

Florian Michallek

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

198
citations

1478505

6
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractal analysis of perfusion imaging in synovitis: a novel imaging biomarker for grading inflammatory activity based on assessing angiogenesis. <i>RMD Open</i> , 2022, 8, e002078.	3.8	2
2	Accuracy of fractal analysis and PI-RADS assessment of prostate magnetic resonance imaging for prediction of cancer grade groups: a clinical validation study. <i>European Radiology</i> , 2022, 32, 2372-2383.	4.5	3
3	Fractal analysis improves tumour size measurement on computed tomography in pancreatic ductal adenocarcinoma: comparison with gross pathology and multi-parametric MRI. <i>European Radiology</i> , 2022, 32, 5053-5063.	4.5	5
4	Deep learning reconstruction improves radiomics feature stability and discriminative power in abdominal CT imaging: a phantom study. <i>European Radiology</i> , 2022, 32, 4587-4595.	4.5	17
5	Fractal analysis of 4D dynamic myocardial stress-CT perfusion imaging differentiates micro- and macrovascular ischemia in a multi-center proof-of-concept study. <i>Scientific Reports</i> , 2022, 12, 5085.	3.3	8
6	Differentiation of hepatocellular adenoma by subtype and hepatocellular carcinoma in non-cirrhotic liver by fractal analysis of perfusion MRI. <i>Insights Into Imaging</i> , 2022, 13, 81.	3.4	5
7	Fractal Analysis of Dynamic Stress CT-Perfusion Imaging for Detection of Hemodynamically Relevant Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, , .	5.3	4
8	Prediction of prostate cancer grade using fractal analysis of perfusion MRI: retrospective proof-of-principle study. <i>European Radiology</i> , 2021, , 1.	4.5	11
9	Clinical quantitative cardiac imaging for the assessment of myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2020, 17, 427-450.	13.7	94
10	Fractal analysis of the ischemic transition region in chronic ischemic heart disease using magnetic resonance imaging. <i>European Radiology</i> , 2017, 27, 1537-1546.	4.5	13
11	Fractal analysis in radiological and nuclear medicine perfusion imaging: a systematic review. <i>European Radiology</i> , 2014, 24, 60-69.	4.5	36