

# Matt D Kelly

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

874  
citations

516561

16  
h-index

501076

28  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of liver fat in the UK Biobank cohort. PLoS ONE, 2017, 12, e0172921.	1.1	95
2	Genome-wide and Mendelian randomisation studies of liver MRI yield insights into the pathogenesis of steatohepatitis. Journal of Hepatology, 2020, 73, 241-251.	1.8	83
3	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. Journal of Hepatology, 2021, 74, 20-30.	1.8	77
4	Expanded Interaction Fingerprint Method for Analyzing Ligand Binding Modes in Docking and Structure-Based Drug Design. Journal of Chemical Information and Computer Sciences, 2004, 44, 1942-1951.	2.8	69
5	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. PLoS ONE, 2018, 13, e0203054.	1.1	55
6	Reference range of liver corrected T1 values in a population at low risk for fatty liver disease—a UK Biobank sub-study, with an appendix of interesting cases. Abdominal Radiology, 2019, 44, 72-84.	1.0	50
7	Correlations Between MRI Biomarkers PDFF and cT1 With Histopathological Features of Non-Alcoholic Steatohepatitis. Frontiers in Endocrinology, 2020, 11, 575843.	1.5	43
8	Role of the histidine residue at position 105 in the human $\alpha 5$ containing GABAA receptor on the affinity and efficacy of benzodiazepine site ligands. British Journal of Pharmacology, 2002, 135, 248-256.	2.7	37
9	Measurement of liver iron by magnetic resonance imaging in the UK Biobank population. PLoS ONE, 2018, 13, e0209340.	1.1	37
10	Clinical Utility of Magnetic Resonance Imaging Biomarkers for Identifying Nonalcoholic Steatohepatitis Patients at High Risk of Progression: A Multicenter Pooled Data and Meta-Analysis. Clinical Gastroenterology and Hepatology, 2022, 20, 2451-2461.e3.	2.4	37
11	A composite biomarker using multiparametric magnetic resonance imaging and blood analytes accurately identifies patients with non-alcoholic steatohepatitis and significant fibrosis. Scientific Reports, 2020, 10, 15308.	1.6	31
12	Quantitative MRCP Imaging: Accuracy, Repeatability, Reproducibility, and Cohort-Derived Normative Ranges. Journal of Magnetic Resonance Imaging, 2020, 52, 807-820.	1.9	27
13	Csrf rescues tumor growth and neoangiogenesis during liver metastasis under host angiopoietin2 deficiency. International Journal of Cancer, 2013, 132, 315-326.	2.3	24
14	Quantitative multiparametric magnetic resonance imaging can aid non-alcoholic steatohepatitis diagnosis in a Japanese cohort. World Journal of Gastroenterology, 2021, 27, 609-623.	1.4	24
15	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. Journal of Hepatology, 2019, 71, 594-602.	1.8	23
16	A New Method for Estimating the Importance of Hydrophobic Groups in the Binding Site of a Protein. Journal of Medicinal Chemistry, 2005, 48, 1069-1078.	2.9	22
17	Multiparametric Magnetic Resonance Imaging, Autoimmune Hepatitis, and Prediction of Disease Activity. Hepatology Communications, 2021, 5, 1009-1020.	2.0	20
18	Deep Quantitative Liver Segmentation and Vessel Exclusion to Assist in Liver Assessment. Communications in Computer and Information Science, 2017, , 663-673.	0.4	15

