

# Martin Krssak

## List of Publications by Year in descending order

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122  
papers

7,383  
citations

94433

37  
h-index

56724

83  
g-index

126  
all docs

126  
docs citations

126  
times ranked

10329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Short- and Long-Term Aerobic-Strength Training and Determinants of Walking Speed in the Elderly. <i>Gerontology</i> , 2022, 68, 151-161.	2.8	1
2	Evaluation of a single-breath-hold radial turbo-spin-echo sequence for T2 mapping of the liver at 3T. <i>European Radiology</i> , 2022, 32, 3388-3397.	4.5	5
3	Proton magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4266.	2.8	39
4	In Vivo <sup>1</sup> H MRSpectroscopy of Biliary Components of Human Gallbladder at 7T. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 98-107.	3.4	3
5	Simultaneous Multiple Resonance Frequency imaging (SMURF): Fat-water imaging using multi-band principles. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1379-1396.	3.0	8
6	Terminology and concepts for the characterization of in vivo MR spectroscopy methods and MR spectra: Background and experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4347.	2.8	69
7	Open-label phase III study evaluating safety and efficacy of the non-steroidal farnesoid X receptor agonist PX-104 in non-alcoholic fatty liver disease. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 441-451.	1.9	27
8	Combined <sup>1</sup>exenatide and <sup>1</sup>dapagliflozin has no additive effects on reduction of hepatocellular lipids despite better glycaemic control in patients with type 2 diabetes mellitus treated with metformin: <sup>1</sup>EXENDA, a 24-week, prospective, randomized, placebo-controlled pilot trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1129-1139.	4.4	29
9	Minimum Reporting Standards for in vivo Magnetic Resonance Spectroscopy (MRSinMRS): Experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4484.	2.8	144
10	Safety and image quality of cardiovascular magnetic resonance imaging in patients with retained epicardial pacing wires after heart transplantation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 24.	3.3	4
11	Feasibility of Hepatic Fat Quantification Using Proton Density Fat Fraction by Multi-Echo Chemical-Shift-Encoded MRI at 7T. <i>Frontiers in Physics</i> , 2021, 9, 665562.	2.1	0
12	Concentration of Gallbladder Phosphatidylcholine in Cholangiopathies: A Phosphorus- <sup>31</sup> Magnetic Resonance Spectroscopy Pilot Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	3.4	2
13	<sup>31</sup> P magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4246.	2.8	81
14	3D localized lactate detection in muscle tissue using double-quantum filtered <sup>1</sup> H MRS with adiabatic refocusing pulses at 7T. <i>Magnetic Resonance in Medicine</i> , 2021, , .	3.0	2
15	Gluconeogenesis, But Not Glycogenolysis, Contributes to the Increase in Endogenous Glucose Production by SGLT-2 Inhibition. <i>Diabetes Care</i> , 2021, 44, 541-548.	8.6	16
16	In Vitro <sup>31</sup> P MR Chemical Shifts of In Vivo-Detectable Metabolites at 3T as a Basis Set for a Pilot Evaluation of Skeletal Muscle and Liver <sup>31</sup> P Spectra with LCModel Software. <i>Molecules</i> , 2021, 26, 7571.	3.8	5
17	Metabolic effects of a prolonged, very-high-dose dietary fructose challenge in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 369-377.	4.7	22
18	Muscle-Specific Relation of Acetylcarnitine and Intramyocellular Lipids to Chronic Hyperglycemia: A Pilot <sup>1</sup> H MRS Study. <i>Obesity</i> , 2020, 28, 1405-1411.	3.0	7

