## Apostolos H Karantanas

List of Publications by Year in descending order

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269 papers 5,467 citations

76322 40 h-index 128286 60 g-index

277 all docs

277 docs citations

times ranked

277

5213 citing authors

#	Article	IF	CITATIONS
1	Osteonecrosis of the femoral head: Etiology, imaging and treatment. European Journal of Radiology, 2007, 63, 16-28.	2.6	259
2	Respiratory gated diffusion-weighted imaging of the liver: value of apparent diffusion coefficient measurements in the differentiation between most commonly encountered benign and malignant focal liver lesions. European Radiology, 2008, 18, 486-492.	4.5	220
3	Outcome of Patients with Diffuse Axonal Injury: The Significance and Prognostic Value of MRI in the Acute Phase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 49, 1071-1075.	2.4	187
4	Bone marrow edema syndrome. Skeletal Radiology, 2009, 38, 425-436.	2.0	141
5	Diagnostic Accuracy of a New Clinical Test (the Thessaly Test) for Early Detection of Meniscal Tears. Journal of Bone and Joint Surgery - Series A, 2005, 87, 955-962.	3.0	128
6	MR imaging findings in transient osteoporosis of the hip. European Journal of Radiology, 2004, 50, 238-244.	2.6	108
7	An update on the assessment of osteoporosis using radiologic techniques. European Radiology, 2007, 17, 1591-1602.	4.5	103
8	Interpretable artificial intelligence framework for COVID‹19 screening on chest Xâ€ʻrays. Experimental and Therapeutic Medicine, 2020, 20, 727-735.	1.8	85
9	Differences in graft orientation using the transtibial and anteromedial portal technique in anterior cruciate ligament reconstruction: a magnetic resonance imaging study. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 880-886.	4.2	77
10	Vascularized Bone Grafts From the Palmar Radius for the Treatment of Waist Nonunions of the Scaphoid. Journal of Hand Surgery, 2006, 31, 397-404.	1.6	73
11	Magnetic resonance imaging evaluation of small intestinal Crohn's disease. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2006, 20, 137-156.	2.4	72
12	Scaphoid Nonunions: Management with Vascularized Bone Grafts from the Distal Radius: A Clinical and Functional Outcome Study. Plastic and Reconstructive Surgery, 2007, 119, 1513-1525.	1.4	71
13	Acute bone marrow edema of the hip: role of MR imaging. European Radiology, 2007, 17, 2225-2236.	4.5	70
14	Sport injuries in the paediatric and adolescent patient: a growing problem. Pediatric Radiology, 2009, 39, 471-484.	2.0	68
15	Low-Intensity Transosseous Ultrasound Accelerates Osteotomy Healing in a Sheep Fracture Model. Journal of Bone and Joint Surgery - Series A, 2004, 86, 2275-2282.	3.0	66
16	Contribution of MRI and MR angiography in early diagnosis of brain death. European Radiology, 2002, 12, 2710-2716.	4.5	64
17	Comparison of MR-arthrography and MDCT-arthrography for detection of labral and articular cartilage hip pathology. Skeletal Radiology, 2011, 40, 1441-1447.	2.0	63
18	The Role of MR Imaging in Avascular Necrosis of the Femoral Head. Seminars in Musculoskeletal Radiology, 2011, 15, 281-300.	0.7	60

