MRI tricomponent T2* model. NMR in Biomedicine, 2020, 33, e4233.	1.6	33
49	Editorial on "Multiparametric MR Investigation of Proteoglycan Diffusivity, T₂ Relaxation, and Concentration in an ex vivo Model of Intervertebral Disc Degeneration". Journal of Magnetic Resonance Imaging, 2020, 51, 1401-1402.	1.9	1
50	Improved volumetric myelin imaging in human brain using 3D dual echo inversion recoveryâ€prepared UTE with complex echo subtraction. Magnetic Resonance in Medicine, 2020, 83, 1168-1177.	1.9	11
51	Quantitative Ultrashort Echo Time (UTE) Magnetic Resonance Imaging of Bone: An Update. Frontiers in Endocrinology, 2020, 11, 567417.	1.5	31
52	ACR Appropriateness CriteriaÂ® Acute Trauma to the Knee. Journal of the American College of Radiology, 2020, 17, S12-S25.	0.9	10
53	Using machine learning of clinical data to diagnose COVID-19: a systematic review and meta-analysis. BMC Medical Informatics and Decision Making, 2020, 20, 247.	1.5	112
54	ACR Appropriateness CriteriaÂ® Acute Trauma to the Foot. Journal of the American College of Radiology, 2020, 17, S2-S11.	0.9	7

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55	Fast quantitative threeâ€dimensional ultrashort echo time (UTE) Cones magnetic resonance imaging of major tissues in the knee joint using extended sprial sampling. NMR in Biomedicine, 2020, 33, e4376.	1.6	5
56	Ultrashort echo time quantitative susceptibility mapping (UTEâ€QSM) for detection of hemosiderin deposition in hemophilic arthropathy: A feasibility study. Magnetic Resonance in Medicine, 2020, 84, 3246-3255.	1.9	20
57	Identification and Characterization of the Intra-Articular Microbiome in the Osteoarthritic Knee. International Journal of Molecular Sciences, 2020, 21, 8618.	1.8	13
58	Tobacco, but Not Nicotine and Flavor-Less Electronic Cigarettes, Induces ACE2 and Immune Dysregulation. International Journal of Molecular Sciences, 2020, 21, 5513.	1.8	34
59	Rapid single scan ramped hybridâ€encoding for bicomponent T2* mapping in a human knee joint: A feasibility study. NMR in Biomedicine, 2020, 33, e4391.	1.6	7
60	Volumetric imaging of myelin in vivo using 3D inversion recoveryâ€prepared ultrashort echo time cones magnetic resonance imaging. NMR in Biomedicine, 2020, 33, e4326.	1.6	15
61	Myelin Imaging in Human Brain Using a Short Repetition Time Adiabatic Inversion Recovery Prepared Ultrashort Echo Time (STAIR-UTE) MRI Sequence in Multiple Sclerosis. Radiology, 2020, 297, 392-404.	3.6	35
62	An Update in Qualitative Imaging of Bone Using Ultrashort Echo Time Magnetic Resonance. Frontiers in Endocrinology, 2020, 11, 555756.	1.5	19
63	Assessment of mechanical properties of articular cartilage with quantitative three-dimensional ultrashort echo time (UTE) cones magnetic resonance imaging. Journal of Biomechanics, 2020, 113, 110085.	0.9	14
64	The Pancreatic Microbiome is Associated with Carcinogenesis and Worse Prognosis in Males and Smokers. Cancers, 2020, 12, 2672.	1.7	43
65	Influence of Intratumor Microbiome on Clinical Outcome and Immune Processes in Prostate Cancer. Cancers, 2020, 12, 2524.	1.7	40
66	High-Density Mineralized Protrusions and Central Osteophytes: Associated Osteochondral Junction Abnormalities in Osteoarthritis. Diagnostics, 2020, 10, 1051.	1.3	3
67	Detecting Articular Cartilage and Meniscus Deformation Effects Using Magnetization Transfer Ultrashort Echo Time (MT-UTE) Modeling during Mechanical Load Application: Ex Vivo Feasibility Study. Cartilage, 2020, , 194760352097677.	1.4	8
68	Convincing evidence for magic angle lessâ€sensitive quantitative T<sub>1Ï<sub>Â(3D UTE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (co	1.6	21
69	Magic angle effect on adiabatic T<sub>1Ï<sub> imaging of the Achilles tendon using 3D ultrashort echo time cones trajectory. NMR in Biomedicine, 2020, 33, e4322.	1.6	18