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19	Effects of Thyroid Function on Phosphodiester Concentrations in Skeletal Muscle and Liver: An In Vivo NMRS Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4866-e4874.	3.6	6
20	Multinuclear MRS at 7T Uncovers Exercise Driven Differences in Skeletal Muscle Energy Metabolism Between Young and Seniors. <i>Frontiers in Physiology</i> , 2020, 11, 644.	2.8	10
21	Tenascin-C aggravates ventricular dilatation and angiotensin-converting enzyme activity after myocardial infarction in mice. <i>ESC Heart Failure</i> , 2020, 7, 2113-2122.	3.1	17
22	Low-level fat fraction quantification at 3T: comparative study of different tools for water-fat reconstruction and MR spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 455-468.	2.0	3
23	Increased ATP synthesis might counteract hepatic lipid accumulation in acromegaly. <i>JCI Insight</i> , 2020, 5, .	5.0	21
24	Acute and regular exercise distinctly modulate serum, plasma and skeletal muscle BDNF in the elderly. <i>Neuropeptides</i> , 2019, 78, 101961.	2.2	41
25	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. <i>Nature Communications</i> , 2019, 10, 2717.	12.8	70
26	Plasma renin levels are associated with cardiac function in primary adrenal insufficiency. <i>Endocrine</i> , 2019, 65, 399-407.	2.3	7
27	The impact of age on cardiac function and extracellular matrix component expression in adverse post-infarction remodeling in mice. <i>Experimental Gerontology</i> , 2019, 119, 193-202.	2.8	7
28	Reduced hepatocellular lipid accumulation and energy metabolism in patients with long standing type 1 diabetes mellitus. <i>Scientific Reports</i> , 2019, 9, 2576.	3.3	13
29	Antisense Inhibition of Glucagon Receptor by IONIS-GCGRx Improves Type 2 Diabetes Without Increase in Hepatic Glycogen Content in Patients With Type 2 Diabetes on Stable Metformin Therapy. <i>Diabetes Care</i> , 2019, 42, 585-593.	8.6	37
30	MR-Based Metabolic Characterization of Skeletal Muscle: Methods and Applications. , 2019, , .		0
31	Absolute Quantification of Phosphor-Containing Metabolites in the Liver Using <sup>31</sup> P MRSI and Hepatic Lipid Volume Correction at 7T Suggests No Dependence on Body Mass Index or Age. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 597-607.	3.4	16
32	Ultralong TE In Vivo 1 H MR Spectroscopy of Omega-3 Fatty Acids in Subcutaneous Adipose Tissue at 7 T. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 71-82.	3.4	5
33	MR compatible ergometers for dynamic <sup>31</sup> P MRS. <i>Journal of Applied Biomedicine</i> , 2019, 17, 91-98.	1.7	4
34	Evaluation of cerebral aneurysm wall thickness in experimental aneurysms: comparison of 3T-MR imaging with direct microscopic measurements. <i>Acta Neurochirurgica</i> , 2018, 160, 759-759.	1.7	1
35	Tenascin-C promotes chronic pressure overload-induced cardiac dysfunction, hypertrophy and myocardial fibrosis. <i>Journal of Hypertension</i> , 2018, 36, 847-856.	0.5	39
36	Differences in Muscle Metabolism Between Triathletes and Normally Active Volunteers Investigated Using Multinuclear Magnetic Resonance Spectroscopy at 7T. <i>Frontiers in Physiology</i> , 2018, 9, 300.	2.8	17

