

Jonathan C Hooker Bs

List of Publications by Year in descending order

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34
papers

3,944
citations

270111

25
h-index

445137

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34
all docs

34
docs citations

34
times ranked

4489
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal range for MR elastography measured liver stiffness in children without liver disease. Journal of Magnetic Resonance Imaging, 2020, 51, 919-927.	1.9	23
2	Multicenter Validation of Association Between Decline in MRIâ€PDFF and Histologic Response in NASH. Hepatology, 2020, 72, 1219-1229.	3.6	79
3	Magnetic Resonance vs Transient Elastography Analysis of Patients With Nonalcoholic Fatty Liver Disease: A Systematic Review and Pooled Analysis of Individual Participants. Clinical Gastroenterology and Hepatology, 2019, 17, 630-637.e8.	2.4	254
4	Prevalence of Nonalcoholic Fatty Liver Disease in Children with Obesity. Journal of Pediatrics, 2019, 207, 64-70.	0.9	130
5	Monitoring Fatty Liver Disease with MRI Following Bariatric Surgery: A Prospective, Dual-Center Study. Radiology, 2019, 290, 682-690.	3.6	22
6	Hepatic R2* is more strongly associated with proton density fat fraction than histologic liver iron scores in patients with nonalcoholic fatty liver disease. Journal of Magnetic Resonance Imaging, 2019, 49, 1456-1466.	1.9	28
7	Assessment of a highâ€SNR chemicalâ€shiftâ€encoded MRI with complex reconstruction for proton density fat fraction (PDFF) estimation overall and in the lowâ€fat range. Journal of Magnetic Resonance Imaging, 2019, 49, 229-238.	1.9	9
8	Association Between Obesity and Discordance in Fibrosis Stage Determination by Magnetic Resonance vs Transient Elastography in Patients With Nonalcoholic Liver Disease. Clinical Gastroenterology and Hepatology, 2018, 16, 1974-1982.e7.	2.4	46
9	Magnetic Resonance Imaging Proton Density Fat Fraction Associates With Progression of Fibrosis in Patients With Nonalcoholic Fatty Liver Disease. Gastroenterology, 2018, 155, 307-310.e2.	0.6	113
10	Link between gutâ€microbiome derived metabolite and shared geneâ€effects with hepatic steatosis and fibrosis in NAFLD. Hepatology, 2018, 68, 918-932.	3.6	141
11	Crossâ€sectional correlation between hepatic R2* and proton density fat fraction (PDFF) in children with hepatic steatosis. Journal of Magnetic Resonance Imaging, 2018, 47, 418-424.	1.9	19
12	MRI proton density fat fraction is robust across the biologically plausible range of triglyceride spectra in adults with nonalcoholic steatohepatitis. Journal of Magnetic Resonance Imaging, 2018, 47, 995-1002.	1.9	27
13	Optimization of regionâ€ofâ€interest sampling strategies for hepatic MRI proton density fat fraction quantification. Journal of Magnetic Resonance Imaging, 2018, 47, 988-994.	1.9	20
14	Optimal threshold of controlled attenuation parameter with MRIâ€PDFF as the gold standard for the detection of hepatic steatosis. Hepatology, 2018, 67, 1348-1359.	3.6	250
15	Quantifying Abdominal Adipose Tissue and Thigh Muscle Volume and Hepatic Proton Density Fat Fraction: Repeatability and Accuracy of an MR Imagingâ€based, Semiautomated Analysis Method. Radiology, 2017, 283, 438-449.	3.6	38
16	Liver histology and diffusionâ€weighted MRI in children with nonalcoholic fatty liver disease: A MAGNET study. Journal of Magnetic Resonance Imaging, 2017, 46, 1149-1158.	1.9	25
17	Magnetic resonance elastography measured shear stiffness as a biomarker of fibrosis in pediatric nonalcoholic fatty liver disease. Hepatology, 2017, 66, 1474-1485.	3.6	103
18	Accuracy of PDFF estimation by magnitudeâ€based and complexâ€based MRI in children with MR spectroscopy as a reference. Journal of Magnetic Resonance Imaging, 2017, 46, 1641-1647.	1.9	19

#	ARTICLE	IF	CITATIONS
19	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.	0.6	510
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.	3.6	46
21	Weight Loss Decreases Magnetic Resonance Elastography Estimated Liver Stiffness in Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 463-464.	2.4	29
22	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.	1.4	123
23	Shared genetic effects between hepatic steatosis and fibrosis: A prospective twin study. <i>Hepatology</i> , 2016, 64, 1547-1558.	3.6	64
24	Sitagliptin vs. placebo for non-alcoholic fatty liver disease: A randomized controlled trial. <i>Journal of Hepatology</i> , 2016, 65, 369-376.	1.8	264
25	Magnetic resonance elastography is superior to acoustic radiation force impulse for the Diagnosis of fibrosis in patients with biopsy-proven nonalcoholic fatty liver disease: A prospective study. <i>Hepatology</i> , 2016, 63, 453-461.	3.6	168
26	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.	0.2	160
27	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.	1.9	25
28	Accuracy of MR Imaging-estimated Proton Density Fat Fraction for Classification of Dichotomized Histologic Steatosis Grades in Nonalcoholic Fatty Liver Disease. <i>Radiology</i> , 2015, 274, 416-425.	3.6	239
29	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.	2.4	85
30	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.	3.6	296
31	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.	2.4	128
32	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.	1.9	57
33	Accurate diagnosis of nonalcoholic fatty liver disease in human participants via quantitative ultrasound. , 2014, , .		16
34	Magnetic resonance elastography predicts advanced fibrosis in patients with nonalcoholic fatty liver disease: A prospective study. <i>Hepatology</i> , 2014, 60, 1920-1928.	3.6	388