

Rajarshi Banerjee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

2,456
citations

26
h-index

49
g-index

104
ext. papers

3,374
ext. citations

4.9
avg, IF

4.9
L-index

#	Paper	IF	Citations
75	Multiparametric magnetic resonance for the non-invasive diagnosis of liver disease. <i>Journal of Hepatology</i> , 2014 , 60, 69-77	13.4	272
74	Myocardial tissue characterization using magnetic resonance noncontrast t1 mapping in hypertrophic and dilated cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 726-33	3.9	230
73	Normal variation of magnetic resonance T1 relaxation times in the human population at 1.5 T using ShMOLLI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 13	6.9	168
72	NGM282 Improves Liver Fibrosis and Histology in 12 Weeks in Patients With Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2020 , 71, 1198-1212	11.2	129
71	Multiparametric magnetic resonance imaging predicts clinical outcomes in patients with chronic liver disease. <i>Journal of Hepatology</i> , 2016 , 64, 308-315	13.4	127
70	Structural and functional properties of deep abdominal subcutaneous adipose tissue explain its association with insulin resistance and cardiovascular risk in men. <i>Diabetes Care</i> , 2014 , 37, 821-9	14.6	111
69	Ectopic and Visceral Fat Deposition in Lean and Obese Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 53-63	15.1	105
68	Multiparametric magnetic resonance imaging for the assessment of non-alcoholic fatty liver disease severity. <i>Liver International</i> , 2017 , 37, 1065-1073	7.9	103
67	Multiorgan impairment in low-risk individuals with post-COVID-19 syndrome: a prospective, community-based study. <i>BMJ Open</i> , 2021 , 11, e048391	3	92
66	AB064. P-35. Quantitative magnetic resonance cholangiopancreatography applications in primary sclerosing cholangitis and cholangiocarcinoma. <i>Hepatobiliary Surgery and Nutrition</i> , 2019 , 8, AB064-AB064 ^{2,1}		78
65	Sex-Specific Differences in Hepatic Fat Oxidation and Synthesis May Explain the Higher Propensity for NAFLD in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4425-33	5.6	74
64	Gender-specific differences in left ventricular remodelling in obesity: insights from cardiovascular magnetic resonance imaging. <i>European Heart Journal</i> , 2013 , 34, 292-9	9.5	66
63	Observational study of regional aortic size referenced to body size: production of a cardiovascular magnetic resonance nomogram. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, 9	6.9	57
62	Characterisation of liver fat in the UK Biobank cohort. <i>PLoS ONE</i> , 2017 , 12, e0172921	3.7	51
61	Multi-organ impairment in low-risk individuals with long COVID		51
60	A model for hepatic fibrosis: the competing effects of cell loss and iron on shortened modified Look-Locker inversion recovery T (shMOLLI-T) in the liver. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 450-462	5.6	42
59	Repeatability and reproducibility of multiparametric magnetic resonance imaging of the liver. <i>PLoS ONE</i> , 2019 , 14, e0214921	3.7	41

