

Jacob L Jaremko

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

3,560
citations

136885

32
h-index

182361

51
g-index

140
all docs

140
docs citations

140
times ranked

3615
citing authors

#	ARTICLE	IF	CITATIONS
1	Blurring and Irregularity of the Subchondral Cortex in Pediatric Sacroiliac Joints on T1-Weighted MRI Images: Incidence of Normal Findings That Can Mimic Erosions. <i>Arthritis Care and Research</i> , 2023, 75, 190-197.	1.5	9
2	Discrete Choice Experiment on a Magnetic Resonance Imaging Scoring System for Temporomandibular Joints in Juvenile Idiopathic Arthritis. <i>Arthritis Care and Research</i> , 2022, 74, 308-316.	1.5	9
3	Health-Related Outcomes 3-15 Years Following Ankle Sprain Injury in Youth Sport: What Does the Future Hold?. <i>Foot and Ankle International</i> , 2022, 43, 21-31.	1.1	7
4	Metaphyseal and posterior rib fractures in osteogenesis imperfecta: Case report and review of the literature. <i>Bone Reports</i> , 2022, 16, 101171.	0.2	0
5	Improved-Mask R-CNN: Towards an accurate generic MSK MRI instance segmentation platform (data). <i>arXiv preprint arXiv:2208.14314</i> , 2022.	3.5	13
6	Can AI Automatically Assess Scan Quality of Hip Ultrasound?. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4072.	1.3	0
7	Concurrent validity and reliability of a semi-automated approach to measuring the magnetic resonance imaging morphology of the knee joint in active youth. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2022, 236, 1023-1035.	1.0	1
8	Wrist Ultrasound Segmentation by Deep Learning. <i>Lecture Notes in Computer Science</i> , 2022, , 230-237.	1.0	4
9	Toward Developing a Semiquantitative Whole Body-MRI Scoring for Juvenile Idiopathic Arthritis: Critical Appraisal of the State of the Art, Challenges, and Opportunities. <i>Academic Radiology</i> , 2021, 28, 271-286.	1.3	14
10	Development of a technique for MRI gold-standard direct volumetric measurement of complex joint effusion, and validation at the hip. <i>Skeletal Radiology</i> , 2021, 50, 781-787.	1.2	1
11	MRI-based Synthetic CT in the Detection of Structural Lesions in Patients with Suspected Sacroiliitis: Comparison with MRI. <i>Radiology</i> , 2021, 298, 343-349.	3.6	80
12	Development and application of the average pelvic shape in virtual pelvic fracture reconstruction. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2199.	1.2	8
13	Normal subchondral high T2 signal on MRI mimicking sacroiliitis in children: frequency, age distribution, and relationship to skeletal maturity. <i>European Radiology</i> , 2021, 31, 3498-3507.	2.3	20
14	Quantitative analysis of regional specific pelvic symmetry. <i>Medical and Biological Engineering and Computing</i> , 2021, 59, 369-381.	1.6	2
15	Automated detection of pneumonia in lung ultrasound using deep video classification for COVID-19. <i>Informatics in Medicine Unlocked</i> , 2021, 25, 100687.	1.9	12
16	Impact of scan quality on AI assessment of hip dysplasia ultrasound. <i>Journal of Ultrasound</i> , 2021, , 1.	0.7	9
17	Diagnostic Accuracy of 3D Ultrasound and Artificial Intelligence for Detection of Pediatric Wrist Injuries. <i>Children</i> , 2021, 8, 431.	0.6	13
18	Volumetric quantitative measurement of hip effusions by manual versus automated artificial intelligence techniques: An OMERACT preliminary validation study. <i>Seminars in Arthritis and Rheumatism</i> , 2021, 51, 623-626.	1.6	6