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19	Multiparametric MRI as a Noninvasive Monitoring Tool for Children With Autoimmune Hepatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 108-114.	0.9	15
20	The assessment of time-of-flight on image quality and quantification with reduced administered activity and scan times in 18F-FDG PET. <i>Nuclear Medicine Communications</i> , 2015, 36, 728-737.	0.5	12
21	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer. <i>PLoS ONE</i> , 2020, 15, e0238568.	1.1	12
22	Factors to Consider in Development of Drugs for Pediatric Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2019, 157, 1448-1456.e1.	0.6	11
23	Study protocol: HepaT1ca â€“ an observational clinical cohort study to quantify liver health in surgical candidates for liver malignancies. <i>BMC Cancer</i> , 2018, 18, 890.	1.1	10
24	Quantitative multiparametric MRI as a non-invasive stratification tool in children and adolescents with autoimmune liver disease. <i>Scientific Reports</i> , 2021, 11, 15261.	1.6	10
25	Quantitative magnetic resonance imaging to aid clinical decision making in autoimmune hepatitis. <i>EClinicalMedicine</i> , 2022, 46, 101325.	3.2	8
26	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.	0.5	5
27	Precision medicine for liver tumours with quantitative MRI and whole genome sequencing (Precision1) Tj ETQq1 1 0.784314 3gBT /Ov	0.8	5
28	Prevalence and stratification of NAFLD/NASH in a UK and US cohort using non-invasive multiparametric MRI. <i>Journal of Hepatology</i> , 2018, 68, S550.	1.8	2
29	Quantitative multiparametric MRI allows safe surgical planning in patients undergoing liver resection for colorectal liver metastases: report of two patients. <i>BJR  case Reports</i> , 2021, 7, 20200172.	0.1	2
30	Initial assessment of a model relating intratumoral genetic heterogeneity to radiological morphology. <i>British Journal of Radiology</i> , 2010, 83, 166-170.	1.0	1
31	Evaluation of multiparametric MRI in comparison with MR elastography in patients evaluated for chronic liver disease. <i>Journal of Hepatology</i> , 2018, 68, S638-S639.	1.8	1
32	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.	0.4	1
33	Quantitative MR in Paediatric Patients with Wilson Disease: A Case Series Review. <i>Children</i> , 2022, 9, 613.	0.6	1
34	354 - Prevalence and Stratification of NAFLD/NASH in a UK and US Cohort Using Non-Invasive Multiparametric MRI. <i>Gastroenterology</i> , 2018, 154, S-1084-S-1085.	0.6	0
35	Evolving diagnostic pathways in liver disease: using quantitative magnetic resonance imaging to distinguish parenchymal and biliary disease. <i>Journal of Hepatology</i> , 2018, 68, S646-S648.	1.8	0
36	PS-202-Genome-wide association studies of abdominal MRI scans identifies loci associated with liver fat and liver iron in the UK Biobank. <i>Journal of Hepatology</i> , 2019, 70, e135.	1.8	0

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37	FRI-069-Quantitative MRCP imaging: Preliminary observations in a cohort of paediatric patients with liver and biliary diseases. Journal of Hepatology, 2019, 70, e416.	1.8	0
38	Tu1529 " A Combined Blood and Mr Imaging Risk Score for Monitoring Liver Inflammation in Paediatric Aih. Gastroenterology, 2019, 156, S-1354.	0.6	0
39	FRI-013-A combined blood and MR imaging risk score for monitoring liver inflammation in paediatric AIH. Journal of Hepatology, 2019, 70, e389.	1.8	0
40	FRI-068-Quantitative biliary tree imaging by MRI: Evaluating new technology across patient cohorts with autoimmune liver disease. Journal of Hepatology, 2019, 70, e416.	1.8	0
41	SAT-435-Quantitative MRCP imaging (MRCP+): Accuracy, repeatability and reproducibility evaluation in healthy and liver disease patients. Journal of Hepatology, 2019, 70, e827-e828.	1.8	0
42	Mo1478 " Quantitative Mrcp Imaging: Preliminary Observations in a Cohort of Paediatric Patientswith Liver and Biliary Diseases. Gastroenterology, 2019, 156, S-1320-S-1321.	0.6	0
43	Tu1527 " Quantitative Biliary Tree Imaging by Mri: Evaluating New Technology Across Patient Cohorts with Autoimmune Liver Disease. Gastroenterology, 2019, 156, S-1353.	0.6	0
44	SAT-274-Repeatability and reproducibility of multiparametric magnetic resonance imaging of the liver in children. Journal of Hepatology, 2019, 70, e755.	1.8	0
45	Mo1512 " Liver Ct1 Predicts Clinical Outcomes in Patients with Chronic Liver Disease. Gastroenterology, 2019, 156, S-1325.	0.6	0
46	Automated Detection of Cystic Lesions in Quantitative T1 Liver Images. Communications in Computer and Information Science, 2018, , 51-56.	0.4	0
47	AB064. P-35. Quantitative magnetic resonance cholangiopancreatography applications in primary sclerosing cholangitis and cholangiocarcinoma. Hepatobiliary Surgery and Nutrition, 2019, 8, AB064-AB064.	0.7	0
48	Title is missing!. , 2020, 15, e0238568.		0
49	Title is missing!. , 2020, 15, e0238568.		0
50	Title is missing!. , 2020, 15, e0238568.		0
51	Title is missing!. , 2020, 15, e0238568.		0