# Olof Dahlqvist Leinhard

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5357827/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | Evidence for two types of brown adipose tissue in humans. Nature Medicine, 2013, 19, 631-634. | 30.7 | 563 |
| 2 | Advanced Body Composition Assessment: From Body Mass Index to Body Composition Profiling. Journal of Investigative Medicine, 2018, 66, 1-9. | 1.6 | 316 |
| 3 | Automatic and quantitative assessment of regional muscle volume by multiâ€atlas segmentation using wholeâ€body waterâ€“fat MRI. Journal of Magnetic Resonance Imaging, 2015, 41, 1558-1569. | 3.4 | 155 |
| 4 | Feasibility of MR-Based Body Composition Analysis in Large Scale Population Studies. PLoS ONE, 2016, 11, e0163332. | 2.5 | 98 |
| 5 | Increased Concentrations of Glutamate and Glutamine in Normal-Appearing White Matter of Patients with Multiple Sclerosis and Normal MR Imaging Brain Scans. PLoS ONE, 2013, 8, e61817. | 2.5 | 62 |
| 6 | Separation of advanced from mild hepatic fibrosis by quantification of the hepatobiliary uptake of Gd-EOB-DTPA. European Radiology, 2013, 23, 174-181. | 4.5 | 61 |
| 7 | Normal Appearing and Diffusely Abnormal White Matter in Patients with Multiple Sclerosis Assessed with Quantitative MR. PLoS ONE, 2014, 9, e95161. | 2.5 | 56 |
| 8 | Brown Adipose Tissue in Humans. Methods in Enzymology, 2014, 537, 141-159. | 1.0 | 56 |
| 9 | 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. Gastroenterology, 2017, 153, 53-55.e7. | 1.3 | 51 |
| 10 | Effects of moderate red wine consumption on liver fat and blood lipids: a prospective randomized study. Annals of Medicine, 2011, 43, 545-554. | 3.8 | 46 |
| 11 | Precision of MRI-based body composition measurements of postmenopausal women. PLoS ONE, 2018, 13, e0192495. | 2.5 | 46 |
| 12 | MRI in Neuromuscular Diseases: An Emerging Diagnostic Tool and Biomarker for Prognosis and Efficacy. Annals of Neurology, 2020, 88, 669-681. | 5.3 | 46 |
| 13 | Reproducibility and repeatability of MRIâ€based body composition analysis. Magnetic Resonance in Medicine, 2020, 84, 3146-3156. | 3.0 | 39 |
| 14 | Men develop more intraabdominal obesity and signs of the metabolic syndrome after hyperalimentation than women. Metabolism: Clinical and Experimental, 2009, 58, 995-1001. | 3.4 | 30 |
| 15 | Wholeâ€body adipose tissue and lean muscle volumes and their distribution across gender and age: MRâ€derived normative values in a normalâ€weight Swiss population. Magnetic Resonance in Medicine, 2018, 79, 449-458. | 3.0 | 28 |
| 16 | Cardiometabolic Health Outcomes Associated With Discordant Visceral and Liver Fat Phenotypes: Insights From the Dallas Heart Study and UK Biobank. Mayo Clinic Proceedings, 2022, 97, 225-237. | 3.0 | 26 |
| 17 | Physiologically Realistic and Validated Mathematical Liver Model Revels Hepatobiliary Transfer Rates for Gd-EOB-DTPA Using Human DCE-MRI Data. PLoS ONE, 2014, 9, e95700. | 2.5 | 26 |
| 18 | 21st Century Advances in Multimodality Imaging of Obesity for Care of the Cardiovascular Patient. JACC: Cardiovascular Imaging, 2021, 14, 482-494. | 5.3 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Fat quantification in skeletal muscle using multigradient-echo imaging: Comparison of fat and water references. Journal of Magnetic Resonance Imaging, 2016, 43, 203-212. | 3.4 | 24 |
| 20 | The qualitative grading of muscle fat infiltration in whiplash using fat and water magnetic resonance imaging. Spine Journal, 2018, 18, 717-725. | 1.3 | 24 |
| 21 | Consistent intensity inhomogeneity correction in water-fat MRI. Journal of Magnetic Resonance Imaging, 2015, 42, 468-476. | 3.4 | 23 |