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19	Artificial Intelligence to Automatically Assess Scan Quality in Hip Ultrasound. Indian Journal of Orthopaedics, 2021, 55, 1535-1542.	0.5	3
20	Arthritis and enthesitis in the hip and pelvis region in spondyloarthritis - OMERACT validation of two whole-body MRI methods. Seminars in Arthritis and Rheumatism, 2021, 51, 940-945.	1.6	6
21	Consensus-driven conceptual development of a standardized whole body-MRI scoring system for assessment of disease activity in juvenile idiopathic arthritis: MRI in JIA OMERACT working group. Seminars in Arthritis and Rheumatism, 2021, 51, 1350-1359.	1.6	15
22	The OMERACT Knee Inflammation MRI Scoring System: Validation of quantitative methodologies and tri-compartmental overlays in osteoarthritis. Seminars in Arthritis and Rheumatism, 2021, 51, 925-928.	1.6	4
23	Joint and enthesal inflammation in the knee region in spondyloarthritis - reliability and responsiveness of two OMERACT whole-body MRI scores. Seminars in Arthritis and Rheumatism, 2021, 51, 933-939.	1.6	4
24	Assessing the Reliability of the OMERACT Juvenile Idiopathic Arthritis Magnetic Resonance Scoring System for Temporomandibular Joints (JAMRIS-TMJ). Journal of Clinical Medicine, 2021, 10, 4047.	1.0	12
25	Magnetic resonance imaging findings in the normal pediatric sacroiliac joint space that can simulate disease. Pediatric Radiology, 2021, 51, 2530-2538.	1.1	4
26	Reliability of the Preliminary OMERACT Juvenile Idiopathic Arthritis MRI Score (OMERACT JAMRIS-SIJ). Journal of Clinical Medicine, 2021, 10, 4564.	1.0	6
27	Narrative Review on the Role of Imaging in DDH. Indian Journal of Orthopaedics, 2021, 55, 1456-1465.	0.5	7
28	Pediatric Imaging of the Elbow: A Pictorial Review. Seminars in Musculoskeletal Radiology, 2021, 25, 558-565.	0.4	0
29	MRI Knee Domain Translation for Unsupervised Segmentation By CycleGAN (data from Osteoarthritis) Tj ETQq1 1 0.784314 rgBT /Overl		
30	Automatic Assessment Of Hip Effusion From MRI. , 2021, 2021, 3044-3048.		1
31	The Accuracy of Prevalent Vertebral Fracture Detection in Children Using Targeted Caseâ€Finding Approaches. Journal of Bone and Mineral Research, 2020, 35, 460-468.	3.1	8
32	Coronal Flexion Versus Coronal Neutral Sonographic Views in Infantile DDH: An Important Source of Variability. Journal of Pediatric Orthopaedics, 2020, 40, e440-e445.	0.6	2
33	Investigation of pelvic symmetry using CAD software. Medical and Biological Engineering and Computing, 2020, 58, 75-82.	1.6	16
34	Analysis of four methods of measuring three-dimensional pelvic tilt in the lateral decubitus position. Medical and Biological Engineering and Computing, 2020, 58, 2387-2396.	1.6	0
35	Diagnostic performance for erosion detection in sacroiliac joints on MR T1-weighted images: Comparison between different slice thicknesses. European Journal of Radiology, 2020, 133, 109352.	1.2	8
36	Imaging assessment of children presenting with suspected or known juvenile idiopathic arthritis: ESR-ESPR points to consider. European Radiology, 2020, 30, 5237-5249.	2.3	39

