Octavia Bane

List of Publications by Year
in descending order

40 papers	1,117 citations	361413 20 h-index	414414 32 g-index
41 all docs	41 docs citations	41 times ranked	1683 citing authors

#	Article	IF	Citations
1	Consensus-based technical recommendations for clinical translation of renal ASL MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 141-161.	2.0	80
2	Accuracy, repeatability, and interplatform reproducibility of T₁ quantification methods used for DCEâ€MRI: Results from a multicenter phantom study. Magnetic Resonance in Medicine, 2018, 79, 2564-2575.	3.0	75
3	Quantification of hepatocellular carcinoma heterogeneity with multiparametric magnetic resonance imaging. Scientific Reports, 2017, 7, 2452.	3.3	70
4	Consensus-based technical recommendations for clinical translation of renal BOLD MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 199-215.	2.0	68
5	Consensus-based technical recommendations for clinical translation of renal diffusion-weighted MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 177-195.	2.0	61
6	Interplatform reproducibility of liver and spleen stiffness measured with MR elastography. Journal of Magnetic Resonance Imaging, 2016, 43, 1064-1072.	3.4	60
7	Prospective comparison of magnetic resonance imaging to transient elastography and serum markers for liver fibrosis detection. Liver International, 2016, 36, 659-666.	3.9	54
8	Consensus-based technical recommendations for clinical translation of renal T1 and T2 mapping MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 163-176.	2.0	52
9	Intravoxel incoherent motion diffusionâ€weighted imaging of hepatocellular carcinoma: Is there a correlation with flow and perfusion metrics obtained with dynamic contrastâ€enhanced MRI?. Journal of Magnetic Resonance Imaging, 2016, 44, 856-864.	3.4	47
10	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 131-140.	2.0	44
11	3D T1 relaxometry pre and post gadoxetic acid injection for the assessment of liver cirrhosis and liver function. Magnetic Resonance Imaging, 2015, 33, 1075-1082.	1.8	41
12	Assessment of renal function using intravoxel incoherent motion diffusionâ€weighted imaging and dynamic contrastâ€enhanced MRI. Journal of Magnetic Resonance Imaging, 2016, 44, 317-326.	3.4	37
13	Value of tumor stiffness measured with MR elastography for assessment of response of hepatocellular carcinoma to locoregional therapy. Abdominal Radiology, 2017, 42, 1685-1694.	2.1	37
14	Characterization of solid renal neoplasms using MRI-based quantitative radiomics features. Abdominal Radiology, 2020, 45, 2840-2850.	2.1	36
15	Noninvasive prediction of portal pressure with MR elastography and DCEâ€MRI of the liver and spleen: Preliminary results. Journal of Magnetic Resonance Imaging, 2018, 48, 1091-1103.	3.4	33
16	Multiparametric magnetic resonance imaging shows promising results to assess renal transplant dysfunction with fibrosis. Kidney International, 2020, 97, 414-420.	5.2	30
17	Feasibility and reproducibility of BOLD and TOLD measurements in the liver with oxygen and carbogen gas challenge in healthy volunteers and patients with hepatocellular carcinoma. Journal of Magnetic Resonance Imaging, 2016, 43, 866-876.	3.4	29
18	Hemodynamic measurements with an abdominal 4D flow MRI sequence with spiral sampling and compressed sensing in patients with chronic liver disease. Journal of Magnetic Resonance Imaging, 2019, 49, 994-1005.	3.4	24

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19	Liver fat quantification: Comparison of dual-echo and triple-echo chemical shift MRI to MR spectroscopy. European Journal of Radiology, 2015, 84, 1452-1458.	2.6	23
20	Diffusion and perfusion MRI quantification in ileal Crohnâ€™s disease. European Radiology, 2019, 29, 993-1002.	4.5	22
21	Consensusâ€Based Technical Recommendations for Clinical Translation of Renal Phase Contrast <scp>MRI</scp>. Journal of Magnetic Resonance Imaging, 2022, 55, 323-335.	3.4	22
22	Magnetic resonance elastography vs. point shear wave ultrasound elastography for the assessment of renal allograft dysfunction. European Journal of Radiology, 2020, 126, 108949.	2.6	22
23	Precision of MRI radiomics features in the liver and hepatocellular carcinoma. European Radiology, 2022, 32, 2030-2040.	4.5	21
24	T_{1Ï} mapping for assessment of renal allograft fibrosis. Journal of Magnetic Resonance Imaging, 2019, 50, 1085-1091.	3.4	18
25	Noninvasive imaging assessment of portal hypertension. Abdominal Radiology, 2020, 45, 3473-3495.	2.1	16
26	Assessment of Hepatocellular Carcinoma Response to ⁹⁰Y Radioembolization Using Dynamic Contrast Materialâ€“enhanced MRI and Intravoxel Incoherent Motion Diffusion-weighted Imaging. Radiology Imaging Cancer, 2020, 2, e190094.	1.6	15
27	Splenic T_{1Ï} as a noninvasive biomarker for portal hypertension. Journal of Magnetic Resonance Imaging, 2020, 52, 787-794.	3.4	11
28	MR elastography outperforms shear wave elastography for the diagnosis of clinically significant portal hypertension. European Radiology, 2022, 32, 8339-8349.	4.5	10
29	Evaluation of ileal Crohnâ€™s disease response to TNF antagonists: Validation of MR enterography for assessing response. Initial results. European Journal of Radiology Open, 2020, 7, 100217.	1.6	9
30	Luminal Narrowing Alone Allows an Accurate Diagnosis of Crohnâ€™s Disease Small Bowel Strictures at Cross-Sectional Imaging. Journal of Crohn's and Colitis, 2021, 15, 1009-1018.	1.3	8
31	Noninvasive diagnosis of portal hypertension using gadoxetate DCE-MRI of the liver and spleen. European Radiology, 2021, 31, 4804-4812.	4.5	7
32	4D flow MRI for the assessment of renal transplant dysfunction: initial results. European Radiology, 2021, 31, 909-919.	4.5	6
33	Early effect of 90Y radioembolisation on hepatocellular carcinoma and liver parenchyma stiffness measured with MR elastography: initial experience. European Radiology, 2021, 31, 5791-5801.	4.5	6
34	Magnetic resonance elastography vs. point shear wave ultrasound elastography for the assessment of renal allograft dysfunction. European Journal of Radiology, 2020, 130, 109180.	2.6	5
35	Emerging Imaging Biomarkers in Crohn Disease. Topics in Magnetic Resonance Imaging, 2021, 30, 31-41.	1.2	5
36	Primary sclerosing cholangitis: diagnostic performance of MRI compared to blood tests and clinical scoring systems for the evaluation of histopathological severity of disease. Abdominal Radiology, 2020, 45, 354-364.	2.1	3

#	Article	IF	Citations
37	Experimental Protocols for MRI Mapping of Renal T1. Methods in Molecular Biology, 2021, 2216, 383-402.	0.9	2
38	MRI Mapping of Renal T1: Basic Concept. Methods in Molecular Biology, 2021, 2216, 157-169.	0.9	2
39	Dynamic contrast-enhanced MRI perfusion quantification in hepatocellular carcinoma: comparison of gadoxetate disodium and gadobenate dimeglumine. European Radiology, 2021, 31, 9306-9315.	4.5	2
40	Analysis Protocols for MRI Mapping of Renal T1. Methods in Molecular Biology, 2021, 2216, 577-590.	0.9	0