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19	Knee joint anterior malalignment and patellofemoral osteoarthritis: an MRI study. European Radiology, 2012, 22, 418-428.	4.5	57
20	MR imaging of transient osteoporosis of the hip: An update on 155 hip joints. European Journal of Radiology, 2015, 84, 431-436.	2.6	57
21	The Lisbon Agreement on Femoroacetabular Impingement Imagingâ€"part 1: overview. European Radiology, 2020, 30, 5281-5297.	4.5	57
22	Blueberry juice used per os in upper abdominal MR imaging: composition and initial clinical data. European Radiology, 2000, 10, 909-913.	4.5	56
23	Transient Osteoporosis. Journal of the American Academy of Orthopaedic Surgeons, The, 2008, 16, 480-489.	2.5	56
24	The role of MR imaging in staging femoral head osteonecrosis. European Journal of Radiology, 2007, 63, 3-9.	2.6	55
25	International Interdisciplinary Consensus Meeting on the Evaluation of Developmental Dysplasia of the Hip. Ultraschall in Der Medizin, 2019, 40, 454-464.	1.5	55
26	MR Cholangiopancreatography Before and After Oral Blueberry Juice Administration. Journal of Computer Assisted Tomography, 2000, 24, 229-234.	0.9	52
27	Influence of z overscanning on normalized effective doses calculated for pediatric patients undergoing multidetector CT examinations. Medical Physics, 2007, 34, 1163-1175.	3.0	51
28	Artificial intelligence radiogenomics for advancing precision and effectiveness in oncologic care (Review). International Journal of Oncology, 2020, 57, 43-53.	3.3	49
29	Suprapatellar Fat-Pad Mass Effect: MRI Findings and Correlation With Anterior Knee Pain. American Journal of Roentgenology, 2013, 200, W291-W296.	2.2	48
30	Wrist injuries in young adults: The diagnostic impact of CT and MRI. European Journal of Radiology, 2011, 77, 235-239.	2.6	47
31	Sexual dimorphism of the bony labyrinth: A new ageâ€independent method. American Journal of Physical Anthropology, 2013, 151, 290-301.	2.1	47
32	Evaluation of meniscal repair with serial magnetic resonance imaging: a comparative study between conventional MRI and indirect MR arthrography. European Journal of Radiology, 2004, 50, 231-237.	2.6	46
33	Subacute combined degeneration of the spinal cord with involvement of the anterior columns: a new MRI finding. Neuroradiology, 2000, 42, 115-117.	2.2	45
34	Regional migratory osteoporosis in the knee: MRI findings in 22 patients and review of the literature. European Journal of Radiology, 2008, 67, 34-41.	2.6	45
35	Genetic association studies in osteonecrosis of the femoral head: mini review of the literature. Skeletal Radiology, 2007, 37, 1-7.	2.0	44
36	The gymnasts' hip and groin: a magnetic resonance imaging study in asymptomatic elite athletes. Skeletal Radiology, 2014, 43, 1071-1077.	2.0	44

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37	MR imaging findings in early osteoarthritis of the knee. European Journal of Radiology, 2004, 50, 225-230.	2.6	43
38	Can abdominal multi-detector CT diagnose spinal osteoporosis?. European Radiology, 2009, 19, 172-176.	4.5	43
39	Evaluation of the Bone Bridge Between the Bone Tunnels After Anatomic Double-Bundle Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2010, 38, 1618-1625.	4.2	43
40	Acute non-traumatic marrow edema syndrome in the knee: MRI findings at presentation, correlation with spinal DEXA and outcome. European Journal of Radiology, 2008, 67, 22-33.	2.6	41
41	Scaphoid nonunions treated with vascularised bone grafts: MRI assessment. European Journal of Radiology, 2004, 50, 217-224.	2.6	39
42	White matter and deep gray matter hemodynamic changes in multiple sclerosis patients with clinically isolated syndrome. Magnetic Resonance in Medicine, 2012, 68, 1932-1942.	3.0	39
43	Femoral head osteonecrosis: Volumetric MRI assessment and outcome. European Journal of Radiology, 2007, 63, 10-15.	2.6	38
44	The role of MR imaging in scaphoid disorders. European Radiology, 2007, 17, 2860-2871.	4.5	38
45	Radiation Dose to the Conceptus from Multidetector CT during Early Gestation: A Method That Allows for Variations in Maternal Body Size and Conceptus Position. Radiology, 2010, 257, 483-489.	7.3	38
46	Brucellar spondylodiscitis: noncontiguous multifocal involvement of the cervical, thoracic, and lumbar spine. Clinical Imaging, 2006, 30, 214-217.	1.5	36
47	Preoperative Imaging Staging of Rectal Cancer. Digestive Diseases, 2007, 25, 20-32.	1.9	35
48	Imaging of sports injuries in children and adolescents. European Journal of Radiology, 2007, 62, 86-96.	2.6	34
49	Myocardial and liver iron status using a fastT2* quantitative MRI (T2*qMRI) technique. Magnetic Resonance in Medicine, 2007, 57, 742-753.	3.0	34
50	Dimensions of the lumbar spinal canal: variations and correlations with somatometric parameters using CT. European Radiology, 1998, 8, 1581-1585.	4.5	33
51	Tremolite Whitewashing and Pleural Calcifications. Chest, 1987, 92, 709-712.	0.8	32
52	Quantitative computed tomography for bone mineral measurement: technical aspects, dosimetry, normal data and clinical applications. British Journal of Radiology, 1991, 64, 298-304.	2.2	32
53	Osteoid Osteoma of the Femoral Neck: Use of the Half-Moon Sign in MRI Diagnosis. American Journal of Roentgenology, 2015, 205, 353-357.	2.2	31
54	Greater trochanter pain syndrome: A descriptive MR imaging study. European Journal of Radiology, 2014, 83, 1850-1855.	2.6	30