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37	Toward an Improved Wrist View: Qualitative and Quantitative Investigation of the 20° Axial Lateral Wrist X-Ray. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2020, 51, 280-288.	0.2	2
38	Normal hip joint fluid volumes in healthy children of different ages, based on MRI volumetric quantitative measurement. <i>Pediatric Radiology</i> , 2020, 50, 1587-1593.	1.1	2
39	Automated thyroid nodule detection from ultrasound imaging using deep convolutional neural networks. <i>Computers in Biology and Medicine</i> , 2020, 122, 103871.	3.9	59
40	Bone marrow edema in sacroiliitis: detection with dual-energy CT. <i>European Radiology</i> , 2020, 30, 3393-3400.	2.3	25
41	Low back pain and radiographic severity as predictors in hip osteoarthritis patients receiving steroid injection therapy. <i>HIP International</i> , 2020, 30, 187-194.	0.9	3
42	Virtual reconstruction of unilateral pelvic fractures by using pelvic symmetry. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1267-1277.	1.7	15
43	The Accuracy of Incident Vertebral Fracture Detection in Children Using Targeted Case-Finding Approaches. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1255-1268.	3.1	3
44	A Validated Risk Prediction Model for Bone Fragility in Children With Acute Lymphoblastic Leukemia. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 2290-2299.	3.1	5
45	MRI of the axial skeleton in spondyloarthritis: the many faces of new bone formation. <i>Insights Into Imaging</i> , 2019, 10, 67.	1.6	8
46	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Journal of the American College of Radiology</i> , 2019, 16, 1516-1521.	0.9	48
47	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Canadian Association of Radiologists Journal</i> , 2019, 70, 329-334.	1.1	81
48	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Radiology</i> , 2019, 293, 436-440.	3.6	203
49	The OMERACT MRI in Enthesitis Initiative: Definitions of Key Pathologies, Suggested MRI Sequences, and a Novel Heel Enthesitis Scoring System. <i>Journal of Rheumatology</i> , 2019, 46, 1232-1238.	1.0	37
50	Hip Inflammatory Conditions: A Practical Differential Diagnosis Algorithmic Approach in Adults and Children. <i>Seminars in Musculoskeletal Radiology</i> , 2019, 23, e1-e16.	0.4	0
51	Diagnostic Accuracy of MRI-Based Sacroiliitis Scoring Systems: A Systematic Review. <i>American Journal of Roentgenology</i> , 2019, 212, 1112-1125.	1.0	11
52	Canadian Association of Radiologists White Paper on Ethical and Legal Issues Related to Artificial Intelligence in Radiology. <i>Canadian Association of Radiologists Journal</i> , 2019, 70, 107-118.	1.1	118
53	Preliminary Definitions for Sacroiliac Joint Pathologies in the OMERACT Juvenile Idiopathic Arthritis Magnetic Resonance Imaging Score (OMERACT JAMRIS-SIJ). <i>Journal of Rheumatology</i> , 2019, 46, 1192-1197.	1.0	23
54	OMERACT Hip Inflammation Magnetic Resonance Imaging Scoring System (HIMRISS) Assessment in Longitudinal Study. <i>Journal of Rheumatology</i> , 2019, 46, 1239-1242.	1.0	7

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55	Development and Validation of an OMERACT MRI Whole-Body Score for Inflammation in Peripheral Joints and Entheses in Inflammatory Arthritis (MRI-WIPE). <i>Journal of Rheumatology</i> , 2019, 46, 1215-1221.	1.0	35
56	Reliability of 2D and 3D ultrasound for infant hip dysplasia in the hands of novice users. <i>European Radiology</i> , 2019, 29, 1489-1495.	2.3	29
57	Health-related Outcomes after a Youth Sport-related Knee Injury. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 255-263.	0.2	38
58	Prediction of mechanical behavior of cartilaginous infant hips in pavlik harness: A subject-specific simulation study on normal and dysplastic hips. <i>Journal of Orthopaedic Research</i> , 2019, 37, 655-664.	1.2	4
59	Diagnostic ultrasound assessment of temporomandibular joints: a systematic review and meta-analysis. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20180144.	1.3	21
60	Ethics of artificial intelligence in radiology: summary of the joint European and North American multisociety statement. <i>Insights Into Imaging</i> , 2019, 10, 101.	1.6	61
61	Preliminary Definitions for Sacroiliac Joint Pathologies in the OMERACT Juvenile Idiopathic Arthritis MRI Score (OMERACT JAMRIS-II). <i>FASEB Journal</i> , 2019, 33, 453.8.	0.2	0
62	Developmental Hip Dysplasia Diagnosis at Three-dimensional US: A Multicenter Study. <i>Radiology</i> , 2018, 287, 1003-1015.	3.6	25
63	Canadian Association of Radiologists White Paper on Artificial Intelligence in Radiology. <i>Canadian Association of Radiologists Journal</i> , 2018, 69, 120-135.	1.1	349
64	6â€¦The consequences of knee joint injury in youth sport. , 2018, , .		0
65	Association between MRI-defined osteoarthritis, pain, function and strength 3â€¦10 years following knee joint injury in youth sport. <i>British Journal of Sports Medicine</i> , 2018, 52, 934-939.	3.1	48
66	Hip Inflammation MRI Scoring System (HIMRISS) to predict response to hyaluronic acid injection in hip osteoarthritis. <i>Joint Bone Spine</i> , 2018, 85, 475-480.	0.8	17
67	New bone formation in the intervertebral joint space in spondyloarthritis: An MRI study. <i>European Journal of Radiology</i> , 2018, 109, 210-217.	1.2	4
68	Magnetic Resonance Imaging in Rheumatology. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2018, 26, 599-613.	0.6	7
69	Bone Morbidity and Recovery in Children With Acute Lymphoblastic Leukemia: Results of a Six-Year Prospective Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1435-1443.	3.1	79
70	End-to-end detection-segmentation network with ROI convolution. , 2018, , .		13
71	Radiographs in screening for sacroiliitis in children: what is the value?. <i>Arthritis Research and Therapy</i> , 2018, 20, 141.	1.6	19
72	Feasibility and reliability of the Spondyloarthritis Research Consortium of Canada sacroiliac joint inflammation score in children. <i>Arthritis Research and Therapy</i> , 2018, 20, 56.	1.6	25

