# David J Lomas

List of Publications by Year
in descending order



| 22 | 1,388 | 840585 11 | 677027 22 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 23 | 23 | 23 | 2098 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Diagnostic Performance of Magnetic Resonance Elastography in Staging Liver Fibrosis: A Systematic Review and Meta-analysis of Individual Participant Data. Clinical Gastroenterology and Hepatology, 2015, 13, 440-451.e6. | 2.4 | 427 |
| 2 | Magnetic resonance imaging of transverse acoustic strain waves. Magnetic Resonance in Medicine, 1996, 36, 266-274. | 1.9 | 231 |
| 3 | Magnetic resonance elastography for staging liver fibrosis in non-alcoholic fatty liver disease: a diagnostic accuracy systematic review and individual participant data pooled analysis. European Radiology, 2016, 26, 1431-1440. | 2.3 | 195 |
| 4 | Quantifying normal human brain metabolism using hyperpolarized [1â€“13C]pyruvate and magnetic resonance imaging. NeuroImage, 2019, 189, 171-179. | 2.1 | 144 |
| 5 | Imaging breast cancer using hyperpolarized carbon-13 MRI. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2092-2098. | 3.3 | 138 |
| 6 | A comparison of quantitative methods for clinical imaging with hyperpolarized <sup>13</sup>Câ€pyruvate. NMR in Biomedicine, 2016, 29, 387-399. | 1.6 | 83 |
| 7 | Diagnostic accuracy of magnetic resonance elastography in liver transplant recipients: A pooled analysis. Annals of Hepatology, 2016, 15, 363-376. | 0.6 | 37 |
| 8 | Nonâ€contrastâ€enhanced vascular magnetic resonance imaging using flowâ€dependent preparation with subtraction. Magnetic Resonance in Medicine, 2012, 67, 628-637. | 1.9 | 30 |
| 9 | Reliability of magnetic resonance elastography using multislice twoâ€dimensional spinâ€echo echoâ€planar imaging (SEâ€EPI) and threeâ€dimensional inversion reconstruction for assessing renal stiffness. Journal of Magnetic Resonance Imaging, 2015, 42, 844-850. | 1.9 | 30 |
| 10 | Impact of D181V and A69T on the function of ferroportin as an iron export pump and hepcidin receptor. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1406-1412. | 1.8 | 18 |
| 11 | Comparison of breath-hold, respiratory navigated and free-breathing MR elastography of the liver. Magnetic Resonance Imaging, 2017, 37, 46-50. | 1.0 | 17 |
| 12 | Association between progressive hepatic morphology changes on serial <scp>MR</scp> imaging and clinical outcome in primary sclerosing cholangitis. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 636-642. | 0.9 | 8 |
| 13 | Latest developments in the imaging of fibrotic liver disease. Acta Radiologica, 2014, 55, 802-813. | 0.5 | 6 |
| 14 | Evaluation of velocityâ€sensitized and accelerationâ€sensitized NCEâ€MRA for belowâ€knee peripheral arterial disease. Journal of Magnetic Resonance Imaging, 2017, 45, 1846-1853. | 1.9 | 6 |
| 15 | A semi-automatic method for the extraction of the portal venous input function in quantitative dynamic contrast-enhanced CT of the liver. British Journal of Radiology, 2017, 90, 20160875. | 1.0 | 5 |
| 16 | Techniques for Magnetic Resonance Imaging of the Bowel. Topics in Magnetic Resonance Imaging, 2002, 13, 379-387. | 0.7 | 4 |
| 17 | The Control of Electromagnetic Fields at Work Regulations 2016 and medical MRI. British Journal of Radiology, 2017, 90, 20160813. | 1.0 | 2 |
| 18 | Subtractive nonâ€contrastâ€enhanced MRI of lower limb veins using multiple flowâ€dependent preparation strategies. Magnetic Resonance in Medicine, 2019, 81, 1769-1783. | 1.9 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Highly accelerated subtractive femoral nonâ€contrastâ€enhanced MRA using compressed sensing with kâ€space subtraction, phase and intensity correction. Magnetic Resonance in Medicine, 2021, 86, 320-334. | 1.9 | 2 |
| 20 | Magnetic resonance cholangio-pancreatography. British Journal of Hospital Medicine, 2000, 61, 395-399. | 0.3 | 1 |
| 21 | The use of error-category mapping in pharmacokinetic model analysis of dynamic contrast-enhanced MRI data. Magnetic Resonance Imaging, 2015, 33, 246-251. | 1.0 | 1 |
| 22 | Subtractive NCEâ€MRA: Improved background suppression using robust regressionâ€based weighted subtraction. Magnetic Resonance in Medicine, 2021, 85, 694-708. | 1.9 | 1 |