

Christine B Chung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

107
papers

3,516
citations

34
h-index

56
g-index

112
ext. papers

4,065
ext. citations

4.4
avg, IF

5.05
L-index

#	Paper	IF	Citations
107	Correlation between the elastic modulus of anterior cruciate ligament (ACL) and quantitative ultrashort echo time (UTE) magnetic resonance imaging.. <i>Journal of Orthopaedic Research</i> , 2022 ,	3.8	2
106	MRI-based mechanical competence assessment of bone using micro finite element analysis (micro-FEA): Review.. <i>Magnetic Resonance Imaging</i> , 2022 , 88, 9-9	3.3	0
105	Lower Macromolecular Content in Tendons of Female Patients with Osteoporosis versus Patients with Osteopenia Detected by Ultrashort Echo Time (UTE) MRI. <i>Diagnostics</i> , 2022 , 12, 1061	3.8	1
104	Quantitative magnetic resonance imaging of meniscal pathology ex vivo. <i>Skeletal Radiology</i> , 2021 , 50, 2405-2414	2.7	0
103	Initial Experience With Formal Near-Peer Mentoring in Radiology Residency. <i>Current Problems in Diagnostic Radiology</i> , 2021 , 51, 304-304	1.6	0
102	Ultrashort echo time adiabatic T (UTE-Adiab-T) is sensitive to human cadaveric knee joint deformation induced by mechanical loading and unloading. <i>Magnetic Resonance Imaging</i> , 2021 , 80, 98-105	3.3	0
101	Elbow Imaging with an Emphasis on MRI. <i>IDKD Springer Series</i> , 2021 , 23-39	1.1	2
100	Comparison of Radiographic, Ultrasound, and Magnetic Resonance Imaging for the Detection of Retained Stingray Barb: A Cadaveric Study. <i>Wilderness and Environmental Medicine</i> , 2021 , 32, 302-307	1.4	0
99	Diversity and perception of equity and respect in the Society of Skeletal Radiology (SSR). <i>Skeletal Radiology</i> , 2021 , 1	2.7	0
98	Knee Cartilage Imaging. <i>Clinics in Sports Medicine</i> , 2021 , 40, 677-692	2.6	0
97	High-Resolution MRI of the First Metatarsophalangeal Joint: Gross Anatomy and Injury Characterization. <i>Radiographics</i> , 2020 , 40, 1107-1124	5.4	6
96	MR imaging pattern of tibial subchondral bone structure: considerations of meniscal coverage and integrity. <i>Skeletal Radiology</i> , 2020 , 49, 2019-2027	2.7	1
95	Is There a Role for Cartilage Imaging in Athletes?. <i>Seminars in Musculoskeletal Radiology</i> , 2020 , 24, 246-255	2.7	1
94	Standard and Advanced Imaging of Hip Osteoarthritis. What the Radiologist Should Know. <i>Seminars in Musculoskeletal Radiology</i> , 2019 , 23, 289-303	1.8	7
93	Patterns of cartilage degeneration in knees with medial tibiofemoral offset. <i>Skeletal Radiology</i> , 2019 , 48, 931-937	2.7	4
92	Correlation of listhesis on upright radiographs and central lumbar spinal canal stenosis on supine MRI: is it possible to predict lumbar spinal canal stenosis?. <i>Skeletal Radiology</i> , 2018 , 47, 1269-1275	2.7	5
91	Gouty arthritis: Can we avoid unnecessary dual-energy CT examinations using prior radiographs?. <i>PLoS ONE</i> , 2018 , 13, e0200473	3.7	3

