

# E L Thomas

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

11,757  
citations

30551

56  
h-index

33145

104  
g-index

167  
all docs

167  
docs citations

167  
times ranked

15960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. <i>Cell Reports Medicine</i> , 2022, 3, 100477.	3.3	39
2	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation. <i>ELife</i> , 2022, 11, .	2.8	10
3	Estimating the Effect of Liver and Pancreas Volume and Fat Content on Risk of Diabetes: A Mendelian Randomization Study. <i>Diabetes Care</i> , 2022, 45, 460-468.	4.3	27
4	Precision MRI phenotyping enables detection of small changes in body composition for longitudinal cohorts. <i>Scientific Reports</i> , 2022, 12, 3748.	1.6	6
5	A cross-sectional MR study of body fat volumes and distribution in chronic schizophrenia. <i>NPJ Schizophrenia</i> , 2022, 8, 24.	2.0	1
6	Infection with the hepatitis C virus causes viral genotype-specific differences in cholesterol metabolism and hepatic steatosis. <i>Scientific Reports</i> , 2022, 12, 5562.	1.6	8
7	Analysis of MRI-derived spleen iron in the UK Biobank identifies genetic variation linked to iron homeostasis and hemolysis. <i>American Journal of Human Genetics</i> , 2022, 109, 1092-1104.	2.6	7
8	Mass Univariate Regression Analysis for Three-Dimensional Liver Image-Derived Phenotypes. <i>Lecture Notes in Computer Science</i> , 2021, , 165-176.	1.0	4
9	Acetate Induces Growth Arrest in Colon Cancer Cells Through Modulation of Mitochondrial Function. <i>Frontiers in Nutrition</i> , 2021, 8, 588466.	1.6	16
10	Genetic Evidence for Different Adiposity Phenotypes and Their Opposing Influences on Ectopic Fat and Risk of Cardiometabolic Disease. <i>Diabetes</i> , 2021, 70, 1843-1856.	0.3	42
11	Cannabidiol Modulates Mitochondrial Redox and Dynamics in MCF7 Cancer Cells: A Study Using Fluorescence Lifetime Imaging Microscopy of NAD(P)H. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 630107.	1.6	6
12	Genetic architecture of 11 organ traits derived from abdominal MRI using deep learning. <i>ELife</i> , 2021, 10, .	2.8	102
13	3D Deep Learning for Anatomical Structure Segmentation in Multiple Imaging Modalities. , 2021, 2021, 166-171.		4
14	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021, 44, 511-518.	4.3	16
15	Adipose tissue dysfunction, inflammation, and insulin resistance: alternative pathways to cardiac remodelling in schizophrenia. A multimodal, caseâ€“control study. <i>Translational Psychiatry</i> , 2021, 11, 614.	2.4	10
16	Normalized Indices Derived from Visceral Adipose Mass Assessed by Magnetic Resonance Imaging and Their Correlation with Markers for Insulin Resistance and Prediabetes. <i>Nutrients</i> , 2020, 12, 2064.	1.7	17
17	Ethnic Differences in Body Fat Deposition and Liver Fat Content in Two UKâ€“Based Cohorts. <i>Obesity</i> , 2020, 28, 2142-2152.	1.5	9
18	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020, 58, 102932.	2.7	3

