

# David J Lomas

## List of Publications by Citations

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22  
papers

1,048  
citations

11  
h-index

23  
g-index

23  
ext. papers

1,253  
ext. citations

4.7  
avg, IF

3.45  
L-index

#	Paper	IF	Citations
22	Diagnostic performance of magnetic resonance elastography in staging liver fibrosis: a systematic review and meta-analysis of individual participant data. <i>Clinical Gastroenterology and Hepatology</i> , <b>2015</b> , 13, 440-451.e6	6.9	339
21	Magnetic resonance imaging of transverse acoustic strain waves. <i>Magnetic Resonance in Medicine</i> , <b>1996</b> , 36, 266-74	4.4	202
20	Magnetic resonance elastography for staging liver fibrosis in non-alcoholic fatty liver disease: a diagnostic accuracy systematic review and individual participant data pooled analysis. <i>European Radiology</i> , <b>2016</b> , 26, 1431-40	8	147
19	Quantifying normal human brain metabolism using hyperpolarized [1-C]pyruvate and magnetic resonance imaging. <i>NeuroImage</i> , <b>2019</b> , 189, 171-179	7.9	92
18	Imaging breast cancer using hyperpolarized carbon-13 MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 2092-2098	11.5	71
17	A comparison of quantitative methods for clinical imaging with hyperpolarized (13)C-pyruvate. <i>NMR in Biomedicine</i> , <b>2016</b> , 29, 387-99	4.4	63
16	Non-contrast-enhanced vascular magnetic resonance imaging using flow-dependent preparation with subtraction. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 67, 628-37	4.4	26
15	Diagnostic accuracy of magnetic resonance elastography in liver transplant recipients: A pooled analysis. <i>Annals of Hepatology</i> , <b>2016</b> , 15, 363-76	3.1	26
14	Reliability of magnetic resonance elastography using multislice two-dimensional spin-echo echo-planar imaging (SE-EPI) and three-dimensional inversion reconstruction for assessing renal stiffness. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 844-50	5.6	24
13	Impact of D181V and A69T on the function of ferroportin as an iron export pump and hepcidin receptor. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 1406-12	6.9	16
12	Comparison of breath-hold, respiratory navigated and free-breathing MR elastography of the liver. <i>Magnetic Resonance Imaging</i> , <b>2017</b> , 37, 46-50	3.3	13
11	Association between progressive hepatic morphology changes on serial MR imaging and clinical outcome in primary sclerosing cholangitis. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2017</b> , 61, 636-642	1.7	7
10	Evaluation of velocity-sensitized and acceleration-sensitized NCE-MRA for below-knee peripheral arterial disease. <i>Journal of Magnetic Resonance Imaging</i> , <b>2017</b> , 45, 1846-1853	5.6	6
9	A semi-automatic method for the extraction of the portal venous input function in quantitative dynamic contrast-enhanced CT of the liver. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20160875	3.4	4
8	Latest developments in the imaging of fibrotic liver disease. <i>Acta Radiologica</i> , <b>2014</b> , 55, 802-13	2	4
7	Techniques for magnetic resonance imaging of the bowel. <i>Topics in Magnetic Resonance Imaging</i> , <b>2002</b> , 13, 379-87	2.3	3
6	Subtractive non-contrast-enhanced MRI of lower limb veins using multiple flow-dependent preparation strategies. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 81, 1769-1783	4.4	2

5	The use of error-category mapping in pharmacokinetic model analysis of dynamic contrast-enhanced MRI data. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 246-51	3.3	1
4	Magnetic resonance cholangio-pancreatography. <i>British Journal of Hospital Medicine</i> , <b>2000</b> , 61, 395-399		1
3	Subtractive NCE-MRA: Improved background suppression using robust regression-based weighted subtraction. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 85, 694-708	4.4	1
2	The Control of Electromagnetic Fields at Work Regulations 2016 and medical MRI. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20160813	3.4	0
1	Highly accelerated subtractive femoral non-contrast-enhanced MRA using compressed sensing with k-space subtraction, phase and intensity correction. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 320-334	4.4	