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37	Proton-decoupled carbon magnetic resonance spectroscopy in human calf muscles at 7 T using a multi-channel radiofrequency coil. <i>Scientific Reports</i> , 2018, 8, 6211.	3.3	10
38	Heart, lipids and hormones. <i>Endocrine Connections</i> , 2017, 6, R59-R69.	1.9	13
39	Ultra-high field magnetic resonance spectroscopy in non-alcoholic fatty liver disease: Novel mechanistic and diagnostic insights of energy metabolism in non-alcoholic steatohepatitis and advanced fibrosis. <i>Liver International</i> , 2017, 37, 1544-1553.	3.9	35
40	In-vivo 31P-MRS of skeletal muscle and liver: A way for non-invasive assessment of their metabolism. <i>Analytical Biochemistry</i> , 2017, 529, 193-215.	2.4	78
41	[P2021]: EFFECTS OF ENDURANCE-STRENGTH TRAINING ON MOTOR FUNCTIONS, COGNITION AND GLUCOSE METABOLISM IN PATIENTS WITH PARKINSON'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P612.	0.8	0
42	Chronic Intranasal Insulin Does Not Affect Hepatic Lipids but Lowers Circulating BCAAs in Healthy Male Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1325-1332.	3.6	11
43	Detection and Alterations of Acetylcarnitine in Human Skeletal Muscles by 1H MRS at 7 T. <i>Investigative Radiology</i> , 2017, 52, 412-418.	6.2	13
44	Aerobic-Strength Exercise Improves Metabolism and Clinical State in Parkinson's Disease Patients. <i>Frontiers in Neurology</i> , 2017, 8, 698.	2.4	23
45	Effects of carnosine supplementation on glucose metabolism: Pilot clinical trial. <i>Obesity</i> , 2016, 24, 1027-1034.	3.0	116
46	Dynamic PCr and pH imaging of human calf muscles during exercise and recovery using <sup>31</sup> P gradient-Echo MRI at 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2324-2331.	3.0	31
47	Skeletal muscle alkaline Pi pool is decreased in overweight-to-obese sedentary subjects and relates to mitochondrial capacity and phosphodiester content. <i>Scientific Reports</i> , 2016, 6, 20087.	3.3	26
48	Very large and giant microsurgical bifurcation aneurysms in rabbits: Proof of feasibility and comparability using computational fluid dynamics and biomechanical testing. <i>Journal of Neuroscience Methods</i> , 2016, 268, 7-13.	2.5	5
49	Glucose uptake saturation explains glucose kinetics profiles measured by different tests. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E346-E357.	3.5	7
50	Feasibility and repeatability of localized 31 P-MRS four-angle saturation transfer (FAST) of the human gastrocnemius muscle using a surface coil at 7T. <i>NMR in Biomedicine</i> , 2016, 29, 57-65.	2.8	14
51	Improved spectral resolution and high reliability of in vivo 1 H MRS at 7 T allow the characterization of the effect of acute exercise on carnosine in skeletal muscle. <i>NMR in Biomedicine</i> , 2016, 29, 24-32.	2.8	22
52	Dynamic <sup>31</sup> P-MRSI using spiral spectroscopic imaging can map mitochondrial capacity in muscles of the human calf during plantar flexion exercise at 7T. <i>NMR in Biomedicine</i> , 2016, 29, 1825-1834.	2.8	38
53	Insulin Regulates Hepatic Triglyceride Secretion and Lipid Content via Signaling in the Brain. <i>Diabetes</i> , 2016, 65, 1511-1520.	0.6	49
54	Pericardial- Rather than Intramyocardial Fat Is Independently Associated with Left Ventricular Systolic Heart Function in Metabolically Healthy Humans. <i>PLoS ONE</i> , 2016, 11, e0151301.	2.5	12