58	Hepatic iron is the major determinant of serum ferritin in NAFLD patients. <i>Liver International</i> , 2018 , 38, 164-173	7.9	38
57	Utility and variability of three non-invasive liver fibrosis imaging modalities to evaluate efficacy of GR-MD-02 in subjects with NASH and bridging fibrosis during a phase-2 randomized clinical trial. <i>PLoS ONE</i> , 2018 , 13, e0203054	3.7	36
56	Menopausal Status and Abdominal Obesity Are Significant Determinants of Hepatic Lipid Metabolism in Women. <i>Journal of the American Heart Association</i> , 2015 , 4, e002258	6	34
55	The interplay between metabolic alterations, diastolic strain rate and exercise capacity in mild heart failure with preserved ejection fraction: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018 , 20, 88	6.9	33
54	Interobserver Variability in Histologic Evaluation of Liver Fibrosis Using Categorical and Quantitative Scores. <i>American Journal of Clinical Pathology</i> , 2017 , 147, 364-369	1.9	31
53	Fasting Plasma Insulin Concentrations Are Associated With Changes in Hepatic Fatty Acid Synthesis and Partitioning Prior to Changes in Liver Fat Content in Healthy Adults. <i>Diabetes</i> , 2016 , 65, 1858-67	0.9	29
52	Genome-wide and Mendelian randomisation studies of liver MRI yield insights into the pathogenesis of steatohepatitis. <i>Journal of Hepatology</i> , 2020 , 73, 241-251	13.4	28
51	Lower resting and total energy expenditure in postmenopausal compared with premenopausal women matched for abdominal obesity. <i>Journal of Nutritional Science</i> , 2014 , 3, e3	2.7	28
50	Nutrition and Nonalcoholic Fatty Liver Disease: Current Perspectives. <i>Gastroenterology Clinics of North America</i> , 2020 , 49, 63-94	4.4	26
49	HIV is an independent predictor of aortic stiffness. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, 57	6.9	24
48	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021 , 74, 20-30	13.4	24
47	Improvements in ECG accuracy for diagnosis of left ventricular hypertrophy in obesity. <i>Heart</i> , 2016 , 102, 1566-72	5.1	21
46	Non-invasive assessment of portal hypertension by multi-parametric magnetic resonance imaging of the spleen: A proof of concept study. <i>PLoS ONE</i> , 2019 , 14, e0221066	3.7	19
45	Measurement of liver iron by magnetic resonance imaging in the UK Biobank population. <i>PLoS ONE</i> , 2018 , 13, e0209340	3.7	19
44	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. <i>Journal of Hepatology</i> , 2021 , 75, 770-785	13.4	19
43	Prognostic value of multiparametric magnetic resonance imaging, transient elastography and blood-based fibrosis markers in patients with chronic liver disease. <i>Liver International</i> , 2020 , 40, 3071-3082	7.9	17
42	Investigating a Liver Fat: Arterial Stiffening Pathway in Adult and Childhood Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 198-203	9.4	16
41	Obese subjects show sex-specific differences in right ventricular hypertrophy. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	15

40	Evidence of a Direct Effect of Myocardial Steatosis on LV Hypertrophy and Diastolic Dysfunction in Adult and Adolescent Obesity. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1468-1470	8.4	14
39	Multiparametric MR mapping in clinical decision-making for diffuse liver disease. <i>Abdominal Radiology</i> , 2020 , 45, 3507-3522	3	13
38	A composite biomarker using multiparametric magnetic resonance imaging and blood analytes accurately identifies patients with non-alcoholic steatohepatitis and significant fibrosis. <i>Scientific Reports</i> , 2020 , 10, 15308	4.9	13
37	Quantitative MRCP Imaging: Accuracy, Repeatability, Reproducibility, and Cohort-Derived Normative Ranges. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 807-820	5.6	11
36	Non-invasive assessment of liver disease in rats using multiparametric magnetic resonance imaging: a feasibility study. <i>Biology Open</i> , 2018 , 7,	2.2	11
35	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019 , 71, 594-602	13.4	10
34	Correlations Between MRI Biomarkers PDFF and cT1 With Histopathological Features of Non-Alcoholic Steatohepatitis. <i>Frontiers in Endocrinology</i> , 2020 , 11, 575843	5.7	10
33	Contained left ventricular rupture after acute myocardial infarction revealed by cardiovascular magnetic resonance imaging. <i>Circulation</i> , 2012 , 125, 2278-80	16.7	9
32	Quantitative multiparametric magnetic resonance imaging can aid non-alcoholic steatohepatitis diagnosis in a Japanese cohort. <i>World Journal of Gastroenterology</i> , 2021 , 27, 609-623	5.6	8
31	Age and gender dependence of pre-contrast T1-relaxation times in normal human myocardium at 1.5T using ShMOLLI. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14,	6.9	7
30	Multiparametric MRI as a Noninvasive Monitoring Tool for Children With Autoimmune Hepatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021 , 72, 108-114	2.8	7
29	Normalization of Visceral Fat and Complete Reversal of Cardiovascular Remodeling Accompany Gastric Bypass, not Banding. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2569-70	15.1	6
28	Arterial stiffness: using simple surrogate measures to make sense of a biologically complex phenomenon. <i>Hypertension Research</i> , 2012 , 35, 155-6	4.7	6
27	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer. <i>PLoS ONE</i> , 2020 , 15, e0238568	3.7	6
26	Novel Insights into Complex Cardiovascular Pathologies using 4D Flow Analysis by Cardiovascular Magnetic Resonance Imaging. <i>Current Pharmaceutical Design</i> , 2017 , 23, 3262-3267	3.3	6
25	High Liver Fat Associates with Higher Risk of Developing Symptomatic COVID-19 Infection - Initial UK Biobank Observations		6
24	Effect of Mastiha supplementation on NAFLD: The MAST4HEALTH Randomised, Controlled Trial. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2001178	5.9	6
23	Multiparametric Magnetic Resonance Imaging, Autoimmune Hepatitis, and Prediction of Disease Activity. <i>Hepatology Communications</i> , 2021 , 5, 1009-1020	6	6

