

Olof Dahlqvist Leinhard

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,020
citations

331670

21
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

3966
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiometabolic Health Outcomes Associated With Discordant Visceral and Liver Fat Phenotypes: Insights From the Dallas Heart Study and UK Biobank. <i>Mayo Clinic Proceedings</i> , 2022, 97, 225-237.	3.0	26
2	Adipose tissue distribution from body MRI is associated with cross-sectional and longitudinal brain age in adults. <i>NeuroImage: Clinical</i> , 2022, 33, 102949.	2.7	22
3	21st Century Advances in Multimodality Imaging of Obesity for Care of the Cardiovascular Patient. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 482-494.	5.3	25
4	Evaluating the prevalence and severity of NAFLD in primary care: the EPSONIP study protocol. <i>BMC Gastroenterology</i> , 2021, 21, 180.	2.0	5
5	The effect on precision and T1 bias comparing two flip angles when estimating muscle fat infiltration using fatâ€referenced chemical shiftâ€encoded imaging. <i>NMR in Biomedicine</i> , 2021, 34, e4581.	2.8	5
6	Biomarkers of liver fibrosis: prospective comparison of multimodal magnetic resonance, serum algorithms and transient elastography. <i>Scandinavian Journal of Gastroenterology</i> , 2020, 55, 848-859.	1.5	15
7	Reproducibility and repeatability of MRIâ€based body composition analysis. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 3146-3156.	3.0	39
8	Evidence of Mitochondrial Dysfunction in Fibromyalgia: Deviating Muscle Energy Metabolism Detected Using Microdialysis and Magnetic Resonance. <i>Journal of Clinical Medicine</i> , 2020, 9, 3527.	2.4	17
9	MRI in Neuromuscular Diseases: An Emerging Diagnostic Tool and Biomarker for Prognosis and Efficacy. <i>Annals of Neurology</i> , 2020, 88, 669-681.	5.3	46
10	Model-inferred mechanisms of liver function from magnetic resonance imaging data: Validation and variation across a clinically relevant cohort. <i>PLoS Computational Biology</i> , 2019, 15, e1007157.	3.2	6
11	The relation between local and distal muscle fat infiltration in chronic whiplash using magnetic resonance imaging. <i>PLoS ONE</i> , 2019, 14, e0226037.	2.5	7
12	Liver R2* is affected by both iron and fat: A dual biopsyâ€validated study of chronic liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 325-333.	3.4	22
13	Title is missing!. , 2019, 14, e0226037.		0
14	Title is missing!. , 2019, 14, e0226037.		0
15	Title is missing!. , 2019, 14, e0226037.		0
16	Title is missing!. , 2019, 14, e0226037.		0
17	Title is missing!. , 2019, 14, e0226037.		0
18	Advanced Body Composition Assessment: From Body Mass Index to Body Composition Profiling. <i>Journal of Investigative Medicine</i> , 2018, 66, 1-9.	1.6	316

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19	Whole-body adipose tissue and lean muscle volumes and their distribution across gender and age: MR-derived normative values in a normal-weight Swiss population. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 449-458.	3.0	28
20	The qualitative grading of muscle fat infiltration in whiplash using fat and water magnetic resonance imaging. <i>Spine Journal</i> , 2018, 18, 717-725.	1.3	24
21	Unexpected Fat Distribution in Adolescents With Narcolepsy. <i>Frontiers in Endocrinology</i> , 2018, 9, 728.	3.5	10
22	Precision of MRI-based body composition measurements of postmenopausal women. <i>PLoS ONE</i> , 2018, 13, e0192495.	2.5	46
23	Using a 3% Proton Density Fat Fraction as a Cut-Off Value Increases Sensitivity of Detection of Hepatic Steatosis, Based on Results From Histopathology Analysis. <i>Gastroenterology</i> , 2017, 153, 53-55.e7.	1.3	51
24	Robust water fat separated dual-echo MRI by phase-sensitive reconstruction. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1208-1216.	3.0	12
25	Test-retest reliability of rapid whole body and compartmental fat volume quantification on a widebore 3T MR system in normal-weight, overweight, and obese subjects. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1464-1473.	3.4	16
26	Fat quantification in skeletal muscle using multigradient-echo imaging: Comparison of fat and water references. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 203-212.	3.4	24
27	Dense breast tissue in postmenopausal women is associated with a pro-inflammatory microenvironment <i>in vivo</i> . <i>Oncotmunology</i> , 2016, 5, e1229723.	4.6	18
28	Feasibility of MR-Based Body Composition Analysis in Large Scale Population Studies. <i>PLoS ONE</i> , 2016, 11, e0163332.	2.5	98
29	Comparing hepatic 2D and 3D magnetic resonance elastography methods in a clinical setting – Initial experiences. <i>European Journal of Radiology Open</i> , 2015, 2, 66-70.	1.6	10
30	Consistent intensity inhomogeneity correction in water-fat MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 468-476.	3.4	23
31	Characterization of brown adipose tissue by water-fat separated magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1639-1645.	3.4	23
32	Visual assessment of biliary excretion of Gd-EOB-DTPA in patients with suspected diffuse liver disease – A biopsy-verified prospective study. <i>European Journal of Radiology Open</i> , 2015, 2, 19-25.	1.6	7
33	Automatic and quantitative assessment of regional muscle volume by multi-atlas segmentation using whole-body water-fat MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1558-1569.	3.4	155
34	Normal Appearing and Diffusely Abnormal White Matter in Patients with Multiple Sclerosis Assessed with Quantitative MR. <i>PLoS ONE</i> , 2014, 9, e95161.	2.5	56
35	Brown Adipose Tissue in Humans. <i>Methods in Enzymology</i> , 2014, 537, 141-159.	1.0	56
36	Physiologically Realistic and Validated Mathematical Liver Model Reveals Hepatobiliary Transfer Rates for Gd-EOB-DTPA Using Human DCE-MRI Data. <i>PLoS ONE</i> , 2014, 9, e95700.	2.5	26

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37	Separation of advanced from mild hepatic fibrosis by quantification of the hepatobiliary uptake of Gd-EOB-DTPA. <i>European Radiology</i> , 2013, 23, 174-181.	4.5	61
38	Evidence for two types of brown adipose tissue in humans. <i>Nature Medicine</i> , 2013, 19, 631-634.	30.7	563
39	Preoperative and postoperative ¹ H-MR spectroscopy changes in frontal deep white matter and the thalamus in idiopathic normal pressure hydrocephalus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 188-193.	1.9	6
40	Increased Concentrations of Glutamate and Glutamine in Normal-Appearing White Matter of Patients with Multiple Sclerosis and Normal MR Imaging Brain Scans. <i>PLoS ONE</i> , 2013, 8, e61817.	2.5	62
41	Association between Change in Normal Appearing White Matter Metabolites and Intrathecal Inflammation in Natalizumab-Treated Multiple Sclerosis. <i>PLoS ONE</i> , 2012, 7, e44739.	2.5	16
42	Effects of moderate red wine consumption on liver fat and blood lipids: a prospective randomized study. <i>Annals of Medicine</i> , 2011, 43, 545-554.	3.8	46
43	Visual grading of 2D and 3D functional MRI compared with image-based descriptive measures. <i>European Radiology</i> , 2010, 20, 714-724.	4.5	2
44	Men develop more intraabdominal obesity and signs of the metabolic syndrome after hyperalimentation than women. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 995-1001.	3.4	30