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73	Hip Joint Contact Pressure Distribution During Pavlik Harness Treatment of an Infant Hip: A Patient-Specific Finite Element Model. <i>Journal of Biomechanical Engineering</i> , 2018, 140, .	0.6	6
74	Segmentation-by-detection: A cascade network for volumetric medical image segmentation. , 2018, , .		23
75	Ultrasound-guided spinal stereotactic system for intraspinal implants. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 292-305.	0.9	18
76	Feasibility and Reliability of the Spondyloarthritis Research Consortium of Canada Sacroiliac Joint Structural Score in Children. <i>Journal of Rheumatology</i> , 2018, 45, 1411-1417.	1.0	22
77	Semiautomatic classification of acetabular shape from three-dimensional ultrasound for diagnosis of infant hip dysplasia using geometric features. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 439-447.	1.7	11
78	Three-dimensional morphological changes of the temporomandibular joint and functional effects after mandibulotomy. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2017, 46, 8.	0.9	10
79	Preliminary validation of the Knee Inflammation MRI Scoring System (KIMRISS) for grading bone marrow lesions in osteoarthritis of the knee: data from the Osteoarthritis Initiative. <i>RMD Open</i> , 2017, 3, e000355.	1.8	24
80	Validation of a Knowledge Transfer Tool for the Knee Inflammation MRI Scoring System for Bone Marrow Lesions According to the OMERACT Filter: Data from the Osteoarthritis Initiative. <i>Journal of Rheumatology</i> , 2017, 44, 1718-1722.	1.0	9
81	MRI-based hip cartilage measures in osteoarthritic and non-osteoarthritic individuals: a systematic review. <i>RMD Open</i> , 2017, 3, e000358.	1.8	4
82	Update on Pediatric Hip Imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2017, 21, 561-581.	0.4	8
83	Validation of a Knowledge Transfer Tool According to the OMERACT Filter: Does Web-based Real-time Iterative Calibration Enhance the Evaluation of Bone Marrow Lesions in Hip Osteoarthritis?. <i>Journal of Rheumatology</i> , 2017, 44, 1713-1717.	1.0	8
84	Toward automatic diagnosis of hip dysplasia from 2D ultrasound. , 2017, , .		11
85	Usefulness of MRI-CBCT image registration in the evaluation of temporomandibular joint internal derangement by novice examiners. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 123, 249-256.	0.2	15
86	Finite element analysis of mechanical behavior of human dysplastic hip joints: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 438-447.	0.6	29
87	Multi-dimensional low rank plus sparse decomposition for reconstruction of under-sampled dynamic MRI. <i>Pattern Recognition</i> , 2017, 63, 667-679.	5.1	43
88	Three-Dimensional Assessment of Temporomandibular Joint Using MRI-CBCT Image Registration. <i>PLoS ONE</i> , 2017, 12, e0169555.	1.1	16
89	Normal Values and Variation of Radiographic and CT Infant Lateral Iliac Wall Angles in Normal and Dysplastic Hips. <i>HIP International</i> , 2016, 26, 602-607.	0.9	2
90	Effects of inter-individual lumbar spine geometry variation on load-sharing: Geometrically personalized Finite Element study. <i>Journal of Biomechanics</i> , 2016, 49, 2909-2917.	0.9	41