22	Hepatic Steatosis, Rather Than Underlying Obesity, Increases the Risk of Infection and Hospitalization for COVID-19. <i>Frontiers in Medicine</i> , 2021 , 8, 636637	4.9	6
21	Study protocol: HepaT1ca - an observational clinical cohort study to quantify liver health in surgical candidates for liver malignancies. <i>BMC Cancer</i> , 2018 , 18, 890	4.8	6
20	Repeatability and reproducibility of deep-learning-based liver volume and Couinaud segment volume measurement tool. <i>Abdominal Radiology</i> , 2021 , 1	3	4
19	rs641738C>T near MBOAT7 is positively associated with liver fat, ALT, and histological severity of NAFLD: a meta-analysis		3
18	New boundaries of liver imaging: from morphology to function. <i>European Journal of Internal Medicine</i> , 2020 , 79, 12-22	3.9	2
17	The Effect of Multi-Parametric Magnetic Resonance Imaging in Standard of Care for Nonalcoholic Fatty Liver Disease: Protocol for a Randomized Control Trial. <i>JMIR Research Protocols</i> , 2020 , 9, e19189	2	2
16	Comparison between magnetic resonance and ultrasound-derived indicators of hepatic steatosis in a pooled NAFLD cohort. <i>PLoS ONE</i> , 2021 , 16, e0249491	3.7	2
15	Quantitative multiparametric MRI as a non-invasive stratification tool in children and adolescents with autoimmune liver disease. <i>Scientific Reports</i> , 2021 , 11, 15261	4.9	2
14	Mastiha has efficacy in immune-mediated inflammatory diseases through a microRNA-155 Th17 dependent action. <i>Pharmacological Research</i> , 2021 , 171, 105753	10.2	2
13	Reply to: "Multiparametric magnetic resonance imaging to predict clinical outcomes in patients with chronic liver disease: A cautionary note on a promising technique". <i>Journal of Hepatology</i> , 2017 , 66, 457-458	13.4	1
12	Voxel-Wise Analysis of Paediatric Liver MRI. <i>Communications in Computer and Information Science</i> , 2018 , 57-62	0.3	1
11	Novel Quantitative Magnetic Resonance Imaging Features with Liver Function Tests to Distinguish Parenchymal and Biliary Disease. <i>Communications in Computer and Information Science</i> , 2018 , 37-43	0.3	1
10	Ethnic Differences in Body Fat Deposition and Liver Fat Content in Two UK-Based Cohorts. <i>Obesity</i> , 2020 , 28, 2142-2152	8	1
9	Imaging endpoints for non-alcoholic steatohepatitis (NASH) therapeutic trials: A growing role for multiparametric MRI?. <i>Journal of Hepatology</i> , 2018 , 69, 755-756	13.4	1
8	Quantitative magnetic resonance imaging to aid clinical decision making in autoimmune hepatitis.. <i>EClinicalMedicine</i> , 2022 , 46, 101325	11.3	1
7	Patient understanding and experience of non-invasive imaging diagnostic techniques and the liver patient pathway. <i>Journal of Patient-Reported Outcomes</i> , 2021 , 5, 89	2.6	0
6	Response to letter regarding article, "myocardial tissue characterization using magnetic resonance noncontrast t1 mapping in hypertrophic and dilated cardiomyopathy". <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, e2	3.9	
5	S1178 Utility and Interpretation of the Quantitative MRI Metrics PDFF and cT1 as Biomarkers for Non-Alcoholic Steatohepatitis. <i>American Journal of Gastroenterology</i> , 2020 , 115, S589-S590	0.7	

- 4 Automated Detection of Cystic Lesions in Quantitative T1 Liver Images. *Communications in Computer and Information Science*, **2018**, 51-56 0.3
- 3 Regional Assessment of Liver Disease Progression and Response to Therapy by Multi-time Point m-SLIC Correspondence. *Communications in Computer and Information Science*, **2018**, 44-50 0.3
- 2 Precision medicine for liver tumours with quantitative MRI and whole genome sequencing (Precision1 trial): study protocol for observational cohort study.. *BMJ Open*, **2022**, 12, e057163 3
- 1 Quantitative MR in Paediatric Patients with Wilson Disease: A Case Series Review. *Children*, **2022**, 9, 613 2.8