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55	<i>In vivo</i> and <i>ex vivo</i> functional characterization of left ventricular remodelling after myocardial infarction in mice. <i>ESC Heart Failure</i> , 2015, 2, 171-177.	3.1	6
56	Dynamic <sup>31</sup> P MR spectroscopy of plantar flexion: Influence of ergometer design, magnetic field strength (3 and 7 T), and RF-coil design. <i>Medical Physics</i> , 2015, 42, 1678-1689.	3.0	26
57	Ultrashort-TE stimulated echo acquisition mode (STEAM) improves the quantification of lipids and fatty acid chain unsaturation in the human liver at 7T. <i>NMR in Biomedicine</i> , 2015, 28, 1283-1293.	2.8	27
58	CROP – The Clinico-Radiologico-Ophthalmological Paradox in Multiple Sclerosis: Are Patterns of Retinal and MRI Changes Heterogeneous and Thus Not Predictable?. <i>PLoS ONE</i> , 2015, 10, e0142272.	2.5	7
59	Free fatty acid availability is closely related to myocardial lipid storage and cardiac function in hypoglycemia counterregulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E631-E640.	3.5	10
60	Use of diagnostic dynamic contrast-enhanced (DCE)-MRI for targeting of soft tissue tumour biopsies at 3T: preliminary results. <i>European Radiology</i> , 2015, 25, 2041-2048.	4.5	36
61	Phosphatidylcholine contributes to <i>in vivo</i> <sup>31</sup> P MRS signal from the human liver. <i>European Radiology</i> , 2015, 25, 2059-2066.	4.5	19
62	Biodegradable, thermoplastic polyurethane grafts for small diameter vascular replacements. <i>Acta Biomaterialia</i> , 2015, 11, 104-113.	8.3	107
63	Diagnosis of renal tumors by <i>in vivo</i> proton magnetic resonance spectroscopy. <i>World Journal of Urology</i> , 2015, 33, 17-23.	2.2	11
64	No Evidence of Ectopic Lipid Accumulation in the Pathophysiology of the Acromegalic Cardiomyopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4299-4306.	3.6	41
65	Cardiometabolic Phenotyping of Patients With Familial Hypocalcemic Hypercalcemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1721-E1726.	3.6	19
66	Intracellular lipid accumulation and shift during diabetes progression. <i>Wiener Medizinische Wochenschrift</i> , 2014, 164, 320-329.	1.1	17
67	Novel labeling approaches for the assessment of human hepatic metabolism by <i>in vivo</i> magnetic resonance spectroscopy. <i>Hepatology</i> , 2014, 59, 2077-2079.	7.3	1
68	Depth-resolved surface coil MRS (DRESS)-localized dynamic <sup>31</sup> P-MRS of the exercising human gastrocnemius muscle at 7 T. <i>NMR in Biomedicine</i> , 2014, 27, 1346-1352.	2.8	35
69	<i>In vivo</i> <sup>31</sup> P magnetic resonance spectroscopy of the human liver at 7T: an initial experience. <i>NMR in Biomedicine</i> , 2014, 27, 478-485.	2.8	38
70	Lower Fasting Muscle Mitochondrial Activity Relates to Hepatic Steatosis in Humans. <i>Diabetes Care</i> , 2014, 37, 468-474.	8.6	26
71	Pathophysiological rat model of vascular dementia: Magnetic resonance spectroscopy, microimaging and behavioral study. <i>Brain Research</i> , 2014, 1568, 10-20.	2.2	5
72	Effects of obesity, diabetes and exercise on <i>Fndc5</i> gene expression and irisin release in human skeletal muscle and adipose tissue: <i>in vivo</i> and <i>in vitro</i> studies. <i>Journal of Physiology</i> , 2014, 592, 1091-1107.	2.9	329

