

Pedro Augusto Gondim Teixeira

List of Publications by Year in descending order

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95
papers

1,299
citations

361413

20
h-index

454955

30
g-index

97
all docs

97
docs citations

97
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Total hip prosthesis CT with single-energy projection-based metallic artifact reduction: impact on the visualization of specific periprosthetic soft tissue structures. <i>Skeletal Radiology</i> , 2014, 43, 1237-1246.	2.0	81
2	Adhesive Capsulitis of the Shoulder: Value of Inferior Glenohumeral Ligament Signal Changes on T2-Weighted Fat-Saturated Images. <i>American Journal of Roentgenology</i> , 2012, 198, W589-W596.	2.2	64
3	Standard dose versus low-dose abdominal and pelvic CT: Comparison between filtered back projection versus adaptive iterative dose reduction 3D. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 47-53.	3.2	57
4	The nerves around the shoulder. <i>European Journal of Radiology</i> , 2013, 82, 2-16.	2.6	42
5	Full model-based iterative reconstruction (MBIR) in abdominal CT increases objective image quality, but decreases subjective acceptance. <i>European Radiology</i> , 2019, 29, 4016-4025.	4.5	42
6	Ultrasound assessment of the lateral collateral ligamentous complex of the elbow: imaging aspects in cadavers and normal volunteers. <i>European Radiology</i> , 2011, 21, 1492-1498.	4.5	37
7	Multimodality evaluation of musculoskeletal sarcoidosis: Imaging findings and literature review. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 5-18.	3.2	33
8	3D reconstructions, 4D imaging and postprocessing with CT in musculoskeletal disorders: Past, present and future. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 693-705.	3.2	32
9	Dynamic MR imaging of osteoid osteomas: correlation of semiquantitative and quantitative perfusion parameters with patient symptoms and treatment outcome. <i>European Radiology</i> , 2013, 23, 2602-2611.	4.5	31
10	Glenohumeral joint instability. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 2-16.	3.4	30
11	Musculoskeletal wide detector CT: Principles, techniques and applications in clinical practice and research. <i>European Journal of Radiology</i> , 2015, 84, 892-900.	2.6	30
12	CT of hip prosthesis: New techniques and new paradigms. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 725-733.	3.2	29
13	Automatic rib cage unfolding with CT cylindrical projection reformat in polytraumatized patients for rib fracture detection and characterization: Feasibility and clinical application. <i>European Journal of Radiology</i> , 2019, 110, 121-127.	2.6	28
14	Developments in imaging methods used in hip arthroplasty: A diagnostic algorithm. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 735-747.	3.2	26
15	Evidence-based recommendations for musculoskeletal kinematic 4D-CT studies using wide area-detector scanners: a phantom study with cadaveric correlation. <i>European Radiology</i> , 2017, 27, 437-446.	4.5	26
16	Iterative reconstruction: Why, how and when?. <i>Diagnostic and Interventional Imaging</i> , 2015, 96, 421-422.	3.2	25
17	Quantitative Analysis of Subtalar Joint Motion With 4D CT: Proof of Concept With Cadaveric and Healthy Subject Evaluation. <i>American Journal of Roentgenology</i> , 2017, 208, 150-158.	2.2	24
18	Four-dimensional CT Analysis of Wrist Kinematics during Radioulnar Deviation. <i>Radiology</i> , 2018, 289, 750-758.	7.3	24