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19	Automated Measurement of Pancreatic Fat and Iron Concentration Using Multi-Echo and T1-Weighted MRI Data. , 2020, , .		11
20	Machine learning prediction of susceptibility to visceral fat associated diseases. Health and Technology, 2020, 10, 925-944.	2.1	7
21	Large-scale analysis of iliopsoas muscle volumes in the UK Biobank. Scientific Reports, 2020, 10, 20215.	1.6	16
22	Ethnic differences in adiposity and diabetes risk “ insights from genetic studies. Journal of Internal Medicine, 2020, 288, 271-283.	2.7	42
23	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. PLoS Medicine, 2020, 17, e1003149.	3.9	47
24	The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. Diabetologia, 2020, 63, 744-756.	2.9	12
25	Genome-wide and Mendelian randomisation studies of liver MRI yield insights into the pathogenesis of steatohepatitis. Journal of Hepatology, 2020, 73, 241-251.	1.8	83
26	HDL-apoA-I kinetics in response to 16 wk of exercise training in men with nonalcoholic fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E839-E847.	1.8	13
27	Machine Learning Classification of Females Susceptibility to Visceral Fat Associated Diseases. IFMBE Proceedings, 2020, , 679-693.	0.2	0
28	Title is missing!. , 2020, 17, e1003149.		0
29	Title is missing!. , 2020, 17, e1003149.		0
30	Title is missing!. , 2020, 17, e1003149.		0
31	Title is missing!. , 2020, 17, e1003149.		0
32	Title is missing!. , 2020, 17, e1003149.		0
33	Reference range of liver corrected T1 values in a population at low risk for fatty liver disease“a UK Biobank sub-study, with an appendix of interesting cases. Abdominal Radiology, 2019, 44, 72-84.	1.0	50
34	The effects of dietary supplementation with inulin and inulin“propionate ester on hepatic steatosis in adults with non“alcoholic fatty liver disease. Diabetes, Obesity and Metabolism, 2019, 21, 372-376.	2.2	73
35	A Framework for Automatic Morphological Feature Extraction and Analysis of Abdominal Organs in MRI Volumes. Journal of Medical Systems, 2019, 43, 334.	2.2	6
36	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. Diabetologia, 2019, 62, 1601-1615.	2.9	22

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37	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019, 71, 594-602.	1.8	23
38	Cannabidiol Affects Extracellular Vesicle Release, miR21 and miR126, and Reduces Prohibitin Protein in Glioblastoma Multiforme Cells. <i>Translational Oncology</i> , 2019, 12, 513-522.	1.7	55
39	Genome-Wide and Abdominal MRI Data Provide Evidence That a Genetically Determined Favorable Adiposity Phenotype Is Characterized by Lower Ectopic Liver Fat and Lower Risk of Type 2 Diabetes, Heart Disease, and Hypertension. <i>Diabetes</i> , 2019, 68, 207-219.	0.3	72
40	LEAP2 changes with body mass and food intake in humans and mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 3909-3923.	3.9	130
41	Advancing Pancreas Segmentation in Multi-protocol MRI Volumes Using Hausdorff-Sine Loss Function. <i>Lecture Notes in Computer Science</i> , 2019, , 27-35.	1.0	5
42	Rifaximin in non-alcoholic steatohepatitis: An open-label pilot study. <i>Hepatology Research</i> , 2018, 48, 69-77.	1.8	36
43	Measurement of liver iron by magnetic resonance imaging in the UK Biobank population. <i>PLoS ONE</i> , 2018, 13, e0209340.	1.1	37
44	Non-alcoholic fatty liver disease: Relationship with cardiovascular risk markers and clinical endpoints. <i>Diabetes Research and Clinical Practice</i> , 2018, 144, 144-152.	1.1	25
45	Body Composition Profiling in the UK Biobank Imaging Study. <i>Obesity</i> , 2018, 26, 1785-1795.	1.5	125
46	Plasma metabolome analysis identifies distinct human metabolotypes in the postprandial state with different susceptibility to weight loss-mediated metabolic improvements. <i>FASEB Journal</i> , 2018, 32, 5447-5458.	0.2	54
47	Cannabidiol (CBD) Is a Novel Inhibitor for Exosome and Microvesicle (EMV) Release in Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 889.	1.6	115
48	Impact of liver fat on the differential partitioning of hepatic triacylglycerol into VLDL subclasses on high and low sugar diets. <i>Clinical Science</i> , 2017, 131, 2561-2573.	1.8	31
49	A Framework for Morphological Feature Extraction of Organs from MR Images for Detection and Classification of Abnormalities. , 2017, , .		5
50	Cationic lipid-based nanoparticles mediate functional delivery of acetate to tumor cells in vivo leading to significant anticancer effects. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6677-6685.	3.3	16
51	Characterisation of liver fat in the UK Biobank cohort. <i>PLoS ONE</i> , 2017, 12, e0172921.	1.1	95
52	Psoas major cross-sectional area: A potential marker of cardiorespiratory fitness. <i>International Journal of Clinical and Experimental Physiology</i> , 2017, 4, 15.	0.2	7
53	In Vivo NMR, Applications, Other Nuclei. , 2017, , 222-228.		0
54	Liver fat in adults with GH deficiency: comparison to matched controls and the effect of GH replacement. <i>Clinical Endocrinology</i> , 2016, 85, 76-84.	1.2	20

