Nicolas F Michoux

List of Publications by Year
in descending order

39 papers	864 citations	566801 15 h-index	476904 29 g-index
39 all docs	39 docs citations	39 times ranked	1443 citing authors

#	Article	IF	Citations
1	India ink artifact on Dixon out-of-phase images can be used as a landmark to measure joint space width at MRI. Diagnostic and Interventional Imaging, 2022, 103, 87-96.	1.8	2
2	MRI of Hands with Early Rheumatoid Arthritis: Usefulness of Three-Point Dixon Sequences to Quantitatively Assess Disease Activity. Journal of the Belgian Society of Radiology, 2022, 106, 1.	0.1	3
3	Whole Body MRI in the Detection of Lymph Node Metastases in Patients with Testicular Germ Cell Cancer. Life, 2022, 12, 212.	1.1	0
4	Collapse-Related Bone Changes in Osteonecrotic Femoral Heads at Multidetector CT: Comparison between Femoral Heads with Limited and Advanced Collapse. Journal of the Belgian Society of Radiology, 2022, 106, .	0.1	1
5	Comparison between 3-point Dixon- and CHESS-based OMERACT-recommended MRI protocols in hands of patients with suspicion of early rheumatoid arthritis. European Journal of Radiology, 2021, 134, 109412.	1.2	7
6	Semi-quantitative CT scoring of nailed shaft fractures during normal healing and in non-unions: comparison with radiographic scoring. European Journal of Radiology, 2021, 138, 109618.	1.2	1
7	Contrast-enhanced T1-weighted Dixon water- and fat-only images to assess osteitis and erosions according to RAMRIS in hands of patients with early rheumatoid arthritis. Diagnostic and Interventional Imaging, 2021, 102, 439-445.	1.8	5
8	Limited Performance of Estimated Total Kidney Volume for Follow-up of ADPKD. Kidney International Reports, 2021, 6, 2821-2829.	0.4	7
9	Instability of the extensor digitorum tendons in Jaccoud arthropathy assessed by semi-dynamic MRI of the metacarpophalangeal joints. Diagnostic and Interventional Imaging, 2021, 102, 553-559.	1.8	0
10	Repeatability and reproducibility of ADC measurements: a prospective multicenter whole-body-MRI study. European Radiology, 2021, 31, 4514-4527.	2.3	30
11	Value of CT to detect radiographically occult injuries of the proximal femur in elderly patients after low-energy trauma: determination of non-inferiority margins of CT in comparison with MRI. European Radiology, 2020, 30, 1113-1126.	2.3	6
12	MRI versus 18F-FDG-PET/CT for detecting bone marrow involvement in multiple myeloma: diagnostic performance and clinical relevance. European Radiology, 2020, 30, 1927-1937.	2.3	31
13	Topology of microfractures in osteonecrotic femoral heads at Î¼CT and histology. Bone, 2020, 141, 115623.	1.4	4
14	Shortening the acquisition time of whole-body MRI: 3D T1 gradient echo Dixon vs fast spin echo for metastatic screening in prostate cancer. European Radiology, 2020, 30, 3083-3093.	2.3	20
15	Inclusion of MCQs written by radiology residents in their annual evaluation: innovative method to enhance residentâ€™s empowerment?. Insights Into Imaging, 2020, 11, 8.	1.6	9
16	Semi-quantitative CT assessment of fracture healing: How many and which CT reformats should be analyzed?. European Journal of Radiology, 2019, 118, 181-186.	1.2	8
17	Pattern of metastatic deposit in recurrent prostate cancer: a whole-body MRI-based assessment of lesion distribution and effect of primary treatment. World Journal of Urology, 2019, 37, 2585-2595.	1.2	8
18	Whole-body MRI to assess bone involvement in prostate cancer and multiple myeloma: comparison of the diagnostic accuracies of the T1, short tau inversion recovery (STIR), and high b-values diffusion-weighted imaging (DWI) sequences. European Radiology, 2019, 29, 4503-4513.	2.3	43