70	Smoking-Mediated Upregulation of the Androgen Pathway Leads to Increased SARS-CoV-2 Susceptibility. International Journal of Molecular Sciences, 2020, 21, 3627.	1.8	36
71	Comparative Analysis of Age- and Gender-Associated Microbiome in Lung Adenocarcinoma and Lung Squamous Cell Carcinoma. Cancers, 2020, 12, 1447.	1.7	20
72	Three-Dimensional Zero Echo Time Magnetic Resonance Imaging Versus 3-Dimensional Computed Tomography for Glenoid Bone Assessment. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 2391-2400.	1.3	39

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73	Inversion recovery zero echo time (IR-ZTE) imaging for direct myelin detection in human brain: a feasibility study. Quantitative Imaging in Medicine and Surgery, 2020, 10, 895-906.	1.1	14
74	Pectoralis major tendon and enthesis: anatomic, magnetic resonance imaging, ultrasonographic, and histologicÂinvestigation. Journal of Shoulder and Elbow Surgery, 2020, 29, 1590-1598.	1.2	6
75	Rotator Cuff Tendon Assessment in Symptomatic and Control Groups Using Quantitative MRI. Journal of Magnetic Resonance Imaging, 2020, 52, 864-872.	1.9	12
76	Ultrashort echo time (UTE) magnetic resonance imaging of myelin: technical developments and challenges. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1186-1203.	1.1	16
77	The Liver Microbiome Is Implicated in Cancer Prognosis and Modulated by Alcohol and Hepatitis B. Cancers, 2020, 12, 1642.	1.7	15
78	ACR Appropriateness CriteriaÂ® Acute Trauma to the Ankle. Journal of the American College of Radiology, 2020, 17, S355-S366.	0.9	11
79	Quantitative Magnetic Resonance Imaging of Cortical and Trabecular Bone. Seminars in Musculoskeletal Radiology, 2020, 24, 386-401.	0.4	9
80	Use of ultrasound for assessment of musculoskeletal disease in persons with haemophilia: Results of an International Prophylaxis Study Group global survey. Haemophilia, 2020, 26, 685-693.	1.0	16
81	Magnetic resonance imaging of the shoulder. Polish Journal of Radiology, 2020, 85, 420-439.	0.5	17
82	Advanced Quantitative MSK Imaging. Seminars in Musculoskeletal Radiology, 2020, 24, 335-336.	0.4	1
83	Magnetic resonance imaging of the elbow. Polish Journal of Radiology, 2020, 85, 440-460.	0.5	5
84	Collagen proton fraction from ultrashort echo time magnetization transfer (UTEâ€MT) MRI modelling correlates significantly with cortical bone porosity measured with microâ€computed tomography (Î¼CT). NMR in Biomedicine, 2019, 32, e4045.	1.6	34
85	Assessing cortical bone mechanical properties using collagen proton fraction from ultrashort echo time magnetization transfer (UTE-MT) MRI modeling. Bone Reports, 2019, 11, 100220.	0.2	32
86	Papillary Thyroid Carcinoma Variants are Characterized by Co-dysregulation of Immune and Cancer Associated Genes. Cancers, 2019, 11, 1179.	1.7	19
87	Fat suppression for ultrashort echo time imaging using a novel softâ€hard composite radiofrequency pulse. Magnetic Resonance in Medicine, 2019, 82, 2178-2187.	1.9	24
88	Imaging Diagnosis of Rotator Cuff Pathology and Impingement Syndromes. , 2019, , 87-125.		2
89	Nomenclature of Subchondral Nonneoplastic Bone Lesions. American Journal of Roentgenology, 2019, 213, 963-982.	1.0	46
90	Significant correlations between human cortical bone mineral density and quantitative susceptibility mapping (QSM) obtained with 3D Cones ultrashort echo time magnetic resonance imaging (UTE-MRI). Magnetic Resonance Imaging, 2019, 62, 104-110.	1.0	34

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91	Assessment of an in vitro model of rotator cuff degeneration using quantitative magnetic resonance and ultrasound imaging with biochemical and histological correlation. European Journal of Radiology, 2019, 121, 108706.	1.2	8
92	Etiology-Specific Analysis of Hepatocellular Carcinoma Transcriptome Reveals Genetic Dysregulation in Pathways Implicated in Immunotherapy Efficacy. Cancers, 2019, 11, 1273.	1.7	10