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55	Estimation of effective doses to adult and pediatric patients from multislice computed tomography: A method based on energy imparted. Medical Physics, 2006, 33, 3846-3856.	3.0	29
56	Hip osteoarthritis: What the radiologist wants to know. European Journal of Radiology, 2007, 63, 36-48.	2.6	29
57	Accuracy and limitations of diagnostic methods for avascular necrosis of the hip. Expert Opinion on Medical Diagnostics, 2013, 7, 179-187.	1.6	29
58	Rotational Knee Laxity in Anterior Cruciate Ligament Deficiency: An Additional Secondary Sign on MRI. American Journal of Roentgenology, 2016, 206, 151-154.	2.2	29
59	A neural pathomics framework for classifying colorectal cancer histopathology images based on wavelet multi-scale texture analysis. Scientific Reports, 2021, 11, 15546.	3.3	29
60	Paraoxonase 1 gene polymorphisms in patients with osteonecrosis of the femoral head with and without cerebral white matter lesions. Journal of Orthopaedic Research, 2007, 25, 1087-1093.	2.3	28
61	Repair of an Anteroinferior Glenoid Defect by the Latarjet Procedure: Quantitative Assessment of the Repair by Computed Tomography. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 1021-1026.	2.7	28
62	Os naviculare: the multi-ossicle configuration of a normal variant. Skeletal Radiology, 2011, 40, 85-88.	2.0	28
63	18F-N <scp>a</scp> F PET/CT IMAGING IN FIBROUS DYSPLASIA OF BONE. Journal of Bone and Mineral Research, 2019, 34, 1619-1631.	2.8	28
64	CT and MRI in malignant external otitis: a report of four cases. Computerized Medical Imaging and Graphics, 2003, 27, 27-34.	5.8	27
65	Patellar tendon length after anterior cruciate ligament reconstruction: a comparative magnetic resonance imaging study between patellar and hamstring tendon autografts. Knee Surgery, Sports Traumatology, Arthroscopy, 2007, 15, 712-719.	4.2	27
66	Deep learning opens new horizons in personalized medicine (Review). Biomedical Reports, 2019, 10, 215-217.	2.0	27
67	Echinococcus of the pulmonary artery: CT, MRI and MRA findings. Computerized Medical Imaging and Graphics, 2000, 24, 265-267.	5.8	26
68	Bone marrow changes in beta-thalassemia major: quantitative MR imaging findings and correlation with iron stores. European Radiology, 2007, 17, 2079-2087.	4.5	26
69	Computed Tomographyâ€Based Assessment of Abdominal Adiposity Changes and Their Impact on Metabolic Alterations Following Bariatric Surgery. World Journal of Surgery, 2015, 39, 417-423.	1.6	26
70	Persistent sciatica induced by quadratus femoris muscle tear and treated by surgical decompression: a case report. Journal of Medical Case Reports, 2010, 4, 236.	0.8	25
71	MR arthrography of the shoulder: tolerance evaluation of four different injection techniques. Skeletal Radiology, 2013, 42, 99-105.	2.0	25
72	Acute nontraumatic adult knee pain: the role of MR imaging. Radiologia Medica, 2009, 114, 437-447.	7.7	24

