

Manil D Chouhan

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

426
citations

933447

10
h-index

752698

20
g-index

34
all docs

34
docs citations

34
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory motion correction in dynamic MRI using robust data decomposition registration – Application to DCE-MRI. <i>Medical Image Analysis</i> , 2014, 18, 301-313.	11.6	109
2	Obesity, metabolic disease and the pancreas – Quantitative imaging of pancreatic fat. <i>British Journal of Radiology</i> , 2018, 91, 20180267.	2.2	53
3	Fat fraction mapping using magnetic resonance imaging: insight into pathophysiology. <i>British Journal of Radiology</i> , 2018, 91, 20170344.	2.2	39
4	Practical guide to the management of acute pancreatitis. <i>Frontline Gastroenterology</i> , 2019, 10, 292-299.	1.8	39
5	The role of infection and inflammation in the pathogenesis of hepatic encephalopathy and cerebral edema in acute liver failure. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2006, 3, 118-119.	1.7	25
6	Caval Subtraction 2D Phase-Contrast MRI to Measure Total Liver and Hepatic Arterial Blood Flow. <i>Investigative Radiology</i> , 2017, 52, 170-176.	6.2	20
7	Vascular assessment of liver disease – towards a new frontier in MRI. <i>British Journal of Radiology</i> , 2016, 89, 20150675.	2.2	17
8	Hepatic alveolar hydatid disease (<i>Echinococcus multilocularis</i>), a mimic of liver malignancy: a review for the radiologist in non-endemic areas. <i>Clinical Radiology</i> , 2019, 74, 247-256.	1.1	13
9	Estimation of contrast agent bolus arrival delays for improved reproducibility of liver DCE MRI. <i>Physics in Medicine and Biology</i> , 2016, 61, 6905-6918.	3.0	12
10	Super-resolution for upper abdominal MRI: Acquisition and post-processing protocol optimization using brain MRI control data and expert reader validation. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1905-1919.	3.0	12
11	Localising occult prostate cancer metastasis with advanced imaging techniques (LOCATE trial): a prospective cohort, observational diagnostic accuracy trial investigating whole-body magnetic resonance imaging in radio-recurrent prostate cancer. <i>BMC Medical Imaging</i> , 2019, 19, 90.	2.7	9
12	Use of Caval Subtraction 2D Phase-Contrast MR Imaging to Measure Total Liver and Hepatic Arterial Blood Flow: Preclinical Validation and Initial Clinical Translation. <i>Radiology</i> , 2016, 280, 916-923.	7.3	8
13	Quantitative pancreatic MRI: a pathology-based review. <i>British Journal of Radiology</i> , 2019, 92, 20180941.	2.2	8
14	Experience from the first UK inter-regional specialist multidisciplinary meeting in the diagnosis and management of IgG4-related disease. <i>Clinical Medicine</i> , 2020, 20, e32-e39.	1.9	7
15	Improved hepatic arterial fraction estimation using cardiac output correction of arterial input functions for liver DCE MRI. <i>Physics in Medicine and Biology</i> , 2017, 62, 1533-1546.	3.0	6
16	Serum Scoring and Quantitative Magnetic Resonance Imaging in Intestinal Failure-Associated Liver Disease: A Feasibility Study. <i>Nutrients</i> , 2020, 12, 2151.	4.1	6
17	Current Applications and Future Development of Magnetic Resonance Fingerprinting in Diagnosis, Characterization, and Response Monitoring in Cancer. <i>Cancers</i> , 2021, 13, 4742.	3.7	5
18	Point-Spread-Function-Aware Slice-to-Volume Registration: Application to Upper Abdominal MRI Super-Resolution. <i>Lecture Notes in Computer Science</i> , 2017, , 3-13.	1.3	5

#	ARTICLE	IF	CITATIONS
19	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, 455-457.	3.7	4
20	PS-112-Endoscopic duodenal mucosal resurfacing improves hepatic fat fraction, glycemic and lipid profiles in type 2 diabetes. <i>Journal of Hepatology</i> , 2019, 70, e70-e71.	3.7	4
21	Liver perfusion MRI in a rodent model of cirrhosis: Agreement with bulk flow phase contrast MRI and noninvasive evaluation of inflammation in chronic liver disease using flow sensitive alternating inversion recovery arterial spin labelling and tissue T1. <i>NMR in Biomedicine</i> , 2021, 34, e4423.	2.8	4
22	Cardiac-induced liver deformation as a measure of liver stiffness using dynamic imaging without magnetization tagging: preclinical proof-of-concept, clinical translation, reproducibility and feasibility in patients with cirrhosis. <i>Abdominal Radiology</i> , 2021, 46, 4660-4670.	2.1	4
23	VEROnA Protocol: A Pilot, Open-Label, Single-Arm, Phase 0, Window-of-Opportunity Study of Vandetanib-Eluting Radiopaque Embolic Beads (BTG-002814) in Patients With Resectable Liver Malignancies. <i>JMIR Research Protocols</i> , 2019, 8, e13696.	1.0	4
24	Hepatocyte Labeling with ^{99m} Tc-GSA: A Potential Non-Invasive Technique for Tracking Cell Transplantation. <i>International Journal of Artificial Organs</i> , 2012, 35, 450-457.	1.4	3
25	Haemodynamic changes in cirrhosis following terlipressin and induction of sepsis: a preclinical study using caval subtraction phase-contrast and cardiac MRI. <i>European Radiology</i> , 2021, 31, 2518-2528.	4.5	3
26	Utility of diffusion-weighted imaging in the presurgical diagnosis of an infected urachal cyst. <i>Pediatric Radiology</i> , 2011, 41, 125-128.	2.0	2
27	Multi-organ quantitative MRI for the assessment of liver disease – A whole much more than the sum of its parts. <i>Journal of Hepatology</i> , 2018, 69, 996-998.	3.7	2
28	Correspondence on “The 2019 American College of Rheumatology/European League Against Rheumatism Classification Criteria for IgG4-Related Disease”™. <i>Annals of the Rheumatic Diseases</i> , 2020, , annrheumdis-2020-218894.	0.9	2
29	Phase contrast and cardiac cine MRI for non-invasive assessment of hepatic haemodynamic and cardiac systolic function in a rodent model of chronic liver disease. <i>Lancet, The</i> , 2016, 387, S27.	13.7	1
30	Initial experiences evaluating the hepatic arterial buffer response with DCE-MRI in healthy rats at 9.4T. <i>Clinical Radiology</i> , 2011, 66, S8-S9.	1.1	0
31	A multi-disciplinary approach to igG4 related disease aids in diagnosis and management. <i>Journal of Hepatology</i> , 2020, 73, S487-S488.	3.7	0
32	Imaging features for the prediction of clinical endpoints in chronic liver disease: a scoping review protocol. <i>BMJ Open</i> , 2022, 12, e053204.	1.9	0
33	Phase 0 study of vandetanib-eluting radiopaque embolics as a pre-operative embolization treatment in patients with resectable liver malignancies. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , .	0.5	0