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19	Tomosynthesis in musculoskeletal pathology. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 423-441.	3.2	24
20	Scapholunate instability: improved detection with semi-automated kinematic CT analysis during stress maneuvers. <i>European Radiology</i> , 2018, 28, 4397-4406.	4.5	22
21	Assessment of scapholunate instability with dynamic computed tomography. <i>Journal of Hand Surgery: European Volume</i> , 2020, 45, 375-382.	1.0	21
22	Impact of ROI Positioning and Lesion Morphology on Apparent Diffusion Coefficient Analysis for the Differentiation Between Benign and Malignant Nonfatty Soft-Tissue Lesions. <i>American Journal of Roentgenology</i> , 2015, 205, W106-W113.	2.2	20
23	Detecting abnormal thyroid cartilages on CT using deep learning. <i>Diagnostic and Interventional Imaging</i> , 2019, 100, 251-257.	3.2	19
24	Musculoskeletal Wide-Detector CT Kinematic Evaluation: From Motion to Image. <i>Seminars in Musculoskeletal Radiology</i> , 2015, 19, 456-462.	0.7	18
25	Contrast-Enhanced 3-T Perfusion MRI With Quantitative Analysis for the Characterization of Musculoskeletal Tumors: Is It Worth the Trouble?. <i>American Journal of Roentgenology</i> , 2018, 211, 1092-1098.	2.2	18
26	Synergistic Role of Newer Techniques for Forensic and Postmortem CT Examinations. <i>American Journal of Roentgenology</i> , 2018, 211, 3-10.	2.2	18
27	Comparison of radiographs, tomosynthesis and CT with metal artifact reduction for the detection of hip prosthetic loosening. <i>European Radiology</i> , 2019, 29, 1258-1266.	4.5	18
28	Diffusion-weighted magnetic resonance imaging for the initial characterization of non-fatty soft tissue tumors: correlation between T2 signal intensity and ADC values. <i>Skeletal Radiology</i> , 2016, 45, 263-271.	2.0	17
29	Advanced Techniques in Musculoskeletal Oncology: Perfusion, Diffusion, and Spectroscopy. <i>Seminars in Musculoskeletal Radiology</i> , 2015, 19, 463-474.	0.7	16
30	Dynamic CT angiography for the diagnosis of patients with thoracic outlet syndrome: Correlation with patient symptoms. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 158-165.	1.3	16
31	Respiratory Epithelial Adenomatoid Hamartoma is Frequent in Olfactory Cleft After Nasalization. <i>Laryngoscope</i> , 2020, 130, 2098-2104.	2.0	16
32	Qualitative 3-T Proton MR Spectroscopy for the Characterization of Musculoskeletal Neoplasms: Update on Diagnostic Performance and Indications. <i>American Journal of Roentgenology</i> , 2017, 208, 1312-1319.	2.2	15
33	Radiography, abdominal CT and MRI compared with sacroiliac joint CT in diagnosis of structural sacroiliitis. <i>European Journal of Radiology</i> , 2017, 95, 169-176.	2.6	15
34	High-resolution ultrasound evaluation of the trapeziometacarpal joint with emphasis on the anterior oblique ligament (beak ligament). <i>Skeletal Radiology</i> , 2011, 40, 897-904.	2.0	14
35	Evidence-based MR imaging follow-up strategy for desmoid-type fibromatosis. <i>European Radiology</i> , 2020, 30, 895-902.	4.5	14
36	Posterior Radioscaphoid Angle as a Predictor of Wrist Degenerative Joint Disease in Patients With Scapholunate Ligament Tears. <i>American Journal of Roentgenology</i> , 2016, 206, 144-150.	2.2	13

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37	Ultra-high resolution computed tomography of joints: practical recommendations for acquisition protocol optimization. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4287-4298.	2.0	13
38	Bone Marrow Edema Pattern Identification in Patients With Lytic Bone Lesions Using Digital Subtraction Angiography—Like Bone Subtraction on Large-Area Detector Computed Tomography. <i>Investigative Radiology</i> , 2014, 49, 156-164.	6.2	12
39	Strategy and optimization of diagnostic imaging in painful hip in adults. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2015, 101, S85-S99.	2.0	12
40	Bone marrow perfusion measured with dynamic contrast enhanced magnetic resonance imaging is correlated to body mass index in adults. <i>Bone</i> , 2017, 99, 47-52.	2.9	12
41	Perfusion MR imaging at 3-Tesla: Can it predict tumor grade and histologic necrosis rate of musculoskeletal sarcoma?. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 473-481.	3.2	12
42	Comparison between subtalar joint quantitative kinematic 4-D CT parameters in healthy volunteers and patients with joint stiffness or chronic ankle instability: A preliminary study. <i>European Journal of Radiology</i> , 2019, 114, 76-84.	2.6	12
43	Solitary bone tumor imaging reporting and data system (BTI-RADS): initial assessment of a systematic imaging evaluation and comprehensive reporting method. <i>European Radiology</i> , 2021, 31, 7637-7652.	4.5	12
44	Correlation between tumor growth and hormonal therapy with MR signal characteristics of desmoid-type fibromatosis: A preliminary study. <i>Diagnostic and Interventional Imaging</i> , 2019, 100, 47-55.	3.2	11
45	Added-value of advanced magnetic resonance imaging to conventional morphologic analysis for the differentiation between benign and malignant non-fatty soft-tissue tumors. <i>European Radiology</i> , 2021, 31, 1536-1547.	4.5	11
46	Linear signal hyperintensity adjacent to the subchondral bone plate at the knee on T2-weighted fat-saturated sequences: imaging aspects and association with structural lesions. <i>Skeletal Radiology</i> , 2014, 43, 1589-1598.	2.0	10
47	T2 Mapping of the Sacroiliac Joints With 3-T MRI: A Preliminary Study. <i>American Journal of Roentgenology</i> , 2017, 209, 389-394.	2.2	10
48	Clinical acceptance of deep learning reconstruction for abdominal CT imaging: objective and subjective image quality and low-contrast detectability assessment. <i>European Radiology</i> , 2022, 32, 3161-3172.	4.5	10
49	The Impact of Dose Reduction in Quantitative Kinematic CT of Ankle Joints Using a Full Model-Based Iterative Reconstruction Algorithm: A Cadaveric Study. <i>American Journal of Roentgenology</i> , 2018, 210, 396-403.	2.2	9
50	Imaging of Lower Limb Cartilage. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 189-201.	1.2	8
51	Wide area detector CT perfusion: Can it differentiate osteoid osteomas from other lytic bone lesions?. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 587-594.	3.2	8
52	Focus on Merkel cell carcinoma: diagnosis and staging. <i>Skeletal Radiology</i> , 2015, 44, 777-786.	2.0	8
53	Added Value of Bone Subtraction in Dual-energy Digital Radiography in the Detection of Pneumothorax. <i>Academic Radiology</i> , 2018, 25, 82-87.	2.5	8
54	Proximal femur fat fraction variation in healthy subjects using chemical shift-encoding based MRI. <i>Scientific Reports</i> , 2019, 9, 20212.	3.3	8