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55	Effect of energy restriction and physical exercise intervention on phenotypic flexibility as examined by transcriptomics analyses of <scp>mRNA</scp> from adipose tissue and whole body magnetic resonance imaging. <i>Physiological Reports</i> , 2016, 4, e13019.	0.7	21
56	Nutritional Evaluation and Optimisation in Neonates: a randomized, double-blind controlled trial of amino acid regimen and intravenous lipid composition in preterm parenteral nutrition. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1443-1452.	2.2	89
57	Exercise Training Reduces Liver Fat and Increases Rates of VLDL Clearance But Not VLDL Production in NAFLD. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4219-4228.	1.8	83
58	Dissociation between exercise-induced reduction in liver fat and changes in hepatic and peripheral glucose homeostasis in obese patients with non-alcoholic fatty liver disease. <i>Clinical Science</i> , 2016, 130, 93-104.	1.8	100
59	Efficacy and Safety of Cannabidiol and Tetrahydrocannabinol on Glycemic and Lipid Parameters in Patients With Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Pilot Study. <i>Diabetes Care</i> , 2016, 39, 1777-1786.	4.3	191
60	Reprogramming of hepatic fat accumulation and 'browning' of adipose tissue by the short-chain fatty acid acetate. <i>International Journal of Obesity</i> , 2016, 40, 955-963.	1.6	171
61	Feasibility of MR-Based Body Composition Analysis in Large Scale Population Studies. <i>PLoS ONE</i> , 2016, 11, e0163332.	1.1	98
62	Effects of elevating colonic propionate on liver fat content in overweight adults with non-alcoholic fatty liver disease: a pilot study. <i>Proceedings of the Nutrition Society</i> , 2015, 74, .	0.4	4
63	A randomized controlled trial: the effect of inulin on weight management and ectopic fat in subjects with prediabetes. <i>Nutrition and Metabolism</i> , 2015, 12, 36.	1.3	53
64	Validation of a fast method for quantification of intra-abdominal and subcutaneous adipose tissue for large-scale human studies. <i>NMR in Biomedicine</i> , 2015, 28, 1747-1753.	1.6	53
65	Exercise training alters VLDL TG and apoB metabolism in men with non-alcoholic liver disease (NAFLD). <i>Atherosclerosis</i> , 2015, 241, e103.	0.4	1
66	Sexual dimorphism in relation to adipose tissue and intrahepatocellular lipid deposition in early infancy. <i>International Journal of Obesity</i> , 2015, 39, 629-632.	1.6	18
67	Circulating Pancreatic Polypeptide Concentrations Predict Visceral and Liver Fat Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1048-1052.	1.8	16
68	Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. <i>Gut</i> , 2015, 64, 1744-1754.	6.1	950
69	The association between objectively measured sitting and standing with body composition: a pilot study using MRI. <i>BMJ Open</i> , 2014, 4, e005476-e005476.	0.8	32
70	Efficacy of increased resistant starch consumption in human type 2 diabetes. <i>Endocrine Connections</i> , 2014, 3, 75-84.	0.8	104
71	Preterm nutritional intake and MRI phenotype at term age: a prospective observational study. <i>BMJ Open</i> , 2014, 4, e005390.	0.8	27
72	External validation of the fatty liver index and lipid accumulation product indices, using <sup>1</sup> H-magnetic resonance spectroscopy, to identify hepatic steatosis in healthy controls and obese, insulin-resistant individuals. <i>European Journal of Endocrinology</i> , 2014, 171, 561-569.	1.9	126

