

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