

Jimmy D Bell

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

12,911
citations

18482

62
h-index

25787

108
g-index

181
all docs

181
docs citations

181
times ranked

16579
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation. <i>ELife</i> , 2022, 11, .	6.0	10
2	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.	8.6	27
3	Thermodynamics and Inflammation: Insights into Quantum Biology and Ageing. <i>Quantum Reports</i> , 2022, 4, 47-74.	1.3	5
4	Precision MRI phenotyping enables detection of small changes in body composition for longitudinal cohorts. <i>Scientific Reports</i> , 2022, 12, 3748.	3.3	6
5	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.	6.2	7
6	Bioelectric Fields at the Beginnings of Life. <i>Bioelectricity</i> , 2022, 4, 237-247.	1.1	5
7	Mass Univariate Regression Analysis for Three-Dimensional Liver Image-Derived Phenotypes. <i>Lecture Notes in Computer Science</i> , 2021, , 165-176.	1.3	4
8	Mitochondrial Function as a Potential Tool for Assessing Function, Quality and Adulteration in Medicinal Herbal Teas. <i>Frontiers in Pharmacology</i> , 2021, 12, 660938.	3.5	1
9	Acetate Induces Growth Arrest in Colon Cancer Cells Through Modulation of Mitochondrial Function. <i>Frontiers in Nutrition</i> , 2021, 8, 588466.	3.7	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.	0.6	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.	3.5	6
12	Genetic architecture of 11 organ traits derived from abdominal MRI using deep learning. <i>ELife</i> , 2021, 10, .	6.0	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.	8.6	16
15	SARS-CoV-2 and EBV; the cost of a second mitochondrial "cushy". <i>Immunity and Ageing</i> , 2021, 18, 40.	4.2	16
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.	4.1	17
17	Ethnic Differences in Body Fat Deposition and Liver Fat Content in Two UK-Based Cohorts. <i>Obesity</i> , 2020, 28, 2142-2152.	3.0	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.	6.1	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	Large-scale analysis of iliopsoas muscle volumes in the UK Biobank. Scientific Reports, 2020, 10, 20215.	3.3	16
21	SARS-CoV-2 and mitochondrial health: implications of lifestyle and ageing. Immunity and Ageing, 2020, 17, 33.	4.2	46
22	The UK Biobank imaging enhancement of 100,000 participants: rationale, data collection, management and future directions. Nature Communications, 2020, 11, 2624.	12.8	324
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.	8.4	47
24	From sunscreens to medicines: Can a dissipation hypothesis explain the beneficial aspects of many plant compounds?. Phytotherapy Research, 2020, 34, 1868-1888.	5.8	13
25	Genome-wide and Mendelian randomisation studies of liver MRI yield insights into the pathogenesis of steatohepatitis. Journal of Hepatology, 2020, 73, 241-251.	3.7	83
26	Machine Learning Classification of Females Susceptibility to Visceral Fat Associated Diseases. IFMBE Proceedings, 2020, , 679-693.	0.3	0
27	Title is missing!. , 2020, 17, e1003149.		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	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.	4.4	73
33	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	12.0	75
34	A Framework for Automatic Morphological Feature Extraction and Analysis of Abdominal Organs in MRI Volumes. Journal of Medical Systems, 2019, 43, 334.	3.6	6
35	Cannabidiol Is a Novel Modulator of Bacterial Membrane Vesicles. Frontiers in Cellular and Infection Microbiology, 2019, 9, 324.	3.9	63
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.	6.3	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.	3.7	23
38	<p>Intraperitoneal delivery of acetate-encapsulated liposomal nanoparticles for neuroprotection of the penumbra in a rat model of ischemic stroke<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1979-1991.	6.7	30
39	Cannabidiol Affects Extracellular Vesicle Release, miR21 and miR126, and Reduces Prohibitin Protein in Glioblastoma Multiforme Cells. <i>Translational Oncology</i> , 2019, 12, 513-522.	3.7	55
40	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.	0.6	72
41	LEAP2 changes with body mass and food intake in humans and mice. <i>Journal of Clinical Investigation</i> , 2019, 129, 3909-3923.	8.2	130
42	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
43	Rifaximin in non-€lcoholic steatohepatitis: An open-€label pilot study. <i>Hepatology Research</i> , 2018, 48, 69-77.	3.4	36
44	Measurement of liver iron by magnetic resonance imaging in the UK Biobank population. <i>PLoS ONE</i> , 2018, 13, e0209340.	2.5	37
45	Body Composition Profiling in the UK Biobank Imaging Study. <i>Obesity</i> , 2018, 26, 1785-1795.	3.0	125
46	Cannabidiol (CBD) Is a Novel Inhibitor for Exosome and Microvesicle (EMV) Release in Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 889.	3.5	115
47	The pineal hormone melatonin attenuates doxorubicin induced-mitochondrial dysfunction and cardiotoxicity in vitro. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-69.	0.0	0
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.	4.3	31
49	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion-€to-€increase satiety. <i>Molecular Metabolism</i> , 2017, 6, 48-60.	6.5	179
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.	6.7	16
51	<i>Withania somnifera</i> Root Extract Enhances Chemotherapy through -€Priming-€™. <i>PLoS ONE</i> , 2017, 12, e0170917.	2.5	16
52	The Hormesis of Thinking: A Deeper Quantum Thermodynamic Perspective?. <i>International Journal of Neurorehabilitation</i> , 2017, 04, .	0.1	5
53	Characterisation of liver fat in the UK Biobank cohort. <i>PLoS ONE</i> , 2017, 12, e0172921.	2.5	95
54	Liver fat in adults with <sc>GH</sc> deficiency: comparison to matched controls and the effect of <sc>GH</sc> replacement. <i>Clinical Endocrinology</i> , 2016, 85, 76-84.	2.4	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.	1.7	21
56	The quantum mitochondrion and optimal health. <i>Biochemical Society Transactions</i> , 2016, 44, 1101-1110.	3.4	24
57	Dissociation between exercise-induced reduction in liver fat and changes in hepatic and peripheral glucose homoeostasis in obese patients with non-alcoholic fatty liver disease. <i>Clinical Science</i> , 2016, 130, 93-104.	4.3	100
58	Efficacy and Safety of Cannabidiol and Tetrahydrocannabivarin 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.	8.6	191
59	Link Between Increased Satiety Gut Hormones and Reduced Food Reward After Gastric Bypass Surgery for Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 599-609.	3.6	100
60	Kisspeptin signaling in the amygdala modulates reproductive hormone secretion. <i>Brain Structure and Function</i> , 2016, 221, 2035-2047.	2.3	66
61	Feasibility of MR-Based Body Composition Analysis in Large Scale Population Studies. <i>PLoS ONE</i> , 2016, 11, e0163332.	2.5	98
62	Synergy between histone deacetylase inhibitors and DNA-damaging agents is mediated by histone deacetylase 2 in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 44505-44521.	1.8	22
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.	3.0	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.	2.8	53
65	Circulating Pancreatic Polypeptide Concentrations Predict Visceral and Liver Fat Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1048-1052.	3.6	16
66	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.	12.1	950
67	Preterm nutritional intake and MRI phenotype at term age: a prospective observational study. <i>BMJ Open</i> , 2014, 4, e005390.	1.9	27
68	Ghrelin mimics fasting to enhance human hedonic, orbitofrontal cortex, and hippocampal responses to food. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1319-1330.	4.7	116
69	External validation of the fatty liver index and lipid accumulation product indices, using ¹ 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.	3.7	126
70	Obese patients after gastric bypass surgery have lower brain-hedonic responses to food than after gastric banding. <i>Gut</i> , 2014, 63, 891-902.	12.1	234
71	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014, 5, 3611.	12.8	1,129
72	The impact of oligofructose on stimulation of gut hormones, appetite regulation and adiposity. <i>Obesity</i> , 2014, 22, 1430-1438.	3.0	73