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73	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014, 5, 3611.	5.8	1,129
74	The impact of oligofructose on stimulation of gut hormones, appetite regulation and adiposity. <i>Obesity</i> , 2014, 22, 1430-1438.	1.5	73
75	Adiposity and hepatic lipid in healthy full-term, breastfed, and formula-fed human infants: a prospective short-term longitudinal cohort study. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1034-1040.	2.2	15
76	Targeted delivery of propionate to the human colon prevents body weight and intra-abdominal adipose tissue gain in overweight adults. <i>Proceedings of the Nutrition Society</i> , 2014, 73, .	0.4	1
77	Body fat: our own Janus. , 2014, , 24-27.		1
78	A history of previous gestational diabetes mellitus is associated with adverse changes in insulin secretion and VLDL metabolism independently of increased intrahepatocellular lipid. <i>Diabetologia</i> , 2013, 56, 2021-2033.	2.9	19
79	Whole body fat: Content and distribution. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2013, 73, 56-80.	3.9	109
80	Early nutritional determinants of intrahepatocellular lipid deposition in preterm infants at term age. <i>International Journal of Obesity</i> , 2013, 37, 500-504.	1.6	13
81	PTU-113&#x2013;Rifaximin in Non-Alcoholic Steatohepatitis: an Open-Label Pilot Study. <i>Gut</i> , 2013, 62, A92.1-A92.	6.1	1
82	Hepatic steatosis, GH deficiency and the effects of GH replacement: a Liverpool magnetic resonance spectroscopy study. <i>European Journal of Endocrinology</i> , 2012, 166, 993-1002.	1.9	45
83	Excess body fat in obese and normal-weight subjects. <i>Nutrition Research Reviews</i> , 2012, 25, 150-161.	2.1	130
84	Polycystic Ovary Syndrome with Hyperandrogenism Is Characterized by an Increased Risk of Hepatic Steatosis Compared to Nonhyperandrogenic PCOS Phenotypes and Healthy Controls, Independent of Obesity and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3709-3716.	1.8	198
85	Intrahepatic Insulin Exposure, Intrahepatocellular Lipid and Regional Body Fat in Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2151-2159.	1.8	22
86	Relation between trunk fat volume and reduction of total lung capacity in obese men. <i>Journal of Applied Physiology</i> , 2012, 112, 118-126.	1.2	20
87	Individuals with moderately raised liver fat show a greater increase in liver fat in response to a high sugar diet. <i>Proceedings of the Nutrition Society</i> , 2012, 71, .	0.4	1
88	Fermentable Carbohydrate Alters Hypothalamic Neuronal Activity and Protects Against the Obesogenic Environment. <i>Obesity</i> , 2012, 20, 1016-1023.	1.5	72
89	Fatty acid flux and oxidation are increased by rimonabant in obese women. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1220-1223.	1.5	11
90	The effect of preterm birth on adiposity and metabolic pathways and the implications for later life. <i>Clinical Lipidology</i> , 2012, 7, 275-288.	0.4	15

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91	The Missing Risk: MRI and MRS Phenotyping of Abdominal Adiposity and Ectopic Fat. <i>Obesity</i> , 2012, 20, 76-87.	1.5	156
92	Gender Differences in VLDL <sub>1</sub> and VLDL <sub>2</sub> Triglyceride Kinetics and Fatty Acid Kinetics in Obese Postmenopausal Women and Obese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2475-2481.	1.8	15
93	Differential Effects of Two Fermentable Carbohydrates on Central Appetite Regulation and Body Composition. <i>PLoS ONE</i> , 2012, 7, e43263.	1.1	66
94	Improved Glycaemia Correlates with Liver Fat Reduction in Obese, Type 2 Diabetes, Patients Given Glucagon-Like Peptide-1 (GLP-1) Receptor Agonists. <i>PLoS ONE</i> , 2012, 7, e50117.	1.1	191
95	The Influence of Maternal Body Mass Index on Infant Adiposity and Hepatic Lipid Content. <i>Pediatric Research</i> , 2011, 70, 287-291.	1.1	145
96	Effects of 8 weeks oligofructose supplementation on appetite and body weight in overweight and obese adults. <i>Proceedings of the Nutrition Society</i> , 2011, 70, .	0.4	1
97	Aberrant Adiposity and Ectopic Lipid Deposition Characterize the Adult Phenotype of the Preterm Infant. <i>Pediatric Research</i> , 2011, 70, 507-512.	1.1	99
98	Recent advances in imaging hepatic fibrosis and steatosis. <i>Expert Review of Gastroenterology and Hepatology</i> , 2011, 5, 91-104.	1.4	15
99	Pragmatic study of orlistat 60%mg on abdominal obesity. <i>European Journal of Clinical Nutrition</i> , 2011, 65, 1256-1262.	1.3	12
100	Reduction of total lung capacity in obese men: comparison of total intrathoracic and gas volumes. <i>Journal of Applied Physiology</i> , 2010, 108, 1605-1612.	1.2	69
101	Estimation of abdominal fat compartments by bioelectrical impedance: the validity of the ViScan measurement system in comparison with MRI. <i>European Journal of Clinical Nutrition</i> , 2010, 64, 525-533.	1.3	58
102	Resistant starch improves insulin sensitivity in metabolic syndrome. <i>Diabetic Medicine</i> , 2010, 27, 391-397.	1.2	212
103	Corrections. <i>Archives of Disease in Childhood</i> , 2010, 95, 1071-1071.	1.0	10
104	Proton magnetic resonance spectroscopy and ultrasound for hepatic fat quantification. <i>Hepatology Research</i> , 2010, 40, 399-406.	1.8	30
105	Whole Body Magnetic Resonance Imaging of Healthy Newborn Infants Demonstrates Increased Central Adiposity in Asian Indians. <i>Pediatric Research</i> , 2009, 65, 584-587.	1.1	92
106	Obesity, diabetes and longevity in the Gulf: Is there a Gulf Metabolic Syndrome?. <i>International Journal of Diabetes Mellitus</i> , 2009, 1, 43-54.	0.6	10
107	Fat distribution in men of different waist girth, fitness level and exercise habit. <i>International Journal of Obesity</i> , 2009, 33, 1356-1362.	1.6	44
108	Incidental findings in healthy control research subjects using whole-body MRI. <i>European Journal of Radiology</i> , 2009, 72, 529-533.	1.2	68