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91	A Validation Study of a Novel 3-Dimensional MRI Modeling Technique to Identify the Anatomic Insertions of the Anterior Cruciate Ligament. <i>Orthopaedic Journal of Sports Medicine</i> , 2016, 4, 232596711667379.	0.8	7
92	Dynamic MRI reconstruction using low rank plus sparse tensor decomposition. , 2016, , .		10
93	Cross-Modality Validation of Acetabular Surface Models Using 3-D Ultrasound Versus Magnetic Resonance Imaging in Normal and Dysplastic Infant Hips. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2308-2314.	0.7	8
94	Toward automated classification of acetabular shape in ultrasound for diagnosis of DDH: Contour alpha angle and the rounding index. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 129, 89-98.	2.6	26
95	MRI and CBCT image registration of temporomandibular joint: a systematic review. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2016, 45, 30.	0.9	53
96	Development of Image Overlay and Knowledge Transfer Module Technologies Aimed at Enhancing Feasibility and External Validation of Magnetic Resonance Imaging-based Scoring Systems. <i>Journal of Rheumatology</i> , 2016, 43, 223-231.	1.0	7
97	MRI alone versus MRI-CBCT registered images to evaluate temporomandibular joint internal derangement. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 122, 638-645.	0.2	12
98	Magnetic Resonance Imaging in Patients with Mechanical Low Back Pain Using a Novel Rapid-Acquisition Three-Dimensional SPACE Sequence at 1.5-T: A Pilot Study Comparing Lumbar Stenosis Assessment with Routine Two-Dimensional Magnetic Resonance Sequences. <i>Canadian Association of Radiologists Journal</i> , 2016, 67, 368-378.	1.1	6
99	Radiographic sclerotic contour loss in the identification of glenoid bone loss. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2167-2173.	2.3	2
100	Accuracy of magnetic resonance imagingâ€™ cone beam computed tomography rigid registration of the head: an in-vitro study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 316-321.	0.2	12
101	The Radiology of Vertebral Fractures in Childhood Osteoporosis Related to Glucocorticoid Administration. <i>Journal of Clinical Densitometry</i> , 2016, 19, 81-88.	0.5	16
102	An index for diagnosing infant hip dysplasia using 3-D ultrasound: the acetabular contact angle. <i>Pediatric Radiology</i> , 2016, 46, 1023-1031.	1.1	18
103	A technique for semiautomatic segmentation of echogenic structures in 3D ultrasound, applied to infant hip dysplasia. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 31-42.	1.7	30
104	Development and Preliminary Validation of a Digital Overlay-based Learning Module for Semiquantitative Evaluation of Magnetic Resonance Imaging Lesions in Osteoarthritis of the Hip. <i>Journal of Rheumatology</i> , 2016, 43, 232-238.	1.0	14
105	On the load-sharing along the ligamentous lumbosacral spine in flexed and extended postures: Finite element study. <i>Journal of Biomechanics</i> , 2016, 49, 974-982.	0.9	52
106	Diagnostic Value of MRI of the Sacroiliac Joints in Juvenile Spondyloarthritis. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 95.	0.2	6
107	Incident Vertebral Fractures and Risk Factors in the First Three Years Following Glucocorticoid Initiation Among Pediatric Patients With Rheumatic Disorders. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1667-1675.	3.1	94
108	Common normal variants of pediatric vertebral development that mimic fractures: a pictorial review from a national longitudinal bone health study. <i>Pediatric Radiology</i> , 2015, 45, 593-605.	1.1	49