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19	Prospective comparison of a fast 1.5â€T biparametric with the 3.0â€T multiparametric <scp>ESUR</scp> magnetic resonance imaging protocol as a triage test for men at risk of prostate cancer. BJU International, 2019, 123, 411-420.	1.3	16
20	Whole body MRI in spondyloarthritis (SpA): Preliminary results suggest that DWI outperforms STIR for lesion detection. European Radiology, 2018, 28, 4163-4173.	2.3	16
21	Whole Body MRI and oncology: recent major advances. British Journal of Radiology, 2018, 91, 20170664.	1.0	30
22	Registration strategies for multiâ€modal wholeâ€body MRI mosaicing. Magnetic Resonance in Medicine, 2018, 79, 1684-1695.	1.9	14
23	2â€²-deoxy-2â€²-[18F] fluoro-D-glucose positron emission tomography, diffusion-weighted magnetic resonance imaging, and choline spectroscopy to predict the activity of cetuximab in tumor xenografts derived from patients with squamous cell carcinoma of the head and neck. Oncotarget, 2018, 9, 28572-28585.	0.8	6
24	Fat suppression at 2D MR imaging of the hands: Dixon method versus CHESS technique and STIR sequence. European Journal of Radiology, 2017, 89, 40-46.	1.2	22
25	Multirater agreement for grading the femoral and tibial cartilage surface lesions at CT arthrography and analysis of causes of disagreement. European Journal of Radiology, 2017, 88, 95-101.	1.2	15
26	Performance of chest ultrasound in pediatric pneumonia. European Journal of Radiology, 2017, 88, 82-87.	1.2	70
27	Registration Strategies for Whole-Body Diffusion-Weighted MRI Stitching. Mathematics and Visualization, 2016, , 195-206.	0.4	1
28	Whole body MRI (WBâ€MRI) assessment of metastatic spread in prostate cancer: Therapeutic perspectives on targeted management of oligometastatic disease. Prostate, 2016, 76, 1024-1033.	1.2	43
29	Optimising TNM Staging of Patients with Prostate Cancer Using WB-MRI. Journal of the Belgian Society of Radiology, 2016, 100, 101.	0.2	7
30	The Increasing Spectrum of Indications of Whole-Body MRI Beyond Oncology: Imaging Answers to Clinical Needs. Seminars in Musculoskeletal Radiology, 2015, 19, 348-362.	0.4	17
31	Dynamic contrast-enhanced computed tomography to assess early activity of cetuximab in squamous cell carcinoma of the head and neck. Radiology and Oncology, 2015, 49, 17-25.	0.6	14
32	wbMRI to detect bone metastases: critical review on diagnostic accuracy and comparison to other imaging modalities. Clinical and Translational Imaging, 2015, 3, 141-157.	1.1	14
33	Whole-Body 3D T1-weighted MR Imaging in Patients with Prostate Cancer: Feasibility and Evaluation in Screening for Metastatic Disease. Radiology, 2015, 275, 155-166.	3.6	71
34	Texture Analysis of T2-Weighted MR Images to Assess Acute Inflammation in Brain MS Lesions. PLoS ONE, 2015, 10, e0145497.	1.1	35
35	Oneâ€step TNM staging of highâ€risk prostate cancer using magnetic resonance imaging (MRI): Toward an upfront simplified â€œallâ€inâ€oneâ€imaging approach?. Prostate, 2014, 74, 469-477.	1.2	79
36	Evaluation of DCE-MRI postprocessing techniques to assess metastatic bone marrow in patients with prostate cancer. Clinical Imaging, 2012, 36, 308-315.	0.8	14

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37	Safety, molecular, and imaging responses to cetuximab administered in a window pre-operative study in squamous cell carcinoma of the head and neck (SCCHN).. Journal of Clinical Oncology, 2012, 30, 5519-5519.	0.8	0
38	Phase II Study of Sunitinib in Recurrent or Metastatic Squamous Cell Carcinoma of the Head and Neck: GORTEC 2006-01. Journal of Clinical Oncology, 2010, 28, 21-28.	0.8	172
39	Transvascular and interstitial transport in rat hepatocellular carcinomas: Dynamic contrastâ€enhanced MRI assessment with lowâ€and highâ€molecular weight agents. Journal of Magnetic Resonance Imaging, 2008, 28, 906-914.	1.9	23