93	Acquired Hemophilia A (FVIII Deficiency) Associated with Papillary Thyroid Cancer: Treatment with Recombinant Porcine FVIII. Case Reports in Hematology, 2019, 2019, 1-5.	0.3	6
94	Multimodal Bioluminescent and Positronic-emission Tomography/Computational Tomography Imaging of Multiple Myeloma Bone Marrow Xenografts in NOG Mice. Journal of Visualized Experiments, 2019, , .	0.2	3
95	Volumetric mapping of bound and pore water as well as collagen protons in cortical bone using 3D ultrashort echo time cones MR imaging techniques. Bone, 2019, 127, 120-128.	1.4	36
96	Advanced magnetic resonance imaging of cartilage components in haemophilic joints reveals that cartilage hemosiderin correlates with joint deterioration. Haemophilia, 2019, 25, 851-858.	1.0	20
97	ACR Appropriateness CriteriaÂ® Acute Hip Pain-Suspected Fracture. Journal of the American College of Radiology, 2019, 16, S18-S25.	0.9	18
98	Quantitative MRI Musculoskeletal Techniques: An Update. American Journal of Roentgenology, 2019, 213, 524-533.	1.0	39
99	Quantitative Ultrasound and B-Mode Image Texture Features Correlate with Collagen and Myelin Content in Human Ulnar Nerve Fascicles. Ultrasound in Medicine and Biology, 2019, 45, 1830-1840.	0.7	14
100	Characterization of intramuscular calf vein thrombosis on routine knee MRI. Skeletal Radiology, 2019, 48, 1573-1580.	1.2	5
101	Ultrashort echo time magnetic resonance imaging (UTE-MRI) of cortical bone correlates well with histomorphometric assessment of bone microstructure. Bone, 2019, 123, 8-17.	1.4	44
102	Threeâ€dimensional ultrashort echo time imaging with tricomponent analysis for human cortical bone. Magnetic Resonance in Medicine, 2019, 82, 348-355.	1.9	42
103	Ultrashort Echo Time Quantitative Susceptibility Mapping (UTE-QSM) of Highly Concentrated Magnetic Nanoparticles: A Comparison Study about Different Sampling Strategies. Molecules, 2019, 24, 1143.	1.7	19
104	Multimodal imaging assessment and histologic correlation of the female rat pelvic floor musclesâ€™ anatomy. Journal of Anatomy, 2019, 234, 543-550.	0.9	2
105	Fat suppression for ultrashort echo time imaging using a singleâ€point Dixon method. NMR in Biomedicine, 2019, 32, e4069.	1.6	32
106	Imaging of the region of the osteochondral junction (OCJ) using a 3D adiabatic inversion recovery prepared ultrashort echo time cones (3D IRâ€UTEâ€cones) sequence at 3ÂT. NMR in Biomedicine, 2019, 32, e4080.	1.6	27
107	Fast quantitative 3D ultrashort echo time MRI of cortical bone using extended cones sampling. Magnetic Resonance in Medicine, 2019, 82, 225-236.	1.9	34
108	In vivo assessment of extracellular pH of joint tissues using acidoCEST-UTE MRI. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1664-1673.	1.1	20

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109	Age-related decrease in collagen proton fraction in tibial tendons estimated by magnetization transfer modeling of ultrashort echo time magnetic resonance imaging (UTE-MRI). Scientific Reports, 2019, 9, 17974.	1.6	27
110	AcidoCEST-UTE MRI for the Assessment of Extracellular pH of Joint Tissues at 3 T. Investigative Radiology, 2019, 54, 565-571.	3.5	8
111	The Landscape of Long Non-Coding RNA Dysregulation and Clinical Relevance in Muscle Invasive Bladder Urothelial Carcinoma. Cancers, 2019, 11, 1919.	1.7	4
112	MR Arthrogram Features That Can Be Used to Distinguish Between True Inferior Glenohumeral Ligament Complex Tears and Iatrogenic Extravasation. American Journal of Roentgenology, 2019, 212, 411-417.	1.0	13
113	Whole knee joint T₁ values measured in vivo at 3T by combined 3D ultrashort echo time cones actual flip angle and variable flip angle methods. Magnetic Resonance in Medicine, 2019, 81, 1634-1644.	1.9	52
114	True phase quantitative susceptibility mapping using continuous singleâ€point imaging: a feasibility study. Magnetic Resonance in Medicine, 2019, 81, 1907-1914.	1.9	24