90	The Calcaneal Crescent in Patients With and Without Plantar Fasciitis: An Ankle MRI Study. <i>American Journal of Roentgenology</i> , 2018 , 211, 1075-1082	5.4	5
89	Advanced MRI Techniques for the Ankle. <i>American Journal of Roentgenology</i> , 2017 , 209, 511-524	5.4	12
88	Update on MRI Pulse Sequences for the Knee: Imaging of Cartilage, Meniscus, Tendon, and Hardware. <i>Seminars in Musculoskeletal Radiology</i> , 2017 , 21, 45-62	1.8	4
87	Lumbar spine postures in Marines during simulated operational positions. <i>Journal of Orthopaedic Research</i> , 2017 , 35, 2145-2153	3.8	9
86	New Techniques in MR Imaging of the Ankle and Foot. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2017 , 25, 211-225	1.6	10
85	Thickness of the Meniscal Lamellar Layer: Correlation with Indentation Stiffness and Comparison of Normal and Abnormally Thick Layers by Using Multiparametric Ultrashort Echo Time MR Imaging. <i>Radiology</i> , 2016 , 280, 161-8	20.5	8
84	Evaluation of the disco-vertebral junction using ultrashort time-to-echo magnetic resonance imaging: inter-reader agreement and association with vertebral endplate lesions. <i>Skeletal Radiology</i> , 2016 , 45, 1249-56	2.7	8
83	High-resolution morphologic and ultrashort time-to-echo quantitative magnetic resonance imaging of the temporomandibular joint. <i>Skeletal Radiology</i> , 2016 , 45, 383-91	2.7	6
82	MR morphology of triangular fibrocartilage complex: correlation with quantitative MR and biomechanical properties. <i>Skeletal Radiology</i> , 2016 , 45, 447-54	2.7	9
81	Ultrashort time to echo magnetic resonance techniques for the musculoskeletal system. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 731-743	3.6	24
80	Quantitative magnetic resonance imaging of the lumbar intervertebral discs. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 744-755	3.6	16
79	Imaging the Glenoid Labrum and Labral Tears. <i>Radiographics</i> , 2016 , 36, 1628-1647	5.4	27
78	MR imaging findings of trigger thumb. <i>Skeletal Radiology</i> , 2015 , 44, 1201-7	2.7	5
77	Single- and Bi-component T2* analysis of tendon before and during tensile loading, using UTE sequences. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 114-20	5.6	23
76	UTE imaging in the musculoskeletal system. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 870-83	5.6	136
75	Osteochondral Allograft MRI Scoring System (OCAMRISS) in the Knee: Interobserver Agreement and Clinical Application. <i>Cartilage</i> , 2015 , 6, 142-9	3	24
74	Quantitative bi-component T2* analysis of histologically normal Achilles tendons. <i>Muscles, Ligaments and Tendons Journal</i> , 2015 , 5, 58-62	1.9	10
73	UTE MRI of the Osteochondral Junction. <i>Current Radiology Reports</i> , 2014 , 2, 35	0.5	20