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55	Metal artifact reduction for intracranial projectiles on post mortem computed tomography. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 177-185.	3.2	8
56	Analysis of the position of the branches of the ulnar nerve in Guyon's canal using high-resolution MRI in positions adopted by cyclists. <i>Surgical and Radiologic Anatomy</i> , 2016, 38, 793-799.	1.2	7
57	Radiology resident MR and CT image analysis skill assessment using an interactive volumetric simulation tool "the RadioLOG project. <i>European Radiology</i> , 2017, 27, 878-887.	4.5	6
58	Synthetic MRI is not yet ready for morphologic and functional assessment of patellar cartilage at 1.5 Tesla. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 181-187.	3.2	6
59	MRI appearance of the distal insertion of the anterior cruciate ligament of the knee: an additional criterion for ligament ruptures. <i>Skeletal Radiology</i> , 2012, 41, 1111-1120.	2.0	5
60	Influence of Calcium on Choline Measurements by 1H MR Spectroscopy of Thigh Muscles. <i>European Radiology</i> , 2014, 24, 1309-1319.	4.5	5
61	Contrast-enhanced 3T MR Perfusion of Musculoskeletal Tumours: T1 Value Heterogeneity Assessment and Evaluation of the Influence of T1 Estimation Methods on Quantitative Parameters. <i>European Radiology</i> , 2017, 27, 4903-4912.	4.5	5
62	Subchondral linear hyperintensity of the femoral head: MR imaging findings and associations with femoro-acetabular joint pathology. <i>Diagnostic and Interventional Imaging</i> , 2017, 98, 245-252.	3.2	5
63	Assessment of the zonal variation of perfusion parameters in the femoral head: a 3-T dynamic contrast-enhanced MRI pilot study. <i>Skeletal Radiology</i> , 2018, 47, 261-270.	2.0	5
64	Automatic rib unfolding in postmortem computed tomography: diagnostic evaluation of the OpenRib software compared with the autopsy in the detection of rib fractures. <i>International Journal of Legal Medicine</i> , 2020, 134, 339-346.	2.2	5
65	Practical ultrasonographic technique to precisely identify and differentiate tendons and ligaments of the elbow at the level of the humeral epicondyles: anatomical study. <i>Skeletal Radiology</i> , 2021, 50, 1369-1377.	2.0	5
66	Four-Dimensional CT Analysis of Dorsal Intercalated Segment Instability in patients with Suspected Scapholunate Instability. <i>Journal of Wrist Surgery</i> , 2021, 10, 234-240.	0.7	5
67	Quantitative analysis of scapholunate diastasis using stress speckle-tracking sonography: a proof-of-concept and feasibility study. <i>European Radiology</i> , 2017, 27, 5344-5351.	4.5	4
68	Dynamic contrast-enhanced MRI perfusion of normal muscle in adult hips: Variation of permeability and semi-quantitative parameters. <i>European Journal of Radiology</i> , 2018, 108, 92-98.	2.6	4
69	Intravoxel incoherent motion MRI for the initial characterization of non-fatty non-vascular soft tissue tumors. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 245-255.	3.2	4
70	Hallux sesamoid complex imaging: a practical diagnostic approach. <i>Skeletal Radiology</i> , 2020, 49, 1889-1901.	2.0	4
71	Metal artifact reduction for small metal implants on CT: Which image reconstruction algorithm performs better?. <i>European Journal of Radiology</i> , 2020, 127, 108970.	2.6	4
72	Evaluation of Dorsal Subluxation of the Scaphoid in Patients With Scapholunate Ligament Tears: A 4D CT Study. <i>American Journal of Roentgenology</i> , 2021, 216, 141-149.	2.2	4

