

Jonathan C Hooker Bs

List of Publications by Year in descending order

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34
papers

3,944
citations

236925

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h-index

395702

33
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34
docs citations

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times ranked

4189
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonance Elastography vs Transient Elastography in Detection of Fibrosis and Noninvasive Measurement of Steatosis in Patients With Biopsy-Proven Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2017, 152, 598-607.e2.	1.3	510
2	Magnetic resonance elastography predicts advanced fibrosis in patients with nonalcoholic fatty liver disease: A prospective study. <i>Hepatology</i> , 2014, 60, 1920-1928.	7.3	388
3	Ezetimibe for the treatment of nonalcoholic steatohepatitis: Assessment by novel magnetic resonance imaging and magnetic resonance elastography in a randomized trial (MOZART trial). <i>Hepatology</i> , 2015, 61, 1239-1250.	7.3	296
4	Sitagliptin vs. placebo for non-alcoholic fatty liver disease: A randomized controlled trial. <i>Journal of Hepatology</i> , 2016, 65, 369-376.	3.7	264
5	Magnetic Resonance vs Transient Elastography Analysis of Patients With Nonalcoholic Fatty Liver Disease: A Systematic Review and Pooled Analysis of Individual Participants. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 630-637.e8.	4.4	254
6	Optimal threshold of controlled attenuation parameter with MRIâ€œPDFF as the gold standard for the detection of hepatic steatosis. <i>Hepatology</i> , 2018, 67, 1348-1359.	7.3	250
7	Accuracy of MR Imagingâ€œestimated Proton Density Fat Fraction for Classification of Dichotomized Histologic Steatosis Grades in Nonalcoholic Fatty Liver Disease. <i>Radiology</i> , 2015, 274, 416-425.	7.3	239
8	Magnetic resonance elastography is superior to acoustic radiation force impulse for the Diagnosis of fibrosis in patients with biopsyâ€œproven nonalcoholic fatty liver disease: A prospective study. <i>Hepatology</i> , 2016, 63, 453-461.	7.3	168
9	Novel 3D Magnetic Resonance Elastography for the Noninvasive Diagnosis of Advanced Fibrosis in NAFLD: A Prospective Study. <i>American Journal of Gastroenterology</i> , 2016, 111, 986-994.	0.4	160
10	Link between gutâ€œmicrobiome derived metabolite and shared geneâ€œeffects with hepatic steatosis and fibrosis in NAFLD. <i>Hepatology</i> , 2018, 68, 918-932.	7.3	141
11	Prevalence of Nonalcoholic Fatty Liver Disease in Children with Obesity. <i>Journal of Pediatrics</i> , 2019, 207, 64-70.	1.8	130
12	Effect of Weight Loss on Magnetic Resonance Imaging Estimation of Liver Fat and Volume in Patients With Nonalcoholic Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 561-568.e1.	4.4	128
13	Association of noninvasive quantitative decline in liver fat content on MRI with histologic response in nonalcoholic steatohepatitis. <i>Therapeutic Advances in Gastroenterology</i> , 2016, 9, 692-701.	3.2	123
14	Magnetic Resonance Imaging Proton Density Fat Fraction Associates With Progression of Fibrosis in Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2018, 155, 307-310.e2.	1.3	113
15	Magnetic resonance elastography measured shear stiffness as a biomarker of fibrosis in pediatric nonalcoholic fatty liver disease. <i>Hepatology</i> , 2017, 66, 1474-1485.	7.3	103
16	Association Between Quantity of Liver Fat and Cardiovascular Risk in Patients With Nonalcoholic Fatty Liver Disease Independent of Nonalcoholic Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 1513-1520.e1.	4.4	85
17	Multicenter Validation of Association Between Decline in MRIâ€œPDFF and Histologic Response in NASH. <i>Hepatology</i> , 2020, 72, 1219-1229.	7.3	79
18	Shared genetic effects between hepatic steatosis and fibrosis: A prospective twin study. <i>Hepatology</i> , 2016, 64, 1547-1558.	7.3	64

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19	Associations between histologic features of nonalcoholic fatty liver disease (NAFLD) and quantitative diffusion-weighted MRI measurements in adults. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1629-1638.	3.4	57
20	Application of Modified Spin-Echo-based Sequences for Hepatic MR Elastography: Evaluation, Comparison with the Conventional Gradient-Echo Sequence, and Preliminary Clinical Experience. <i>Radiology</i> , 2017, 282, 390-398.	7.3	46
21	Association Between Obesity and Discordance in Fibrosis Stage Determination by Magnetic Resonance vs Transient Elastography in Patients With Nonalcoholic Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1974-1982.e7.	4.4	46
22	Quantifying Abdominal Adipose Tissue and Thigh Muscle Volume and Hepatic Proton Density Fat Fraction: Repeatability and Accuracy of an MR Imaging-based, Semiautomated Analysis Method. <i>Radiology</i> , 2017, 283, 438-449.	7.3	38
23	Weight Loss Decreases Magnetic Resonance Elastography Estimated Liver Stiffness in Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 463-464.	4.4	29
24	Hepatic R2* is more strongly associated with proton density fat fraction than histologic liver iron scores in patients with nonalcoholic fatty liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1456-1466.	3.4	28
25	MRI proton density fat fraction is robust across the biologically plausible range of triglyceride spectra in adults with nonalcoholic steatohepatitis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 995-1002.	3.4	27
26	Accuracy of multiecho magnitude-based MRI (M ² MRI) for estimation of hepatic proton density fat fraction (PDFF) in children. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1223-1232.	3.4	25
27	Liver histology and diffusion-weighted MRI in children with nonalcoholic fatty liver disease: A MAGNET study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1149-1158.	3.4	25
28	Normal range for MR elastography measured liver stiffness in children without liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 919-927.	3.4	23
29	Monitoring Fatty Liver Disease with MRI Following Bariatric Surgery: A Prospective, Dual-Center Study. <i>Radiology</i> , 2019, 290, 682-690.	7.3	22
30	Optimization of regional-of-interest sampling strategies for hepatic MRI proton density fat fraction quantification. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 988-994.	3.4	20
31	Accuracy of PDFF estimation by magnitude-based and complex-based MRI in children with MR spectroscopy as a reference. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1641-1647.	3.4	19
32	Cross-sectional correlation between hepatic R2* and proton density fat fraction (PDFF) in children with hepatic steatosis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 418-424.	3.4	19
33	Accurate diagnosis of nonalcoholic fatty liver disease in human participants via quantitative ultrasound. , 2014, , .		16
34	Assessment of a high-SNR chemical-shift-encoded MRI with complex reconstruction for proton density fat fraction (PDFF) estimation overall and in the low-fat range. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 229-238.	3.4	9