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73	Imaging and Treatment of Scaphoid Fractures and Their Complications. Seminars in Musculoskeletal Radiology, 2012, 16, 159-174.	0.7	24
74	Virtual assessment of perimortem and postmortem blunt force cranial trauma. Forensic Science International, 2013, 229, 162.e1-162.e6.	2.2	24
75	Management of renal arteriovenous malformations: A pictorial review. Insights Into Imaging, 2014, 5, 523-530.	3.4	24
76	Magnetic resonance cholangiopancreatography: Comparison between respiratory-triggered turbo spin echo and breath hold single-shot turbo spin echo sequences. Magnetic Resonance Imaging, 1999, 17, 1255-1260.	1.8	23
77	Unusual causes of spinal foraminal widening. European Radiology, 2000, 10, 144-148.	4.5	23
78	Retroclival epidural hematoma secondary to a longitudinal clivus fracture. Clinical Neurology and Neurosurgery, 2005, 108, 67-72.	1.4	23
79	Piriformis muscle syndrome: A cross-sectional imaging study in 116 patients and evaluation of therapeutic outcome. European Radiology, 2018, 28, 447-458.	4.5	23
80	Benign postpartum pleural effusion. European Respiratory Journal, 1995, 8, 1748-1750.	6.7	21
81	Increased signal intensity on fat-suppressed three-dimensional T1-weighted pulse sequences in patellar tendon: magic angle effect?. Skeletal Radiology, 2001, 30, 67-71.	2.0	21
82	Pancreatic pseudocysts: 10 years of experience. Journal of Hepato-Biliary-Pancreatic Surgery, 2003, 10, 373-376.	2.0	21
83	Intervertebral Disc Changes after 1 h of Running: A Study on Athletes. Journal of International Medical Research, 2011, 39, 569-579.	1.0	21
84	Pediatric radiation dose and risk from bone density measurements using a GE Lunar Prodigy scanner. Osteoporosis International, 2013, 24, 2025-2031.	3.1	21
85	MR imaging of intracranial epidermoid tumors: specific diagnosis with Turbo-FLAIR pulse sequence. Computerized Medical Imaging and Graphics, 2001, 25, 249-255.	5.8	20
86	18F-FDG and 68Ga-DOTATATE PET/CT in von Hippel-Lindau Disease–Associated Retinal Hemangioblastoma. Clinical Nuclear Medicine, 2017, 42, 189-190.	1.3	19
87	Variations of transverse foramina in cervical vertebrae: what happens to the vertebral artery?. European Spine Journal, 2018, 27, 1278-1285.	2.2	19
88	Can treatment with methotrexate influence the radiological progression of rheumatoid arthritis?. Clinical Rheumatology, 1990, 9, 342-345.	2.2	18
89	Localized pigmented villonodular synovitis in the anteromedial compartment of the knee associated with cartilage lesions of the medial femoral condyle: report of a case and review of the literature. Knee Surgery, Sports Traumatology, Arthroscopy, 2005, 13, 209-212.	4.2	18
90	Treatment of pathologic spinal fractures with combined radiofrequency ablation and balloon kyphoplasty. World Journal of Surgical Oncology, 2009, 7, 90.	1.9	18

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91	Calcific tendinopathy of the shoulder with intraosseous extension: outcomes of ultrasound-guided percutaneous irrigation. Skeletal Radiology, 2017, 46, 201-208.	2.0	18
92	The Lisbon Agreement on femoroacetabular impingement imagingâ€"part 2: general issues, parameters, and reporting. European Radiology, 2021, 31, 4634-4651.	4.5	18
93	Atypical presentation of varicella-zoster virus encephalitis in an immunocompetent adult. Heart and Lung: Journal of Acute and Critical Care, 2008, 37, 61-66.	1.6	17
94	Deferoxamine Versus Combined Therapy for Chelating Liver, Spleen and Bone Marrow Iron in Î <sup>2</sup> -Thalassemic Patients: A Quantitative Magnetic Resonance Imaging Study. Hemoglobin, 2010, 34, 95-106.	0.8	17
95	Ankle post-traumatic osteoarthritis: a CT arthrography study in patients with bi- and trimalleolar fractures. Skeletal Radiology, 2012, 41, 803-809.	2.0	17
96	CT analysis of anatomical distribution of melorheostosis challenges the sclerotome hypothesis. Bone, 2018, 117, 31-36.	2.9	17
97	Radiomics and Machine Learning Can Differentiate Transient Osteoporosis from Avascular Necrosis of the Hip. Diagnostics, 2021, 11, 1686.	2.6	17
98	Hip fracture discrimination by the Achilles Insight QUS imaging device. European Journal of Radiology, 2007, 63, 59-62.	2.6	16
99	Cervical spinal cord intramedullary teratoma. Clinical Neurology and Neurosurgery, 2006, 108, 514-517.	1.4	15
100	MR imaging findings of medial tibial crest friction. European Journal of Radiology, 2013, 82, e703-e706.	2.6	15
101	Hemodynamic evidence linking cognitive deficits in clinically isolated syndrome to regional brain inflammation. European Journal of Neurology, 2014, 21, 499-505.	3.3	15
102	Characteristics and predictors of outcome of spontaneous spinal epidural abscesses treated conservatively: A retrospective cohort study in a referral center. Clinical Neurology and Neurosurgery, 2017, 156, 11-17.	1.4	15
103	Diagnosis of periampullary duodenal diverticula: the value of new imaging techniques. Annals of Gastroenterology, 2011, 24, 192-199.	0.6	15
104	Genetic skeletal disorders of the fetus and infant: Pathologic and molecular findings in a series of 41 cases. Birth Defects Research Part A: Clinical and Molecular Teratology, 2009, 85, 811-821.	1.6	14
105	Secure access to patient's health records using SpeechXRays a mutli-channel biometrics platform for user authentication., 2016, 2016, 2541-2544.		14
106	Breast Fibroadenoma With Increased Activity on 68Ga DOTATATE PET/CT. Clinical Nuclear Medicine, 2017, 42, 145-146.	1.3	14
107	MRI of the Hip: Current Concepts on Bone Marrow Oedema. HIP International, 2017, 27, 329-335.	1.7	14
108	Investigating the Correlation of Ktrans With Semi-Quantitative MRI Parameters Towards More Robust and Reproducible Perfusion Imaging Biomarkers in Three Cancer Types. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1855-1862.	6.3	14

