Albrecht Ingo Schmid

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4883269/publications.pdf

Version: 2024-02-01

25 papers	856 citations	471371 17 h-index	580701 25 g-index
25 all docs	25 docs citations	25 times ranked	1234 citing authors

#	Article	IF	Citations
1	Evaluation of Acute Supplementation With the Ketone Ester (R)-3-Hydroxybutyl-(R)-3-Hydroxybutyrate (deltaG) in Healthy Volunteers by Cardiac and Skeletal Muscle 31P Magnetic Resonance Spectroscopy. Frontiers in Physiology, 2022, 13, 793987.	1.3	3
2	Increased cardiac Pi/PCr in the diabetic heart observed using phosphorus magnetic resonance spectroscopy at 7T. PLoS ONE, 2022, 17, e0269957.	1.1	4
3	Simultaneous Multiple Resonance Frequency imaging (SMURF): Fatâ€water imaging using multiâ€band principles. Magnetic Resonance in Medicine, 2021, 85, 1379-1396.	1.9	8
4	Quantifying the effect of dobutamine stress on myocardial Pi and pH in healthy volunteers: A ³¹P MRS study at 7T. Magnetic Resonance in Medicine, 2021, 85, 1147-1159.	1.9	12
5	Investigating the effect of trigger delay on cardiac 31P MRS signals. Scientific Reports, 2021, 11, 9268.	1.6	6
6	Interleaved ³¹P MRS/¹H ASL for analysis of metabolic and functional heterogeneity along human lower leg muscles at 7T. Magnetic Resonance in Medicine, 2020, 83, 1909-1919.	1.9	20
7	A Flexible Array for Cardiac 31P MR Spectroscopy at 7 T. Frontiers in Physics, 2020, 8, .	1.0	1
8	Dynamic PCr and pH imaging of human calf muscles during exercise and recovery using ³¹P gradientâ€Echo MRI at 7 Tesla. Magnetic Resonance in Medicine, 2016, 75, 2324-2331.	1.9	31
9	Multi-turn multi-gap transmission line resonators â€“ Concept, design and first implementation at 4.7 T and 7 T. Journal of Magnetic Resonance, 2016, 273, 65-72.	1.2	18
10	Simultaneous and interleaved acquisition of <scp>NMR</scp> signals from different nuclei with a clinical <scp>MRI</scp> scanner. Magnetic Resonance in Medicine, 2016, 76, 1636-1641.	1.9	29
11	Simultaneous and interleaved acquisition of NMR signals from different nuclei with a clinical MRI scanner. Magnetic Resonance in Medicine, 2016, 76, spcone-spcone.	1.9	1
12	Dynamic ASL and T2* -weighted MRI in exercising calf muscle at 7 T: A feasibility study. Magnetic Resonance in Medicine, 2015, 73, 1190-1195.	1.9	39
13	Exercising calf muscle changes correlate with pH, PCr recovery and maximum oxidative phosphorylation. NMR in Biomedicine, 2014, 27, 553-560.	1.6	31
14	Lower Fasting Muscle Mitochondrial Activity Relates to Hepatic Steatosis in Humans. Diabetes Care, 2014, 37, 468-474.	4.3	26
15	Interrelation of ³¹Pâ€MRS metabolism measurements in resting and exercised quadriceps muscle of overweightâ€toâ€obese sedentary individuals. NMR in Biomedicine, 2013, 26, 1714-1722.	1.6	29
16	Automatic modelâ€based analysis of skeletal muscle BOLDâ€MRI in reactive hyperemia. Journal of Magnetic Resonance Imaging, 2013, 38, 963-969.	1.9	12
17	Heme arginate improves reperfusion patterns after ischemia: a randomized, placebo-controlled trial in healthy male subjects. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 35.	1.6	22
18	A Single Nucleotide Polymorphism Associates With the Response of Muscle ATP Synthesis to Long-Term Exercise Training in Relatives of Type 2 Diabetic Humans. Diabetes Care, 2012, 35, 350-357.	4.3	25

#	Article	IF	Citations
19	Skeletal Muscle Phosphodiester Content Relates to Body Mass and Glycemic Control. PLoS ONE, 2011, 6, e21846.	1.1	22
20	Semi-LASER localized dynamic³¹P magnetic resonance spectroscopy in exercising muscle at ultra-high magnetic field. Magnetic Resonance in Medicine, 2011, 65, 1207-1215.	1.9	39
21	Body and Liver Fat Mass Rather Than Muscle Mitochondrial Function Determine Glucose Metabolism in Women With a History of Gestational Diabetes Mellitus. Diabetes Care, 2011, 34, 430-436.	4.3	42
22	Liver ATP Synthesis Is Lower and Relates to Insulin Sensitivity in Patients With Type 2 Diabetes. Diabetes Care, 2011, 34, 448-453.	4.3	177
23	Impaired Mitochondrial Function and Insulin Resistance of Skeletal Muscle in Mitochondrial Diabetes. Diabetes Care, 2009, 32, 677-679.	4.3	64
24	Abnormal hepatic energy homeostasis in type 2 diabetes. Hepatology, 2009, 50, 1079-1086.	3.6	166
25	Reduced Basal ATP Synthetic Flux of Skeletal Muscle in Patients with Previous Acromegaly. PLoS ONE, 2008, 3, e3958.	1.1	29