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109	Incident Vertebral Fractures in Children With Leukemia During the Four Years Following Diagnosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3408-3417.	1.8	93
110	Reproducibility of Acetabular Landmarks and a Standardized Coordinate System Obtained from 3D Hip Ultrasound. <i>Ultrasonic Imaging</i> , 2015, 37, 267-276.	1.4	13
111	Ultrasound Quantification of Acetabular Rounding in Hip Dysplasia: Reliability and Correlation to Treatment Decisions in a Retrospective Study. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 56-63.	0.7	7
112	Reliability of 3D localisation of ACL attachments on MRI: comparison using multi-planar 2D versus high-resolution 3D base sequences. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1206-1214.	2.3	14
113	Real-Time Visualization of Joint Cavitation. <i>PLoS ONE</i> , 2015, 10, e0119470.	1.1	46
114	Methodologies for Semiquantitative Evaluation of Hip Osteoarthritis by Magnetic Resonance Imaging: Approaches Based on the Whole Organ and Focused on Active Lesions. <i>Journal of Rheumatology</i> , 2014, 41, 359-369.	1.0	26
115	Reliability of Indices Measured on Infant Hip MRI at Time of Spica Cast Application for Dysplasia. <i>HIP International</i> , 2014, 24, 405-416.	0.9	22
116	Potential for Change in US Diagnosis of Hip Dysplasia Solely Caused by Changes in Probe Orientation: Patterns of Alpha-angle Variation Revealed by Using Three-dimensional US. <i>Radiology</i> , 2014, 273, 870-878.	3.6	59
117	Novel imaging modalities in spondyloarthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2014, 28, 729-745.	1.4	2
118	MRI Anatomy of the Tibial ACL Attachment and Proximal Epiphysis in a Large Population of Skeletally Immature Knees. <i>American Journal of Sports Medicine</i> , 2014, 42, 1644-1651.	1.9	19
119	Meniscal Injury After Adolescent Anterior Cruciate Ligament Injury: How Long Are Patients at Risk?. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 990-997.	0.7	63
120	MRI of the SI joints commonly shows non-inflammatory disease in patients clinically suspected of sacroiliitis. <i>European Journal of Radiology</i> , 2014, 83, 179-184.	1.2	53
121	Development and reliability of a multi-modality scoring system for evaluation of disease progression in pre-clinical models of osteoarthritis: celecoxib may possess disease-modifying properties. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1639-1650.	0.6	37
122	Doppler Ultrasound Velocities and Resistive Indexes Immediately After Pediatric Liver Transplantation: Normal Ranges and Predictors of Failure. <i>American Journal of Roentgenology</i> , 2014, 203, W110-W116.	1.0	28
123	Diagnostic Utility of Magnetic Resonance Imaging and Radiography in Juvenile Spondyloarthritis: Evaluation of the Sacroiliac Joints in Controls and Affected Subjects. <i>Journal of Rheumatology</i> , 2014, 41, 963-970.	1.0	60
124	Preliminary Validation of 2 Magnetic Resonance Image Scoring Systems for Osteoarthritis of the Hip According to the OMERACT Filter. <i>Journal of Rheumatology</i> , 2014, 41, 370-378.	1.0	29
125	Spectrum of injuries associated with paediatric ACL tears: an MRI pictorial review. <i>Insights Into Imaging</i> , 2013, 4, 273-285.	1.6	12
126	How specific is the MRI appearance of supratentorial atypical teratoid rhabdoid tumors?. <i>Pediatric Radiology</i> , 2013, 43, 347-354.	1.1	25

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127	Advanced Imaging of the Axial Skeleton in Spondyloarthropathy: Techniques, Interpretation, and Utility. <i>Seminars in Musculoskeletal Radiology</i> , 2012, 16, 389-400.	0.4	13
128	MR imaging findings and MR criteria for instability in osteochondritis dissecans of the elbow in children. <i>European Journal of Radiology</i> , 2012, 81, 1306-1310.	1.2	56
129	Whole-body MRI in neurofibromatosis: incidental findings and prevalence of scoliosis. <i>Skeletal Radiology</i> , 2012, 41, 917-923.	1.2	28
130	Incidence and Significance of Inconclusive Results in Ultrasound for Appendicitis in Children and Teenagers. <i>Canadian Association of Radiologists Journal</i> , 2011, 62, 197-202.	1.1	28
131	Patterns of complications of neonatal and infant meningitis on MRI by organism: A 10 year review. <i>European Journal of Radiology</i> , 2011, 80, 821-827.	1.2	34
132	Radiographic Assessment of Bone Remodelling in Slipped Upper Femoral Epiphyses Using Klein's Line and the \pm Angle of Femoral-Acetabular Impingement. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, 153-158.	0.6	25
133	MRI differentiates femoral condylar ossification evolution from osteochondritis dissecans. A new sign. <i>European Radiology</i> , 2011, 21, 1170-1179.	2.3	34
134	Evolution of Femoral Condylar Ossification at MR Imaging: Frequency and Patient Age Distribution. <i>Radiology</i> , 2011, 258, 880-888.	3.6	52
135	Accuracy and reliability of MRI vs. laboratory measurements in an ex vivo porcine model of arthritic cartilage loss. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 992-1000.	1.9	6
136	Reliability of an efficient MRI-based method for estimation of knee cartilage volume using surface registration. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 914-922.	0.6	33
137	Comparison of Cobb Angles Measured Manually, Calculated from 3-D Spinal Reconstruction, and Estimated from Torso Asymmetry. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2002, 5, 277-281.	0.9	14
138	Genetic Algorithm and Neural Network Estimation of Cobb Angle from Torso Asymmetry in Scoliosis. <i>Journal of Biomechanical Engineering</i> , 2002, 124, 496-503.	0.6	31
139	Indices of torso asymmetry related to spinal deformity in scoliosis. <i>Clinical Biomechanics</i> , 2002, 17, 559-568.	0.5	54
140	Estimation of Spinal Deformity in Scoliosis From Torso Surface Cross Sections. <i>Spine</i> , 2001, 26, 1583-1591.	1.0	50