115	Calcineurin-inhibitor induced pain syndrome â€“ Magnetic resonance imaging and scintigraphic findings illustrated through two cases. Clinical Imaging, 2019, 53, 174-178.	0.8	4
116	Development and Reliability of the Joint Tissue Activity and Damage Examination for Quantitation of Structural Abnormalities by Musculoskeletal Ultrasound in Hemophilic Joints. Journal of Ultrasound in Medicine, 2019, 38, 1569-1581.	0.8	28
117	Ultrashort Echo Time MRI (UTE-MRI) Quantifications of Cortical Bone Varied Significantly at Body Temperature Compared with Room Temperature. Investigative Magnetic Resonance Imaging, 2019, 23, 202.	0.2	11
118	3D adiabatic T₁Ï< prepared ultrashort echo time cones sequence for whole knee imaging. Magnetic Resonance in Medicine, 2018, 80, 1429-1439.	1.9	55
119	Feasibility of using an inversion-recovery ultrashort echo time (UTE) sequence for quantification of glenoid bone loss. Skeletal Radiology, 2018, 47, 973-980.	1.2	24
120	Advanced Hemophilic Arthropathy: Sensitivity of Soft Tissue Discrimination With Musculoskeletal Ultrasound. Journal of Ultrasound in Medicine, 2018, 37, 1945-1956.	0.8	21
121	Accurate T₁ mapping of short T₂ tissues using a threeâ€dimensional ultrashort echo time cones actual flip angle imagingâ€variable repetition time (3D UTEâ€Cones AFIâ€VTR) method. Magnetic Resonance in Medicine, 2018, 80, 598-608.	1.9	69
122	Three-dimensional ultrashort echo time cones (3D UTE-Cones) magnetic resonance imaging of entheses and tendons. Magnetic Resonance Imaging, 2018, 49, 4-9.	1.0	33
123	Simultaneous quantitative susceptibility mapping (QSM) and for high iron concentration quantification with 3D ultrashort echo time sequences: An echo dependence study. Magnetic Resonance in Medicine, 2018, 79, 2315-2322.	1.9	26
124	Quantitative magnetization transfer ultrashort echo time imaging using a timeâ€efficient 3D multispoke Cones sequence. Magnetic Resonance in Medicine, 2018, 79, 692-700.	1.9	68
125	Short T₂ imaging using a 3D double adiabatic inversion recovery prepared ultrashort echo time cones (3D DIRâ€UTEâ€Cones) sequence. Magnetic Resonance in Medicine, 2018, 79, 2555-2563.	1.9	55
126	Rotator cuff tendon assessment using magicâ€angle insensitive 3D ultrashort echo time cones magnetization transfer (UTEâ€Conesâ€MT) imaging and modeling with histological correlation. Journal of Magnetic Resonance Imaging, 2018, 48, 160-168.	1.9	38

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127	Quantitative twoâ€dimensional ultrashort echo time magnetization transfer (2D UTEâ€MT) imaging of cortical bone. Magnetic Resonance in Medicine, 2018, 79, 1941-1949.	1.9	34
128	ACR Appropriateness CriteriaÂ® Chronic KneeÂPain. Journal of the American College of Radiology, 2018, 15, S302-S312.	0.9	23
129	Flexor carpi radialis brevis: case report of a symptomatic tear. Skeletal Radiology, 2018, 47, 1705-1708.	1.2	12
130	Detecting stress injury (fatigue fracture) in fibular cortical bone using quantitative ultrashort echo timeâ€magnetization transfer (UTEâ€MT): An ex vivo study. NMR in Biomedicine, 2018, 31, e3994.	1.6	39
131	Feasibility of quantitative ultrashort echo time (UTE)â€based methods for MRI of peripheral nerve. NMR in Biomedicine, 2018, 31, e3948.	1.6	4
132	ACR Appropriateness Criteria Â® Chronic Wrist Pain. Journal of the American College of Radiology, 2018, 15, S39-S55.	0.9	11
133	ACR Appropriateness Criteria Â® Chronic Ankle Pain. Journal of the American College of Radiology, 2018, 15, S26-S38.	0.9	21
134	Nonoperative Management of a Severe Proximal Rectus Femoris Musculotendinous Injury in a Recreational Athlete: A Case Report. PM and R, 2018, 10, 1417-1421.	0.9	7
135	The prognostic and diagnostic value of 18F-FDG PET/CT for assessment of symptomatic osteoarthritis. Nuclear Medicine Communications, 2018, 39, 699-706.	0.5	16