72	MR imaging of extrasynovial inflammation and impingement about the knee. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014 , 22, 725-41	1.6	23
71	Posterolateral and posteromedial corner injuries of the knee. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014 , 22, 581-99	1.6	9
70	Magnetic resonance imaging assessed cortical porosity is highly correlated with μ CT porosity. <i>Bone</i> , 2014 , 66, 56-61	4.7	24
69	Medial supracondylar stress fracture in an adolescent pitcher/. <i>Skeletal Radiology</i> , 2014 , 43, 85-8	2.7	3
68	Quantitative 3D ultrashort time-to-echo (UTE) MRI and micro-CT (μ CT) evaluation of the temporomandibular joint (TMJ) condylar morphology. <i>Skeletal Radiology</i> , 2014 , 43, 19-25	2.7	19
67	Humeral avulsions of the inferior glenohumeral ligament complex involving the axillary pouch in professional baseball players. <i>Skeletal Radiology</i> , 2014 , 43, 35-41	2.7	9
66	Morphologic characterization of meniscal root ligaments in the human knee with magnetic resonance microscopy at 11.7 and 3 T. <i>Skeletal Radiology</i> , 2014 , 43, 1395-402	2.7	4
65	The shiny corner of the knee: a sign of meniscal osteochondral unit dysfunction. <i>Skeletal Radiology</i> , 2014 , 43, 1403-9	2.7	9
64	Acute short radiolunate ligament rupture in a rock climber. <i>Skeletal Radiology</i> , 2014 , 43, 235-8	2.7	1
63	Sensitivity of quantitative UTE MRI to the biomechanical property of the temporomandibular joint disc. <i>Skeletal Radiology</i> , 2014 , 43, 1217-23	2.7	5
62	Prevalence of sternoclavicular joint calcium pyrophosphate dihydrate crystal deposition on computed tomography. <i>Clinical Imaging</i> , 2014 , 38, 380-383	2.7	14
61	Bipartite Medial Cuneiform: Case Report and Retrospective Review of 1000 Magnetic Resonance (MR) Imaging Studies. <i>Case Reports in Medicine</i> , 2014 , 2014, 130979	0.7	3
60	Effects of Achilles tendon immersion in saline and perfluorochemicals on T2 and T2*. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 40, 496-500	5.6	23
59	The effect of excitation and preparation pulses on nonslice selective 2D UTE bicomponent analysis of bound and free water in cortical bone at 3T. <i>Medical Physics</i> , 2014 , 41, 022306	4.4	6
58	Development of a Comprehensive Osteochondral Allograft MRI Scoring System (OCAMRISS) with Histopathologic, Micro-Computed Tomography, and Biomechanical Validation. <i>Cartilage</i> , 2014 , 5, 16-27	3	36
57	Effects of repetitive freeze-thawing cycles on T2 and T2 of the Achilles tendon. <i>European Journal of Radiology</i> , 2014 , 83, 349-53	4.7	22
56	Morphology of the cartilaginous endplates in human intervertebral disks with ultrashort echo time MR imaging. <i>Radiology</i> , 2013 , 266, 564-74	20.5	43
55	Ultrashort echo time spectroscopic imaging (UTESI): an efficient method for quantifying bound and free water. <i>NMR in Biomedicine</i> , 2012 , 25, 161-8	4.4	83

54	Ultrashort echo time imaging with bicomponent analysis. <i>Magnetic Resonance in Medicine</i> , 2012 , 67, 645-94	9.4	96
53	Quantitative ultrashort echo time (UTE) MRI of human cortical bone: correlation with porosity and biomechanical properties. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 848-57	6.3	119
52	Meniscal calcifications: morphologic and quantitative evaluation by using 2D inversion-recovery ultrashort echo time and 3D ultrashort echo time 3.0-T MR imaging techniques--feasibility study. <i>Radiology</i> , 2012 , 264, 260-8	20.5	19
51	Ultrashort-echo time MR imaging of the patella with bicomponent analysis: correlation with histopathologic and polarized light microscopic findings. <i>Radiology</i> , 2012 , 264, 484-93	20.5	57
50	Short T2 contrast with three-dimensional ultrashort echo time imaging. <i>Magnetic Resonance Imaging</i> , 2011 , 29, 470-82	3.3	100
49	Glenohumeral joint instability. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 33, 2-16	5.6	25
48	Optimizing MR signal contrast of the temporomandibular joint disk. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 34, 1458-64	5.6	6
47	Comparison of T1rho measurements in agarose phantoms and human patellar cartilage using 2D multislice spiral and 3D magnetization prepared partitioned k-space spoiled gradient-echo snapshot techniques at 3 T. <i>American Journal of Roentgenology</i> , 2011 , 196, W174-9	5.4	17
46	Magnetic resonance imaging of the temporomandibular joint disc: feasibility of novel quantitative magnetic resonance evaluation using histologic and biomechanical reference standards. <i>Journal of Orofacial Pain</i> , 2011 , 25, 345-53		14
45	Conventional and ultrashort time-to-echo magnetic resonance imaging of articular cartilage, meniscus, and intervertebral disk. <i>Topics in Magnetic Resonance Imaging</i> , 2010 , 21, 275-89	2.3	44
44	Ultrashort echo time MR imaging of osteochondral junction of the knee at 3 T: identification of anatomic structures contributing to signal intensity. <i>Radiology</i> , 2010 , 254, 837-45	20.5	81
43	A quantitative approach to sequence and image weighting. <i>Journal of Computer Assisted Tomography</i> , 2010 , 34, 317-31	2.2	11
42	Qualitative and quantitative ultrashort echo time (UTE) imaging of cortical bone. <i>Journal of Magnetic Resonance</i> , 2010 , 207, 304-11	3	168
41	Dual inversion recovery, ultrashort echo time (DIR UTE) imaging: creating high contrast for short-T(2) species. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 447-55	4.4	65
40	Ultrashort TE T1rho (UTE T1rho) imaging of the Achilles tendon and meniscus. <i>Magnetic Resonance in Medicine</i> , 2010 , 64, 834-42	4.4	61
39	Orientalional analysis of the Achilles tendon and enthesis using an ultrashort echo time spectroscopic imaging sequence. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 178-84	3.3	39
38	Quantitative characterization of the Achilles tendon in cadaveric specimens: T1 and T2* measurements using ultrashort-TE MRI at 3 T. <i>American Journal of Roentgenology</i> , 2009 , 192, W117-24	5.4	64
37	MR imaging of synovial disorders of the knee. <i>Seminars in Musculoskeletal Radiology</i> , 2009 , 13, 303-25	1.8	18