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73	Automatic detection of rib fractures: Are we there yet?. EBioMedicine, 2021, 63, 103158.	6.1	4
74	Evaluation of Dorsal Scaphoid Displacement Using Posterior Radioscaphoid Angle in Patients With Suspected Scapholunate Instability: A Preliminary Study. Journal of Hand Surgery, 2021, 46, 10-16.	1.6	4
75	Correlation Between Dynamic 4-Dimensional Computed Tomography Data and Arthroscopic Testing of Scapholunate Instability: A Preliminary Study. Journal of Hand Surgery, 2023, 48, 509.e1-509.e8.	1.6	4
76	Imaging assessment of dorsal scaphoid displacement in patients with scapholunate ligament tears: what is the best option for quantitative assessment?. European Radiology, 2022, 32, 3121-3130.	4.5	4
77	Protocol optimization of sacroiliac joint MR Imaging at 3 Tesla: Impact of coil design and motion resistant sequences on image quality. Diagnostic and Interventional Imaging, 2017, 98, 865-871.	3.2	3
78	Kienbock's disease: Role of cross-sectional imaging in treatment choice and patient follow-up. European Journal of Radiology, 2018, 105, 269-282.	2.6	3
79	CT arthrography of the intra-articular long head of biceps tendon: Diagnostic performance outside the labral-bicipital complex. Diagnostic and Interventional Imaging, 2019, 100, 437-444.	3.2	3
80	Quantitative four-dimensional CT evaluation of scapholunate intercarpal ligamentoplasty for scapholunate dissociation: a cadaveric study. Journal of Hand Surgery: European Volume, 2021, 46, 536-539.	1.0	3
81	Kinematic 4D CT case-control study of wrist in dart throwing motion "in vivo" comparison with other maneuvers. European Radiology, 2022, , 1.	4.5	3
82	Evaluation protocol for amusia - portuguese sample. Brazilian Journal of Otorhinolaryngology, 2012, 78, 87-93.	1.0	2
83	Optimizing z-axis coverage of abdominal CT scans of the urinary tract: a proposed alternative proximal landmark for acquisition planning. British Journal of Radiology, 2016, 89, 20160197.	2.2	2
84	Clinical Application of Musculoskeletal CT: Trauma, Oncology, and Postsurgery. Medical Radiology, 2017, , 1079-1105.	0.1	2
85	MR Imaging Biomarkers for Clinical Impairment and Disease Progression in Patients with Shoulder Adhesive Capsulitis: A Prospective Study. Journal of Clinical Medicine, 2021, 10, 3882.	2.4	2
86	Unfolded Cylindrical Projection for Rib Fracture Diagnosis. Lecture Notes in Computer Science, 2018, , 36-47.	1.3	2
87	Can Paper Replace Laser Film to Communicate the Results of Wrist Radiographs in Trauma Cases? A Reproducibility Study of the Reading of Wrist Trauma Case Radiographs on a PACS Workstation, Laser Film, and Paper. Journal of Digital Imaging, 2013, 26, 1013-1019.	2.9	1
88	Alternative PACS interface devices are well-accepted and may reduce radiologists' musculoskeletal discomfort as compared to keyboard-mouse-recording device. European Radiology, 2020, 30, 5200-5208.	4.5	1
89	First intention vertebroplasty in fractures within an ankylosed thoracolumbar spinal segment. Diagnostic and Interventional Imaging, 2021, 102, 421-430.	3.2	1
90	Elbow Stiffness Imaging: A Practical Diagnostic and Pretherapeutic Approach. Journal of Clinical Medicine, 2021, 10, 5348.	2.4	1

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91	Grading of soft tissues sarcomas using radiomics models: Choice of imaging methods and comparison with conventional visual analysis. , 2022, 2, 100009.		1
92	Tumeurs et pseudotumeurs des parties molles de l'adulte. Apport actuel et perspectives de l'échographie. Diagnostic and Interventional Imaging, 2013, 94, 243-259.	0.0	0
93	Gluteus Maximus and Surrounding Muscles Injuries. Sports Et Traumatologie, 2017, , 335-351.	0.0	0
94	General Considerations on Muscle Denervation in Sports Activities: Shoulder Entrapment Syndromes and Compressive Neuropathies. Sports Et Traumatologie, 2017, , 145-184.	0.0	0
95	State-of-the-Art Subtalar Joint Kinematic and Stress Imaging with Emphasis on 4-D CT: Where Do We Stand and Where Are We Going. Médecine Et Chirurgie Du Pied, 2018, 34, 55-61.	0.1	0