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73	The intelligence paradox; will ET get the metabolic syndrome? Lessons from and for Earth. <i>Nutrition and Metabolism</i> , 2014, 11, 34.	3.0	11
74	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.	4.7	15
75	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.	3.7	45
76	Excess body fat in obese and normal-weight subjects. <i>Nutrition Research Reviews</i> , 2012, 25, 150-161.	4.1	130
77	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.	3.6	198
78	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.	3.6	22
79	Metabolic Profiling of the Rat Liver After Chronic Ingestion of Alpha-Naphthylisothiocyanate Using In Vivo and Ex Vivo Magnetic Resonance Spectroscopy. <i>Toxicological Sciences</i> , 2012, 126, 306-316.	3.1	4
80	Fermentable Carbohydrate Alters Hypothalamic Neuronal Activity and Protects Against the Obesogenic Environment. <i>Obesity</i> , 2012, 20, 1016-1023.	3.0	72
81	Fatty acid flux and oxidation are increased by rimonabant in obese women. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1220-1223.	3.4	11
82	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
83	The Missing Risk: MRI and MRS Phenotyping of Abdominal Adiposity and Ectopic Fat. <i>Obesity</i> , 2012, 20, 76-87.	3.0	156
84	The effects of glutamate receptor agonists and antagonists on mouse hypothalamic and hippocampal neuronal activity shown through manganese enhanced MRI. <i>NeuroImage</i> , 2012, 59, 968-978.	4.2	17
85	Validation of Dual Energy X-Ray Absorptiometry Measures of Abdominal Fat by Comparison with Magnetic Resonance Imaging in an Indian Population. <i>PLoS ONE</i> , 2012, 7, e51042.	2.5	29
86	Gender Differences in VLDL ₁ and VLDL ₂ 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.	3.6	15
87	Differential Effects of Two Fermentable Carbohydrates on Central Appetite Regulation and Body Composition. <i>PLoS ONE</i> , 2012, 7, e43263.	2.5	66
88	The Influence of Maternal Body Mass Index on Infant Adiposity and Hepatic Lipid Content. <i>Pediatric Research</i> , 2011, 70, 287-291.	2.3	145
89	Novel multifunctional nanoparticle mediates siRNA tumour delivery, visualisation and therapeutic tumour reduction in vivo. <i>Journal of Controlled Release</i> , 2011, 149, 111-116.	9.9	97
90	A Low Molecular Weight Folate Receptor Targeted Contrast Agent for Magnetic Resonance Tumor Imaging. <i>Molecular Imaging and Biology</i> , 2011, 13, 653-662.	2.6	27