136	Demystifying Poststroke Pain: From Etiology to Treatment. PM and R, 2017, 9, 63-75.	0.9	72
137	Measurement of bound and pore water T₁ relaxation times in cortical bone using three-dimensional ultrashort echo time cones sequences. Magnetic Resonance in Medicine, 2017, 77, 2136-2145.	1.9	40
138	ACR Appropriateness Criteria Â® Stress (Fatigue/Insufficiency) Fracture, Including Sacrum,ÂExcluding Other Vertebrae. Journal of the American College of Radiology, 2017, 14, S293-S306.	0.9	48
139	ACR Appropriateness Criteria Â® Chronic Extremity Joint Painâ€"Suspected Inflammatory Arthritis. Journal of the American College of Radiology, 2017, 14, S81-S89.	0.9	14
140	ACR Appropriateness Criteria Â® OsteoporosisÂandÂBone Mineral Density. Journal of the American College of Radiology, 2017, 14, S189-S202.	0.9	65
141	ACR Appropriateness Criteria Â® Chronic Hip Pain. Journal of the American College of Radiology, 2017, 14, S90-S102.	0.9	16
142	Ankle impingement syndromes: an imaging review. British Journal of Radiology, 2017, 90, 20160735.	1.0	56
143	Threeâ€dimensional ultrashort echo time cones T_{1Ï} (3D) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (U	1.6	37
144	Inversion recovery ultrashort echo time imaging of ultrashort T₂ tissue components in ovine brain at 3ÂT: a sequential D₂O exchange study. NMR in Biomedicine, 2017, 30, e3767.	1.6	19

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145	Ultrashort echo time T2 â^— values decrease in tendons with application of static tensile loads. Journal of Biomechanics, 2017, 61, 160-167.	0.9	15
146	Three-dimensional adiabatic inversion recovery prepared ultrashort echo time cones (3D IR-UTE-Cones) imaging of cortical bone in the hip. Magnetic Resonance Imaging, 2017, 44, 60-64.	1.0	19
147	Delaminating infraspinatus tendon tears with differential retraction: imaging features and surgical relevance. Skeletal Radiology, 2017, 46, 41-50.	1.2	3
148	The â€œflipped classroomâ€• approach: Stimulating positive learning attitudes and improving mastery of histology among medical students. Anatomical Sciences Education, 2017, 10, 317-327.	2.5	67
149	Imaging and quantification of ironâ€•oxide nanoparticles (IONP) using MPâ€•RAGE and UTE based sequences. Magnetic Resonance in Medicine, 2017, 78, 226-232.	1.9	17
150	Knee Fat Pad Volumes in Patients with Hemophilia and Their Relationship with Osteoarthritis. Arthritis, 2017, 2017, 1-8.	2.0	2
151	Improving Trainee Competency and Comfort Level with Needle Driving Using Simulation Training. Pain Medicine, 2016, 17, pnv056.	0.9	11
152	High Failure Rate of a Decellularized Osteochondral Allograft for the Treatment of Cartilage Lesions. American Journal of Sports Medicine, 2016, 44, 2015-2022.	1.9	61
153	Adult Inflammatory Arthritides: What the Radiologist Should Know. Radiographics, 2016, 36, 1849-1870.	1.4	20
154	Solitary subcutaneous sarcoidosis with massive chronic prepatellar bursal involvement. Skeletal Radiology, 2016, 45, 1741-1745.	1.2	6
155	Fast volumetric imaging of bound and pore water in cortical bone using threeâ€•dimensional ultrashortâ€•TE (UTE) and inversion recovery UTE sequences. NMR in Biomedicine, 2016, 29, 1373-1380.	1.6	33
156	Ultrashort echo time magnetization transfer (UTEâ€•MT) imaging and modeling: magic angle independent biomarkers of tissue properties. NMR in Biomedicine, 2016, 29, 1546-1552.	1.6	63
157	MR Parametric Mapping as a Biomarker of Early Joint Degeneration. Sports Health, 2016, 8, 405-411.	1.3	19
158	ACR Appropriateness Criteria Imaging After Shoulder Arthroplasty. Journal of the American College of Radiology, 2016, 13, 1324-1336.	0.9	19
159	Persistent Vascular Remodeling and Leakiness are Important Components of the Pathobiology of Reâ€•bleeding in Hemophilic Joints: Two Informative Cases. Microcirculation, 2016, 23, 373-378.	1.0	21
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