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109	Non-invasive means of measuring hepatic fat content. <i>World Journal of Gastroenterology</i> , 2008, 14, 3476.	1.4	226
110	Pioglitazone added to conventional lipid-lowering treatment in familial combined hyperlipidaemia improves parameters of metabolic control: Relation to liver, muscle and regional body fat content. <i>Atherosclerosis</i> , 2007, 195, e181-e190.	0.4	24
111	Creatine supplements in patients with idiopathic inflammatory myopathies who are clinically weak after conventional pharmacologic treatment: Six-month, double-blind, randomized, placebo-controlled trial. <i>Arthritis and Rheumatism</i> , 2007, 57, 694-702.	6.7	116
112	Exercise training reduces fatty acid availability and improves the insulin sensitivity of glucose metabolism. <i>Diabetologia</i> , 2007, 50, 404-413.	2.9	169
113	Critical role for peptide YY in protein-mediated satiation and body-weight regulation. <i>Cell Metabolism</i> , 2006, 4, 223-233.	7.2	501
114	Determinants of Adiposity during Preweaning Postnatal Growth in Appropriately Grown and Growth-Restricted Term Infants. <i>Pediatric Research</i> , 2006, 60, 345-348.	1.1	69
115	Effect of nutritional counselling on hepatic, muscle and adipose tissue fat content and distribution in non-alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2006, 12, 5813.	1.4	100
116	Hepatic triglyceride content and its relation to body adiposity: a magnetic resonance imaging and proton magnetic resonance spectroscopy study. <i>Gut</i> , 2005, 54, 122-127.	6.1	284
117	Altered Adiposity after Extremely Preterm Birth. <i>Pediatric Research</i> , 2005, 57, 211-215.	1.1	261
118	Excess Visceral and Hepatic Adipose Tissue in Turner Syndrome Determined by Magnetic Resonance Imaging: Estrogen Deficiency Associated with Hepatic Adipose Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2631-2635.	1.8	76
119	Elevated Fasting Plasma Ghrelin in Prader-Willi Syndrome Adults Is Not Solely Explained by Their Reduced Visceral Adiposity and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1718-1726.	1.8	107
120	Distribution of Adipose Tissue in the Newborn. <i>Pediatric Research</i> , 2004, 55, 437-441.	1.1	105
121	Familial partial lipodystrophy associated with compound heterozygosity for novel mutations in the LMNA gene. <i>Diabetologia</i> , 2004, 47, 753-756.	2.9	41
122	Influence of undersampling on magnetic resonance imaging measurements of intra-abdominal adipose tissue. <i>International Journal of Obesity</i> , 2003, 27, 211-218.	1.6	88
123	Human Metabolic Syndrome Resulting From Dominant-Negative Mutations in the Nuclear Receptor Peroxisome Proliferator-Activated Receptor- $\alpha$ . <i>Diabetes</i> , 2003, 52, 910-917.	0.3	412
124	Carbohydrate-induced manipulation of insulin sensitivity independently of intramyocellular lipids. <i>British Journal of Nutrition</i> , 2003, 89, 365-374.	1.2	29
125	Resting metabolic rate, plasma leptin concentrations, leptin receptor expression, and adipose tissue measured by whole-body magnetic resonance imaging in women with Prader-Willi syndrome. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 468-475.	2.2	98
126	Fast and reproducible method for the direct quantitation of adipose tissue in newborn infants. <i>Lipids</i> , 2002, 37, 95-100.	0.7	59



