Matt D Kelly

List of Publications by Year in Descending Order

36 papers	507 citations	12 h-index	22 g-index
55 ext. papers	759 ext. citations	4.2 avg, IF	3.61 L-index

#	Paper	IF	Citations
36	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	
35	Quantitative magnetic resonance imaging to aid clinical decision making in autoimmune hepatitis.. *EClinicalMedicine*, **2022**, 46, 101325	11.3	1
34	Quantitative MR in Paediatric Patients with Wilson Disease: A Case Series Review. *Children*, **2022**, 9, 613	2.8	
33	Multiparametric MRI as a Noninvasive Monitoring Tool for Children With Autoimmune Hepatitis. *Journal of Pediatric Gastroenterology and Nutrition*, **2021**, 72, 108-114	2.8	7
32	Quantitative multiparametric MRI allows safe surgical planning in patients undergoing liver resection for colorectal liver metastases: report of two patients. *BJR|case Reports*, **2021**, 7, 20200172	0.7	1
31	Quantitative multiparametric MRI as a non-invasive stratification tool in children and adolescents with autoimmune liver disease. *Scientific Reports*, **2021**, 11, 15261	4.9	2
30	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. *Journal of Hepatology*, **2021**, 74, 20-30	13.4	24
29	Multiparametric Magnetic Resonance Imaging, Autoimmune Hepatitis, and Prediction of Disease Activity. *Hepatology Communications*, **2021**, 5, 1009-1020	6	6
28	Quantitative multiparametric magnetic resonance imaging can aid non-alcoholic steatohepatitis diagnosis in a Japanese cohort. *World Journal of Gastroenterology*, **2021**, 27, 609-623	5.6	8
27	Quantitative MRCP Imaging: Accuracy, Repeatability, Reproducibility, and Cohort-Derived Normative Ranges. *Journal of Magnetic Resonance Imaging*, **2020**, 52, 807-820	5.6	11
26	Genome-wide and Mendelian randomisation studies of liver MRI yield insights into the pathogenesis of steatohepatitis. *Journal of Hepatology*, **2020**, 73, 241-251	13.4	28
25	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer. *PLoS ONE*, **2020**, 15, e0238568	3.7	6
24	The Effect of Multi-Parametric Magnetic Resonance Imaging in Standard of Care for Nonalcoholic Fatty Liver Disease: Protocol for a Randomized Control Trial. *JMIR Research Protocols*, **2020**, 9, e19189	2	2
23	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	4.9	13
22	Correlations Between MRI Biomarkers PDFF and cT1 With Histopathological Features of Non-Alcoholic Steatohepatitis. *Frontiers in Endocrinology*, **2020**, 11, 575843	5.7	10
21	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer **2020**, 15, e0238568		
20	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer **2020**, 15, e0238568		

19	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer **2020**, 15, e0238568		
18	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer **2020**, 15, e0238568		
17	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. *Journal of Hepatology*, **2019**, 71, 594-602	13.4	10
16	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	3	29
15	AB064. P-35. Quantitative magnetic resonance cholangiopancreatography applications in primary sclerosing cholangitis and cholangiocarcinoma. *Hepatobiliary Surgery and Nutrition*, **2019**, 8, AB064-AB064	2.1	78
14	Automated Detection of Cystic Lesions in Quantitative T1 Liver Images. *Communications in Computer and Information Science*, **2018**, 51-56	0.3	
13	Novel Quantitative Magnetic Resonance Imaging Features with Liver Function Tests to Distinguish Parenchymal and Biliary Disease. *Communications in Computer and Information Science*, **2018**, 37-43	0.3	1
12	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	
11	Measurement of liver iron by magnetic resonance imaging in the UK Biobank population. *PLoS ONE*, **2018**, 13, e0209340	3.7	19
10	Study protocol: HepaT1ca - an observational clinical cohort study to quantify liver health in surgical candidates for liver malignancies. *BMC Cancer*, **2018**, 18, 890	4.8	6
9	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	3.7	36
8	Characterisation of liver fat in the UK Biobank cohort. *PLoS ONE*, **2017**, 12, e0172921	3.7	51
7	Deep Quantitative Liver Segmentation and Vessel Exclusion to Assist in Liver Assessment. *Communications in Computer and Information Science*, **2017**, 663-673	0.3	10
6	The assessment of time-of-flight on image quality and quantification with reduced administered activity and scan times in 18F-FDG PET. *Nuclear Medicine Communications*, **2015**, 36, 728-37	1.6	9
5	G-CSF rescues tumor growth and neo-angiogenesis during liver metastasis under host angiopoietin-2 deficiency. *International Journal of Cancer*, **2013**, 132, 315-26	7.5	18
4	Initial assessment of a model relating intratumoral genetic heterogeneity to radiological morphology. *British Journal of Radiology*, **2010**, 83, 166-70	3.4	
3	A new method for estimating the importance of hydrophobic groups in the binding site of a protein. *Journal of Medicinal Chemistry*, **2005**, 48, 1069-78	8.3	18
2	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, 1942-51		63

1	Role of the histidine residue at position 105 in the human alpha 5 containing GABA(A) receptor on the affinity and efficacy of benzodiazepine site ligands. *British Journal of Pharmacology*, **2002**, 135, 248-56	86	30