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109	Deep Radiotranscriptomics of Non-Small Cell Lung Carcinoma for Assessing Molecular and Histology Subtypes with a Data-Driven Analysis. Diagnostics, 2021, 11, 2383.	2.6	14
110	Postpartum bilateral transient osteoporosis of the hip: MR imaging findings in three cases. Radiologia Medica, 2008, 113, 689-694.	7.7	13
111	Bilateral gluteal metastases from a misdiagnosed intrapelvic gastrointestinal stromal tumor. World Journal of Surgical Oncology, 2008, 6, 139.	1.9	13
112	Radiation burden and associated cancer risk for a typical population to be screened for lung cancer with low-dose CT: A phantom study. European Radiology, 2018, 28, 4370-4378.	4.5	13
113	Ultrasound-guided percutaneous irrigation of calcific tendinopathy: redefining predictors of treatment outcome. European Radiology, 2021, 31, 2634-2643.	4.5	13
114	Radiomics and machine learning to predict aggressive type 2 endoleaks after endovascular aneurysm repair: a proof of concept. Acta Radiologica, 2022, 63, 1293-1299.	1.1	13
115	The Lisbon Agreement on Femoroacetabular Impingement Imagingâ€"part 3: imaging techniques. European Radiology, 2021, 31, 4652-4668.	4.5	13
116	Isolated synovial cyst of the acromio-clavicular joint associated with joint degeneration and an intact rotator cuff. Acta Orthopaedica Belgica, 2007, 73, 515-20.	0.4	13
117	Increased frequency of white matter lesions in patients with osteonecrosis (WMLeOn) of the femoral head. European Journal of Radiology, 2004, 50, 278-284.	2.6	12
118	Detection of Colorectal Cancer Hepatic Metastases with Contrast-Enhanced Ultrasound: Comparison with Conventional B-Mode Ultrasound. Digestive Diseases, 2007, 25, 86-93.	1.9	12
119	Alpha-1 Antichymotrypsin Gene Signal Peptide A/T Polymorphism and Primary Intracerebral Hemorrhage. European Neurology, 2008, 59, 307-314.	1.4	12
120	CT evaluation of the low severity cervical spine trauma: When is the scout view enough?. European Journal of Radiology, 2010, 75, 82-86.	2.6	12
121	Regional MRI Perfusion Measures Predict Motor/Executive Function in Patients with Clinically Isolated Syndrome. Behavioural Neurology, 2014, 2014, 1-8.	2.1	12
122	Normal Magnetic Resonance Imaging Anatomy of the Anterolateral Knee Ligament with a T2/T1-Weighted 3-Dimensional Sequence: A Feasibility Study. Canadian Association of Radiologists Journal, 2016, 67, 52-59.	2.0	12
123	Maxillary sinus inflammatory disease: Ultrasound compared to computed tomography. Computerized Medical Imaging and Graphics, 1997, 21, 233-241.	5.8	11
124	Fat-suppressed 3D-T1-weighted-echo planar imaging: comparison with fat-suppressed 3D-T1-weighted-gradient echo in imaging the cartilage of the knee. Computerized Medical Imaging and Graphics, 2002, 26, 159-165.	5.8	11
125	Assessment of the morpho-densitometric parameters of the lumbar pedicles in osteoporotic and control women undergoing routine abdominal MDCT examinations. Journal of Bone and Mineral Metabolism, 2011, 29, 352-358.	2.7	11
126	Multifocal bone and bone marrow lesions in children — MRI findings. Pediatric Radiology, 2017, 47, 342-360.	2.0	11

