

Matt D Kelly

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.

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	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
35	Expanded interaction fingerprint method for analyzing ligand binding modes in docking and structure-based drug design. <i>Journal of Chemical Information and Computer Sciences</i> , 2004 , 44, 1942-51		63
34	Characterisation of liver fat in the UK Biobank cohort. <i>PLoS ONE</i> , 2017 , 12, e0172921	3.7	51
33	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
32	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. <i>British Journal of Pharmacology</i> , 2002 , 135, 248-56 ^{8,6}		30
31	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. <i>Abdominal Radiology</i> , 2019 , 44, 72-84	3	29
30	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
29	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
28	Measurement of liver iron by magnetic resonance imaging in the UK Biobank population. <i>PLoS ONE</i> , 2018 , 13, e0209340	3.7	19
27	G-CSF rescues tumor growth and neo-angiogenesis during liver metastasis under host angiopoietin-2 deficiency. <i>International Journal of Cancer</i> , 2013 , 132, 315-26	7.5	18
26	A new method for estimating the importance of hydrophobic groups in the binding site of a protein. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1069-78	8.3	18
25	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
24	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
23	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
22	Deep Quantitative Liver Segmentation and Vessel Exclusion to Assist in Liver Assessment. <i>Communications in Computer and Information Science</i> , 2017 , 663-673	0.3	10
21	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
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, 728-37	1.6	9

19	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
18	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
17	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer. <i>PLoS ONE</i> , 2020 , 15, e0238568	3.7	6
16	Multiparametric Magnetic Resonance Imaging, Autoimmune Hepatitis, and Prediction of Disease Activity. <i>Hepatology Communications</i> , 2021 , 5, 1009-1020	6	6
15	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
14	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
13	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
12	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
11	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	0.7	1
10	Quantitative magnetic resonance imaging to aid clinical decision making in autoimmune hepatitis.. <i>EClinicalMedicine</i> , 2022 , 46, 101325	11.3	1
9	Initial assessment of a model relating intratumoral genetic heterogeneity to radiological morphology. <i>British Journal of Radiology</i> , 2010 , 83, 166-70	3.4	
8	Automated Detection of Cystic Lesions in Quantitative T1 Liver Images. <i>Communications in Computer and Information Science</i> , 2018 , 51-56	0.3	
7	Regional Assessment of Liver Disease Progression and Response to Therapy by Multi-time Point m-SLIC Correspondence. <i>Communications in Computer and Information Science</i> , 2018 , 44-50	0.3	
6	Precision medicine for liver tumours with quantitative MRI and whole genome sequencing (Precision1 trial): study protocol for observational cohort study.. <i>BMJ Open</i> , 2022 , 12, e057163	3	
5	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer 2020 , 15, e0238568		
4	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer 2020 , 15, e0238568		
3	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer 2020 , 15, e0238568		
2	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer 2020 , 15, e0238568		

- 1 Quantitative MR in Paediatric Patients with Wilson Disease: A Case Series Review. *Children*, **2022**, 9, 613 2.8