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73	Flip-angle mapping of <sup>31</sup> P coils by steady-state MR spectroscopic imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 391-397.	3.4	14
74	Two-dimensional spectroscopic imaging with combined free induction decay and long-TE acquisition (FID echo spectroscopic imaging, FIDESI) for the detection of intramyocellular lipids in calf muscle at 7 T. <i>NMR in Biomedicine</i> , 2014, 27, 980-987.	2.8	10
75	Levothyroxine Replacement in Hypothyroid Humans Reduces Myocardial Lipid Load and Improves Cardiac Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2341-E2346.	3.6	21
76	Application of localized 31P MRS saturation transfer at 7 T for measurement of ATP metabolism in the liver: reproducibility and initial clinical application in patients with non-alcoholic fatty liver disease. <i>European Radiology</i> , 2014, 24, 1602-1609.	4.5	27
77	Evaluation of cerebral aneurysm wall thickness in experimental aneurysms: Comparison of 3T-MR imaging with direct microscopic measurements. <i>Acta Neurochirurgica</i> , 2014, 156, 27-34.	1.7	12
78	Single-Dose GSTP1 Prevents Infarction-Induced Heart Failure. <i>Journal of Cardiac Failure</i> , 2014, 20, 135-145.	1.7	7
79	One-dimensional image-selected in vivo spectroscopy localized phosphorus saturation transfer at 7T. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1509-1515.	3.0	17
80	In vivo relaxation behavior of liver compounds at 7 tesla, measured by single-voxel proton MR spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1365-1374.	3.4	19
81	Hepatic Rather Than Cardiac Steatosis Relates to Glucose Intolerance in Women with Prior Gestational Diabetes. <i>PLoS ONE</i> , 2014, 9, e91607.	2.5	6
82	Time-resolved phosphorous magnetization transfer of the human calf muscle at 3T and 7T: A feasibility study. <i>European Journal of Radiology</i> , 2013, 82, 745-751.	2.6	28
83	Interrelation of <sup>31</sup> P-MRS metabolism measurements in resting and exercised quadriceps muscle of overweight-to-obese sedentary individuals. <i>NMR in Biomedicine</i> , 2013, 26, 1714-1722.	2.8	29
84	Short-Term Hyperinsulinemia and Hyperglycemia Increase Myocardial Lipid Content in Normal Subjects. <i>Diabetes</i> , 2012, 61, 1210-1216.	0.6	47
85	Two forms of iron as an intrinsic contrast agent in the basal ganglia of PKAN patients. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 509-515.	0.8	13
86	Hepatic steatosis assessment with 1H-spectroscopy and chemical shift imaging at 3.0T before hepatic surgery: Reliable enough for making clinical decisions?. <i>European Journal of Radiology</i> , 2012, 81, 2990-2995.	2.6	15
87	Effects of Insulin Therapy on Myocardial Lipid Content and Cardiac Geometry in Patients with Type-2 Diabetes Mellitus. <i>PLoS ONE</i> , 2012, 7, e50077.	2.5	25
88	Skeletal Muscle Phosphodiester Content Relates to Body Mass and Glycemic Control. <i>PLoS ONE</i> , 2011, 6, e21846.	2.5	22
89	Strategies for the covalent conjugation of a bifunctional chelating agent to albumin: Synthesis and characterization of potential MRI contrast agents. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 250-255.	3.5	9
90	Visualisation of treatment response in a case of cerebrotendinous xanthomatosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 703-704.	1.9	8