36	Ultrashort TE spectroscopic imaging (UTESI): application to the imaging of short T2 relaxation tissues in the musculoskeletal system. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 412-21	5.6	65
35	Ultrashort TE imaging with off-resonance saturation contrast (UTE-OSC). <i>Magnetic Resonance in Medicine</i> , 2009 , 62, 527-31	4.4	38
34	Magic angle effect in magnetic resonance imaging of the Achilles tendon and enthesis. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 557-64	3.3	57
33	Magnetic resonance imaging of short T2 relaxation components in the musculoskeletal system. <i>Skeletal Radiology</i> , 2009 , 38, 201-5	2.7	16
32	Imaging of lower limb cartilage. <i>Topics in Magnetic Resonance Imaging</i> , 2009 , 20, 189-201	2.3	6
31	SLAP lesions: anatomy, clinical presentation, MR imaging diagnosis and characterization. <i>European Journal of Radiology</i> , 2008 , 68, 72-87	4.7	84
30	Miscellaneous conditions of the shoulder: anatomical, clinical, and pictorial review emphasizing potential pitfalls in imaging diagnosis. <i>European Journal of Radiology</i> , 2008 , 68, 88-105	4.7	11
29	The patellar extensor apparatus of the knee. <i>Pediatric Radiology</i> , 2008 , 38, 925-35	2.8	26
28	Two-dimensional ultrashort echo time imaging using a spiral trajectory. <i>Magnetic Resonance Imaging</i> , 2008 , 26, 304-12	3.3	53
27	Ultrashort echo time spectroscopic imaging (UTESI) of cortical bone. <i>Magnetic Resonance in Medicine</i> , 2007 , 58, 1001-9	4.4	72
26	Pellegrini-Stieda disease: a heterogeneous disorder not synonymous with ossification/calcification of the tibial collateral ligament-anatomic and imaging investigation. <i>Skeletal Radiology</i> , 2006 , 35, 916-22 ^{2.7}		32
25	MR imaging of the rotator cuff interval. <i>Radiologic Clinics of North America</i> , 2006 , 44, 525-36, viii	2.3	10
24	Osseous lesions of the pelvis and long tubular bones containing both fat and fluid-like signal intensity: an analysis of 28 patients. <i>European Journal of Radiology</i> , 2005 , 53, 103-9	4.7	9
23	MR imaging of the hip abductors: normal anatomy and commonly encountered pathology at the greater trochanter. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2005 , 13, 691-704, vii	1.6	68
22	MR arthrography of the knee: how, why, when. <i>Radiologic Clinics of North America</i> , 2005 , 43, 733-46, viii-ix.3		28
21	Magnetic resonance imaging of elbow instability. <i>Seminars in Musculoskeletal Radiology</i> , 2005 , 9, 67-76	1.8	7
20	Meniscal tears: role of axial MRI alone and in combination with other imaging planes. <i>American Journal of Roentgenology</i> , 2004 , 183, 9-15	5.4	48
19	Humeral avulsion of the posterior band of the inferior glenohumeral ligament: MR arthrography and clinical correlation in 17 patients. <i>American Journal of Roentgenology</i> , 2004 , 183, 355-9	5.4	51