| 22 | Characterization of brown adipose tissue by waterâ€“fat separated magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2015, 42, 1639-1645. | 3.4 | 23 |
| 23 | Liver R2* is affected by both iron and fat: A dual biopsyâ€validated study of chronic liver disease. Journal of Magnetic Resonance Imaging, 2019, 50, 325-333. | 3.4 | 22 |
| 24 | Adipose tissue distribution from body MRI is associated with cross-sectional and longitudinal brain age in adults. NeuroImage: Clinical, 2022, 33, 102949. | 2.7 | 22 |
| 25 | Dense breast tissue in postmenopausal women is associated with a pro-inflammatory microenvironment in vivo. OncoImmunology, 2016, 5, e1229723. | 4.6 | 18 |
| 26 | Evidence of Mitochondrial Dysfunction in Fibromyalgia: Deviating Muscle Energy Metabolism Detected Using Microdialysis and Magnetic Resonance. Journal of Clinical Medicine, 2020, 9, 3527. | 2.4 | 17 |
| 27 | Association between Change in Normal Appearing White Matter Metabolites and Intrathecal Inflammation in Natalizumab-Treated Multiple Sclerosis. PLoS ONE, 2012, 7, e44739. | 2.5 | 16 |
| 28 | 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. Journal of Magnetic Resonance Imaging, 2016, 44, 1464-1473. | 3.4 | 16 |
| 29 | Biomarkers of liver fibrosis: prospective comparison of multimodal magnetic resonance, serum algorithms and transient elastography. Scandinavian Journal of Gastroenterology, 2020, 55, 848-859. | 1.5 | 15 |
| 30 | Robust water fat separated dualâ€echo <scp>MRI</scp> by phaseâ€sensitive reconstruction. Magnetic Resonance in Medicine, 2017, 78, 1208-1216. | 3.0 | 12 |
| 31 | Comparing hepatic 2D and 3D magnetic resonance elastography methods in a clinical setting â€“ Initial experiences. European Journal of Radiology Open, 2015, 2, 66-70. | 1.6 | 10 |
| 32 | Unexpected Fat Distribution in Adolescents With Narcolepsy. Frontiers in Endocrinology, 2018, 9, 728. | 3.5 | 10 |
| 33 | Visual assessment of biliary excretion of Gd-EOB-DTPA in patients with suspected diffuse liver disease â€“ A biopsy-verified prospective study. European Journal of Radiology Open, 2015, 2, 19-25. | 1.6 | 7 |
| 34 | The relation between local and distal muscle fat infiltration in chronic whiplash using magnetic resonance imaging. PLoS ONE, 2019, 14, e0226037. | 2.5 | 7 |
| 35 | Preoperative and postoperative<sup>1</sup>H-MR spectroscopy changes in frontal deep white matter and the thalamus in idiopathic normal pressure hydrocephalus. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 188-193. | 1.9 | 6 |
| 36 | Model-inferred mechanisms of liver function from magnetic resonance imaging data: Validation and variation across a clinically relevant cohort. PLoS Computational Biology, 2019, 15, e1007157. | 3.2 | 6 |

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| 37 | Evaluating the prevalence and severity of NAFLD in primary care: the EPSONIP study protocol. BMC Gastroenterology, 2021, 21, 180. | 2.0 | 5 |
| 38 | The effect on precision and T1 bias comparing two flip angles when estimating muscle fat infiltration using fatâ€referenced chemical shiftâ€encoded imaging. NMR in Biomedicine, 2021, 34, e4581. | 2.8 | 5 |
| 39 | Visual grading of 2D and 3D functional MRI compared with image-based descriptive measures. European Radiology, 2010, 20, 714-724. | 4.5 | 2 |
| 40 | Title is missing!. , 2019, 14, e0226037. | | 0 |
| 41 | Title is missing!. , 2019, 14, e0226037. | | 0 |
| 42 | Title is missing!. , 2019, 14, e0226037. | | 0 |
| 43 | Title is missing!. , 2019, 14, e0226037. | | 0 |
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