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91	Aberrant Adiposity and Ectopic Lipid Deposition Characterize the Adult Phenotype of the Preterm Infant. <i>Pediatric Research</i> , 2011, 70, 507-512.	2.3	99
92	Imaging of Gadolinium Spatial Distribution in Tumor Tissue by Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Molecular Imaging and Biology</i> , 2010, 12, 361-366.	2.6	33
93	Manganese enhancement in non-CNS organs. <i>NMR in Biomedicine</i> , 2010, 23, 931-938.	2.8	8
94	Chemistry of Tumour Targeted T1 Based MRI Contrast Agents. <i>Current Topics in Medicinal Chemistry</i> , 2010, 10, 1158-1183.	2.1	22
95	The combined effects on neuronal activation and blood-brain barrier permeability of time and n-3 polyunsaturated fatty acids in mice, as measured in vivo using MEMRI. <i>NeuroImage</i> , 2010, 50, 1384-1391.	4.2	18
96	Inflammatory modulation of exercise salience: using hormesis to return to a healthy lifestyle. <i>Nutrition and Metabolism</i> , 2010, 7, 87.	3.0	25
97	Proton magnetic resonance spectroscopy and ultrasound for hepatic fat quantification. <i>Hepatology Research</i> , 2010, 40, 399-406.	3.4	30
98	Imaging Appetite-Regulating Pathways in the Central Nervous System Using Manganese-Enhanced Magnetic Resonance Imaging. <i>Neuroendocrinology</i> , 2009, 89, 121-130.	2.5	23
99	Whole Body Magnetic Resonance Imaging of Healthy Newborn Infants Demonstrates Increased Central Adiposity in Asian Indians. <i>Pediatric Research</i> , 2009, 65, 584-587.	2.3	92
100	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
101	Fasting biases brain reward systems towards high-calorie foods. <i>European Journal of Neuroscience</i> , 2009, 30, 1625-1635.	2.6	284
102	Dominant Role of the p110 ^β Isoform of PI3K over p110 ^α in Energy Homeostasis Regulation by POMC and AgRP Neurons. <i>Cell Metabolism</i> , 2009, 10, 343-354.	16.2	149
103	Lifestyle-induced metabolic inflexibility and accelerated ageing syndrome: insulin resistance, friend or foe?. <i>Nutrition and Metabolism</i> , 2009, 6, 16.	3.0	58
104	Differential patterns of neuronal activation in the brainstem and hypothalamus following peripheral injection of GLP-1, oxyntomodulin and lithium chloride in mice detected by manganese-enhanced magnetic resonance imaging (MEMRI). <i>NeuroImage</i> , 2009, 44, 1022-1031.	4.2	76
105	Folate Receptor Targeted Bimodal Liposomes for Tumor Magnetic Resonance Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 648-655.	3.6	126
106	Bimodal Paramagnetic and Fluorescent Liposomes for Cellular and Tumor Magnetic Resonance Imaging. <i>Bioconjugate Chemistry</i> , 2008, 19, 118-129.	3.6	117
107	Non-invasive means of measuring hepatic fat content. <i>World Journal of Gastroenterology</i> , 2008, 14, 3476.	3.3	226
108	The Temporal Sequence of Gut Peptide-CNS Interactions Tracked In Vivo by Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2007, 27, 12341-12348.	3.6	31