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127	Digenic inheritance of severe insulin resistance in a human pedigree. <i>Nature Genetics</i> , 2002, 31, 379-384.	9.4	134
128	Visceral Adipose Tissue and Metabolic Complications of Obesity Are Reduced in Prader-Willi Syndrome Female Adults: Evidence for Novel Influences on Body Fat Distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 4330-4338.	1.8	149
129	Preferential loss of visceral fat following aerobic exercise, measured by magnetic resonance imaging. <i>Lipids</i> , 2000, 35, 769-776.	0.7	88
130	In vivo evaluation of the effects of continuous exercise on skeletal muscle triglycerides in trained humans. <i>Lipids</i> , 2000, 35, 1313-1318.	0.7	55
131	Diversity in levels of intracellular total creatine and triglycerides in human skeletal muscles observed by <sup>1</sup> H-MRS. <i>Journal of Applied Physiology</i> , 1999, 87, 2068-2072.	1.2	85
132	Relation of triglyceride stores in skeletal muscle cells to central obesity and insulin sensitivity in European and South Asian men. <i>Diabetologia</i> , 1999, 42, 932-935.	2.9	214
133	Angiotensin-converting-enzyme gene insertion/deletion polymorphism and response to physical training. <i>Lancet</i> , The, 1999, 353, 541-545.	6.3	232
134	Human gene for physical performance. <i>Nature</i> , 1998, 393, 221-222.	13.7	515
135	Intracellular and extracellular skeletal muscle triglyceride metabolism during alternating intensity exercise in humans. <i>Journal of Physiology</i> , 1998, 510, 615-622.	1.3	79
136	Critical assessment of in vivo <sup>13</sup> C NMR spectroscopy and gas-liquid chromatography in the study of adipose tissue composition. , 1998, 11, 290-296.		15
137	In vivo and in vitro hepatic phosphorus-31 magnetic resonance spectroscopy and electron microscopy in chronic ductopenic rejection of human liver allografts. <i>Gut</i> , 1998, 42, 735-743.	6.1	39
138	Magnetic resonance imaging of total body fat. <i>Journal of Applied Physiology</i> , 1998, 85, 1778-1785.	1.2	284
139	In vivo assessment of metabolic perturbations following alanine and glucagon administration using <sup>31</sup> P-MRS in the rat. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1335, 290-304.	1.1	7
140	Noninvasive characterization of neonatal adipose tissue by <sup>13</sup> C magnetic resonance spectroscopy. <i>Lipids</i> , 1997, 32, 645-651.	0.7	15
141	Changes in adipose tissue composition in malnourished patients before and after liver transplantation: A carbon-13 magnetic resonance spectroscopy and gas-liquid chromatography study. <i>Hepatology</i> , 1997, 25, 178-183.	3.6	20
142	Automated feature extraction for the classification of human in vivo <sup>13</sup> C NMR spectra using statistical pattern recognition and wavelets. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 834-840.	1.9	19
143	An in vivo <sup>13</sup> C magnetic resonance spectroscopic study of the relationship between diet and adipose tissue composition. <i>Lipids</i> , 1996, 31, 145-151.	0.7	53
144	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution. , 1996, 9, 156-164.		23

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145	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution. , 1996, 9, 156.		1
146	Cirrhosis of the human liver: an in vitro <sup>31</sup> P nuclear magnetic resonance study. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1995, 1272, 113-118.	1.8	32
147	Plasma Metabolic Signatures of Healthy Overweight Subjects Challenged With an Oral Glucose Tolerance Test. Frontiers in Nutrition, 0, 9, .	1.6	4