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127	MR Imaging of the Hip: An Update on Bone Marrow Edema. Seminars in Musculoskeletal Radiology, 2019, 23, 276-288.	0.7	11
128	18F-NaF PET/CT in Extensive Melorheostosis of the Axial and Appendicular Skeleton With Soft-Tissue Involvement. Clinical Nuclear Medicine, 2017, 42, 537-539.	1.3	11
129	Inverse Laplace transform and multiexponential fitting analysis of T2 relaxometry data: a phantom study with aqueous and fat containing samples. European Radiology Experimental, 2020, 4, 28.	3.4	11
130	Amount and composition of bone minerals in chronic liver disease. Digestive Diseases and Sciences, 1996, 41, 1008-1013.	2.3	10
131	Body Composition in Homozygous βâ€Thalassemia. Annals of the New York Academy of Sciences, 2000, 904, 621-624.	3.8	10
132	Migratory Azygos Vein. Journal of Computer Assisted Tomography, 2008, 32, 99-100.	0.9	10
133	Evaluation of the Position and Function of Aqueous Drainage Implants With Magnetic Resonance Imaging. Journal of Glaucoma, 2009, 18, 453-459.	1.6	10
134	MDCT angiography assessment of renal artery in-stent restenosis: Can we reduce the radiation exposure burden? A feasibility study. European Journal of Radiology, 2011, 79, 224-231.	2.6	10
135	What's new in the use of MRI in the orthopaedic trauma patient?. Injury, 2014, 45, 923-933.	1.7	10
136	Magnetic resonance morphometry of the adult normal lumbar intervertebral space. Surgical and Radiologic Anatomy, 2018, 40, 1055-1061.	1.2	10
137	Perfusion-CT analysis for assessment of hepatocellular carcinoma lesions: diagnostic value of different perfusion maps. Acta Radiologica, 2019, 60, 561-568.	1.1	10
138	A correlative study between diffusion and perfusion MR imaging parameters on peripheral arterial disease data. Magnetic Resonance Imaging, 2019, 55, 26-35.	1.8	10
139	Congenital posterior atlas defect associated with anterior rachischisis and early cervical degenerative disc disease: a case study and review of the literature. Acta Orthopaedica Belgica, 2007, 73, 282-5.	0.4	10
140	Elemental composition of bone minerals in women with breast cancer treated with adjuvant tamoxifen. Breast Cancer Research and Treatment, 1996, 37, 161-168.	2.5	9
141	Comments on Zanetti et al.: MR arthrographic variability of the arthroscopically normal glenoid labrum: qualitative and quantitative assessment. European Radiology, 2002, 12, 491-491.	4.5	9
142	Sacral Fatigue Fracture in an Amateur Soccer Player. Case Reports in Medicine, 2013, 2013, 1-3.	0.7	9
143	Morel-Lavallée Lesions of the Knee: MRI Findings Compared With Cadaveric Study Findings. American Journal of Roentgenology, 2018, 210, W234-W239.	2.2	9
144	Investigating the Role of Model-Based and Model-Free Imaging Biomarkers as Early Predictors of Neoadjuvant Breast Cancer Therapy Outcome. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1834-1843.	6.3	9