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109	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.	0.8	24
110	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
111	Impact of Resistant Starch on Body Fat Patterning and Central Appetite Regulation. <i>PLoS ONE</i> , 2007, 2, e1309.	2.5	111
112	Critical role for peptide YY in protein-mediated satiation and body-weight regulation. <i>Cell Metabolism</i> , 2006, 4, 223-233.	16.2	501
113	Differential hypothalamic neuronal activation following peripheral injection of GLP-1 and oxyntomodulin in mice detected by manganese-enhanced magnetic resonance imaging. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 298-306.	2.1	73
114	Manganese-enhanced magnetic resonance imaging (MEMRI) without compromise of the blood-brain barrier detects hypothalamic neuronal activity in vivo. <i>NMR in Biomedicine</i> , 2006, 19, 1028-1034.	2.8	57
115	Determinants of Adiposity during Prewaning Postnatal Growth in Appropriately Grown and Growth-Restricted Term Infants. <i>Pediatric Research</i> , 2006, 60, 345-348.	2.3	69
116	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.	3.3	100
117	In vivo measurements of T1 relaxation times in mouse brain associated with different modes of systemic administration of manganese chloride. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 334-339.	3.4	76
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.	3.6	76
119	The role of insulin receptor substrate 2 in hypothalamic and \hat{I}^2 cell function. <i>Journal of Clinical Investigation</i> , 2005, 115, 940-950.	8.2	209
120	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.	3.6	107
121	The Application of Magnetic Resonance Imaging and Spectroscopy to Gene Therapy. <i>Methods in Enzymology</i> , 2004, 386, 303-313.	1.0	4
122	Distribution of Adipose Tissue in the Newborn. <i>Pediatric Research</i> , 2004, 55, 437-441.	2.3	105
123	Human Metabolic Syndrome Resulting From Dominant-Negative Mutations in the Nuclear Receptor Peroxisome Proliferator-Activated Receptor- \hat{A} . <i>Diabetes</i> , 2003, 52, 910-917.	0.6	412
124	^1H MR Spectroscopy in the Evaluation of the Severity of Chronic Liver Disease. <i>Radiology</i> , 2003, 226, 288-289.	7.3	11
125	Carbohydrate-induced manipulation of insulin sensitivity independently of intramyocellular lipids. <i>British Journal of Nutrition</i> , 2003, 89, 365-374.	2.3	29
126	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.	4.7	98