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91	Body and Liver Fat Mass Rather Than Muscle Mitochondrial Function Determine Glucose Metabolism in Women With a History of Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2011, 34, 430-436.	8.6	42
92	Liver ATP Synthesis Is Lower and Relates to Insulin Sensitivity in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, 448-453.	8.6	177
93	Value of 1H-magnetic resonance spectroscopy chemical shift imaging for detection of anaplastic foci in diffusely infiltrating gliomas with non-significant contrast-enhancement. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 512-520.	1.9	38
94	$^5\alpha$ -Aminolevulinic acid is a promising marker for detection of anaplastic foci in diffusely infiltrating gliomas with nonsignificant contrast enhancement. <i>Cancer</i> , 2010, 116, 1545-1552.	4.1	199
95	Reduced NAA-Levels in the NAWM of Patients with MS Is a Feature of Progression. A Study with Quantitative Magnetic Resonance Spectroscopy at 3 Tesla. <i>PLoS ONE</i> , 2010, 5, e11625.	2.5	68
96	Non-invasive assessment of hepatic fat accumulation in chronic hepatitis C by 1H magnetic resonance spectroscopy. <i>European Journal of Radiology</i> , 2010, 74, e60-e66.	2.6	50
97	Effects of High-Dose Simvastatin Therapy on Glucose Metabolism and Ectopic Lipid Deposition in Nonobese Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2009, 32, 209-214.	8.6	49
98	Abnormal hepatic energy homeostasis in type 2 diabetes. <i>Hepatology</i> , 2009, 50, 1079-1086.	7.3	166
99	Magnetic resonance spectroscopy of the fetal brain. <i>Prenatal Diagnosis</i> , 2009, 29, 434-441.	2.3	43
100	In utero tractography of fetal white matter development. <i>NeuroImage</i> , 2008, 43, 213-224.	4.2	198
101	BIBF 1120: Triple Angiokinase Inhibitor with Sustained Receptor Blockade and Good Antitumor Efficacy. <i>Cancer Research</i> , 2008, 68, 4774-4782.	0.9	929
102	Muscle Mitochondrial ATP Synthesis and Glucose Transport/Phosphorylation in Type 2 Diabetes. <i>PLoS Medicine</i> , 2007, 4, e154.	8.4	216
103	Direct noninvasive quantification of lactate and high energy phosphates simultaneously in exercising human skeletal muscle by localized magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 654-660.	3.0	39
104	BI 2536, a Potent and Selective Inhibitor of Polo-like Kinase 1, Inhibits Tumor Growth In Vivo. <i>Current Biology</i> , 2007, 17, 316-322.	3.9	748
105	Increased lipid availability impairs insulin-stimulated ATP synthesis in human skeletal muscle. <i>Diabetes</i> , 2006, 55, 136-40.	0.6	89
106	The Role of Intramyocellular Lipids during Hypoglycemia in Patients with Intensively Treated Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5559-5565.	3.6	24
107	Alterations in Postprandial Hepatic Glycogen Metabolism in Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 3048-3056.	0.6	267
108	The Role of Lipid Accumulation in Liver and Muscle for Insulin Resistance and Type 2 Diabetes Mellitus in Humans. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2004, 5, 127-134.	5.7	57



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109	Relaxation times of <sup>31</sup> P-metabolites in human calf muscle at 3 T. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 620-625.	3.0	47
110	Increased Intramyocellular Lipid Concentration Identifies Impaired Glucose Metabolism in Women With Previous Gestational Diabetes. <i>Diabetes</i> , 2003, 52, 244-251.	0.6	132
111	Hepatic Glycogen Metabolism in Type 1 Diabetes After Long-Term Near Normoglycemia. <i>Diabetes</i> , 2002, 51, 49-54.	0.6	77
112	Reduction of Hepatic Glycogen Synthesis and Breakdown in Patients with Agenesis of the Dorsal Pancreas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4678-4685.	3.6	12
113	Effects of Insulin Treatment in Type 2 Diabetic Patients on Intracellular Lipid Content in Liver and Skeletal Muscle. <i>Diabetes</i> , 2002, 51, 3025-3032.	0.6	157
114	Mechanism of Amino Acid-Induced Skeletal Muscle Insulin Resistance in Humans. <i>Diabetes</i> , 2002, 51, 599-605.	0.6	338
115	Free Fatty Acids Inhibit the Glucose-Stimulated Increase of Intramuscular Glucose-6-Phosphate Concentration in Humans <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 2153-2160.	3.6	74
116	Intramuscular Glycogen and Intramyocellular Lipid Utilization during Prolonged Exercise and Recovery in Man: A <sup>13</sup> C and <sup>1</sup> H Nuclear Magnetic Resonance Spectroscopy Study <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 748-754.	3.6	150
117	Contributions of net hepatic glycogenolysis and gluconeogenesis to glucose production in cirrhosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 276, E529-E535.	3.5	57
118	Impaired Glucose Transport as a Cause of Decreased Insulin-Stimulated Muscle Glycogen Synthesis in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 1999, 341, 240-246.	27.0	562
119	Three-dimensional reconstruction of the liver venous system using the preservation solution as contrast agent. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 600-602.	3.4	1
120	Multinuclear Magnetic Resonance Spectroscopy of Human Skeletal Muscle Metabolism in Training and Disease. , 0, , .		1
121	Assessment of Metabolic Fluxes by In Vivo MR Spectroscopy. , 0, , 193-222.		0
122	Assessment of Body Fat Content and Distribution. , 0, , 237-263.		0