18	End plate marrow changes in the asymptomatic lumbosacral spine: frequency, distribution and correlation with age and degenerative changes. <i>Skeletal Radiology</i> , 2004 , 33, 399-404	2.7	74
17	MR imaging of tendon abnormalities of the elbow. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2004 , 12, 233-45, vi	1.6	18
16	MR arthrography of the shoulder. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2004 , 12, 25-38, v-vi	1.6	19
15	MR imaging of the rotator cuff interval. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2004 , 12, 61-73, vi	1.6	11
14	Calcific tendinosis and periarthritits: classic magnetic resonance imaging appearance and associated findings. <i>Journal of Computer Assisted Tomography</i> , 2004 , 28, 390-6	2.2	29
13	Superior labral anteroposterior tear: classification and diagnosis on MRI and MR arthrography. <i>American Journal of Roentgenology</i> , 2003 , 181, 1449-62	5.4	118
12	Complications of anterior cruciate ligament reconstruction: MR imaging. <i>European Radiology</i> , 2003 , 13, 1106-17	8	78
11	Tophaceous gout in an amputation stump in a patient with chronic myelogenous leukemia. <i>Skeletal Radiology</i> , 2003 , 32, 429-31	2.7	5
10	Sports injuries of the elbow. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2003 , 11, 239-53	1.6	11
9	Tennis leg: clinical US study of 141 patients and anatomic investigation of four cadavers with MR imaging and US. <i>Radiology</i> , 2002 , 224, 112-9	20.5	165
8	Straight and rotational instability patterns of the knee: concepts and magnetic resonance imaging. <i>Radiologic Clinics of North America</i> , 2002 , 40, 203-16	2.3	8
7	Patellar tendon-lateral femoral condyle friction syndrome: MR imaging in 42 patients. <i>Skeletal Radiology</i> , 2001 , 30, 694-7	2.7	85
6	What happens to the triangular fibrocartilage complex during pronation and supination of the forearm? Analysis of its morphology and diagnostic assessment with MR arthrography. <i>Skeletal Radiology</i> , 2001 , 30, 677-85	2.7	42
5	Pathogenesis of the Segond fracture: anatomic and MR imaging evidence of an iliotibial tract or anterior oblique band avulsion. <i>Radiology</i> , 2001 , 219, 381-6	20.5	217
4	MR arthrography of the glenohumeral joint: a tailored approach. <i>American Journal of Roentgenology</i> , 2001 , 177, 217-9	5.4	77
3	Magnetic resonance imaging of the upper extremity: advances in technique and application. <i>Clinical Orthopaedics and Related Research</i> , 2001 , 162-74	2.2	10
2	Rotator cuff interval: evaluation with MR imaging and MR arthrography of the shoulder in 32 cadavers. <i>Journal of Computer Assisted Tomography</i> , 2000 , 24, 738-43	2.2	58
1	Carpal tunnel syndrome caused by tophaceous gout: CT and MR imaging features in 20 patients. <i>American Journal of Roentgenology</i> , 2000 , 175, 655-9	5.4	80