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127	Digenic inheritance of severe insulin resistance in a human pedigree. <i>Nature Genetics</i> , 2002, 31, 379-384.	21.4	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.	3.6	149
129	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.	3.6	43
130	Preferential loss of visceral fat following aerobic exercise, measured by magnetic resonance imaging. <i>Lipids</i> , 2000, 35, 769-776.	1.7	88
131	In vivo evaluation of the effects of continuous exercise on skeletal muscle triglycerides in trained humans. <i>Lipids</i> , 2000, 35, 1313-1318.	1.7	55
132	Diversity in levels of intracellular total creatine and triglycerides in human skeletal muscles observed by ¹ H-MRS. <i>Journal of Applied Physiology</i> , 1999, 87, 2068-2072.	2.5	85
133	Cerebral proton and phosphorus-31 magnetic resonance spectroscopy in patients with subclinical hepatic encephalopathy. <i>Liver International</i> , 1999, 19, 389-398.	3.9	55
134	Relation between proton magnetic resonance spectroscopy within 18 hours of birth asphyxia and neurodevelopment at 1 year of age. <i>Developmental Medicine and Child Neurology</i> , 1999, 41, 76-82.	2.1	19
135	Intracellular and extracellular skeletal muscle triglyceride metabolism during alternating intensity exercise in humans. <i>Journal of Physiology</i> , 1998, 510, 615-622.	2.9	79
136	Evaluation of the stability of the proton chemical shifts of some metabolites other than water during thermal cycling of normal human muscle tissue. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 1114-1118.	3.4	10
137	Magnetic resonance imaging of total body fat. <i>Journal of Applied Physiology</i> , 1998, 85, 1778-1785.	2.5	284
138	Persistent Increases in Cerebral Lactate Concentration after Birth Asphyxia. <i>Pediatric Research</i> , 1998, 44, 304-311.	2.3	89
139	Phospholipid headgroup mobility in low density lipoproteins. <i>Biochemical Society Transactions</i> , 1997, 25, 22S-22S.	3.4	1
140	In vivo assessment of metabolic perturbations following alanine and glucagon administration using ³¹ P-MRS in the rat. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1335, 290-304.	2.4	7
141	<i>In vivo</i> and <i>in vitro</i> hepatic ³¹ P magnetic resonance spectroscopy and electron microscopy of the cirrhotic liver. <i>Liver</i> , 1997, 17, 198-209.	0.1	59
142	Characterisation of secondary metabolites associated with neutrophil apoptosis. <i>FEBS Letters</i> , 1996, 392, 295-298.	2.8	45
143	Automated feature extraction for the classification of human <i>in vivo</i> ¹³ C NMR spectra using statistical pattern recognition and wavelets. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 834-840.	3.0	19
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	Metabolic Changes Associated with Vacuolation in Murine Models of Scrapie using In Vitro ¹ H-NMR Spectroscopy. , 1996, 9, 359-363.		2
146	Development of a Rapid and Efficient Magnetic Resonance Imaging Technique for Analysis of Body Fat Distribution. NMR in Biomedicine, 1996, 9, 156-164.	2.8	1
147	In vivo hepatic energy perturbations during alanine infusion using ³¹ P-NMR spectroscopy. Biochemical Society Transactions, 1995, 23, 336S-336S.	3.4	0
148	Effect of functional grade and etiology on in vivo hepatic phosphorus-31 magnetic resonance spectroscopy in cirrhosis: Biochemical basis of spectral appearances. Hepatology, 1995, 21, 417-427.	7.3	86
149	Cirrhosis of the human liver: an in vitro ³¹ P nuclear magnetic resonance study. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1995, 1272, 113-118.	3.8	32
150	Cerebral Phosphorus-31 magnetic resonance spectroscopy in patients with chronic hepatic encephalopathy. Hepatology, 1994, 20, 1173-1178.	7.3	55
151	Effect of fish oil on cancer cachexia and host liver metabolism in rats with prostate tumors. Lipids, 1994, 29, 195-203.	1.7	31
152	Cerebral phosphorus-31 magnetic resonance spectroscopy in patients with chronic hepatic encephalopathy. Hepatology, 1994, 20, 1173-1178.	7.3	2
153	NMR Studies of Body Fluids and Tissue Extracts. , 1994, , 221-236.		6
154	Effects of fish oil on phospholipid metabolism in human and rat liver studied by ³¹ P NMR spectroscopy in vivo and in vitro. NMR in Biomedicine, 1993, 6, 157-162.	2.8	11
155	A ³¹ P and ¹ H-NMR investigation in vitro of normal and abnormal human liver. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1993, 1225, 71-77.	3.8	81
156	Phosphorus-31 magnetic resonance spectroscopy of the human liver using chemical shift imaging techniques. Journal of Hepatology, 1992, 14, 265-275.	3.7	59
157	In vivo and in vitro ³¹ P magnetic resonance spectroscopy of focal hepatic malignancies. NMR in Biomedicine, 1992, 5, 114-120.	2.8	40
158	Proton MR Spectroscopy of the Brain in Infants. Journal of Computer Assisted Tomography, 1990, 14, 886-894.	0.9	105
159	Proton MR Spectroscopy of Intracranial Tumours. Journal of Computer Assisted Tomography, 1990, 14, 497-504.	0.9	282
160	Maternal and cord blood plasma. Comparative analyses by ¹ H NMR spectroscopy. NMR in Biomedicine, 1989, 2, 61-65.	2.8	9
161	NMR studies of body fluids. NMR in Biomedicine, 1989, 2, 246-256.	2.8	84
162	NMR-invisible lactate in blood plasma. FEBS Letters, 1988, 235, 81-86.	2.8	98

#	ARTICLE	IF	CITATIONS
163	High resolution proton nuclear magnetic resonance studies of human cerebrospinal fluid. Clinical Science, 1987, 72, 563-570.	4.3	76
164	¹ H NMR studies of human blood plasma Assignment of resonances for lipoproteins. FEBS Letters, 1987, 219, 239-243.	2.8	86
165	¹ H NMR studies of urine during fasting: Excretion of ketone bodies and acetylcarnitine. Magnetic Resonance in Medicine, 1986, 3, 849-856.	3.0	46