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145	A Giant Tarlov Cyst Presenting with Hydronephrosis in a Patient with Marfan Syndrome: A Case Report and Review of the Literature. World Neurosurgery, 2019, 126, 581-587.	1.3	9
146	Performance of Lung Ultrasound for Monitoring Interstitial Lung Disease. Journal of Ultrasound in Medicine, 2022, 41, 1077-1084.	1.7	9
147	Current status and future prospects of PET-imaging applications in patients with gastro-entero-pancreatic neuroendocrine tumors (GEP-NETs). European Journal of Radiology, 2021, 143, 109932.	2.6	9
148	Hydroxyapatite deposition disease around the hip: outcomes of CT-guided treatment. Diagnostic and Interventional Radiology, 2016, 22, 466-470.	1.5	9
149	New evidence that tamoxifen does not induce osteoporosis: a nuclear activation analysis and absorptiometry study. British Journal of Radiology, 1992, 65, 417-420.	2.2	8
150	Quantitative computed tomography for spinal bone mineral measurements in chronic renal failure. British Journal of Radiology, 1996, 69, 132-136.	2.2	8
151	Hybrid cardiac imaging: Insights in the dilemma of the appropriate clinical management of patients with suspected coronary artery disease. European Journal of Radiology, 2013, 82, 281-287.	2.6	8
152	High resolution MR eye protocol optimization: Comparison between 3D-CISS, 3D-PSIF and 3D-VIBE sequences. Physica Medica, 2015, 31, 774-780.	0.7	8
153	Fast sequences MR imaging at the investigation of painful skeletal sites in patients with hip osteonecrosis. SpringerPlus, 2015, 4, 3.	1.2	8
154	Fibrous Dysplasia Mimicking Malignancy on 68Ga-DOTATATE PET/CT. Clinical Nuclear Medicine, 2017, 42, 209-210.	1.3	8
155	Modified Lung Ultrasonographic Technique for Evaluation of Idiopathic Pulmonary Fibrosis: Lateral Decubitus Position. Journal of Ultrasound in Medicine, 2017, 36, 2525-2532.	1.7	8
156	Lung Ultrasonography in Patients With Idiopathic Pulmonary Fibrosis: Evaluation of a Simplified Protocol With Highâ€Resolution Computed Tomographic Correlation. Journal of Ultrasound in Medicine, 2018, 37, 689-696.	1.7	8
157	Proposed Lung Ultrasound Protocol During the COVID ‶9 Outbreak. Journal of Ultrasound in Medicine, 2021, 40, 397-399.	1.7	8
158	Differentiation between subchondral insufficiency fractures and advanced osteoarthritis of the knee using transfer learning and an ensemble of convolutional neural networks. Injury, 2022, 53, 2035-2040.	1.7	8
159	Magnetic Resonance Imaging and Brainstem Injury. Journal of Neurosurgery, 2000, 92, 896-7.	1.6	7
160	Malignant fibrous histiocytoma of the spine causing spinal neural foramen widening. Computerized Medical Imaging and Graphics, 2000, 24, 329-332.	5.8	7
161	Statistical and spatial correlation between diffusion and perfusion MR imaging parameters: A study on soft tissue sarcomas. Physica Medica, 2019, 65, 59-66.	0.7	7
162	T2, T2* and spin coupling ratio as biomarkers for the study of lipomatous tumors. Physica Medica, 2019, 60, 76-82.	0.7	7

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163	Musculoskeletal trauma imaging in the era of novel molecular methods and artificial intelligence. Injury, 2020, 51, 2748-2756.	1.7	7
164	Differentiating low from high-grade soft tissue sarcomas using post-processed imaging parameters derived from multiple DWI models. European Journal of Radiology, 2021, 138, 109660.	2.6	7
165	Intervertebral Disk Hydatid Cysts: MR Imaging Findings. American Journal of Roentgenology, 2003, 180, 1739-1740.	2.2	7
166	PET/CT and PET/MRI in ophthalmic oncology (Review). International Journal of Oncology, 2020, 56, 417-429.	3.3	7
167	Bone Mineral Status after Renal Transplantation Assessment by Noninvasive Techniques. Investigative Radiology, 1994, 29, 127-133.	6.2	6
168	Comparison of echo planar imaging, gradient echo and fast spin echo MR scans of knee menisci. Computerized Medical Imaging and Graphics, 2000, 24, 309-316.	5.8	6
169	T2-weighted magnetic resonance imaging of the liver: comparison of fat-suppressed GRASE with conventional spin echo, fat-suppressed turbo spin echo, and gradient echo at 1.0 T. Abdominal Imaging, 2001, 26, 139-145.	2.0	6
170	Acute Schmorl's Node during Strenuous Monofin Swimming: A Case Report and Review of the Literature. Global Spine Journal, 2012, 2, 159-167.	2.3	6
171	Iron deposits in the knee joints of a thalassemic patient. Acta Radiologica Short Reports, 2013, 2, 1-5.	0.7	6
172	Quadratus Femoris Tear as an Unusual Cause of Hip Pain: A Case Report. HIP International, 2016, 26, e7-e9.	1.7	6
173	Abdominal fat volume estimation by stereology on CT: a comparison with manual planimetry. European Radiology, 2016, 26, 706-713.	<b>4.</b> 5	6
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