Monika Dezortova

List of Publications by Year
in descending order

29 papers	569 citations	623734 14 h-index	642732 23 g-index
30 all docs	30 docs citations	30 times ranked	946 citing authors

#	Article	IF	Citations
1	Effect of Omega‑3 Polyunsaturated Fatty Acids on Lipid Metabolism in Patients With Metabolic Syndrome and NAFLD. Hepatology Communications, 2022, 6, 1336-1349.	4.3	22
2	Associations of Brain Atrophy and Cerebral Iron Accumulation at MRI with Clinical Severity in Wilson Disease. Radiology, 2021, 299, 662-672.	7.3	22
3	Lipid Profile and Hepatic Fat Content Measured by 1H MR Spectroscopy in Patients before and after Liver Transplantation. Metabolites, 2021, 11, 625.	2.9	2
4	^{31}P magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. NMR in Biomedicine, 2021, 34, e4246.	2.8	81
5	In Vitro 31P MR Chemical Shifts of In Vivo-Detectable Metabolites at 3T as a Basis Set for a Pilot Evaluation of Skeletal Muscle and Liver 31P Spectra with LCModel Software. Molecules, 2021, 26, 7571.	3.8	5
6	Multiparametric Quantitative Brain MRI in Neurological and Hepatic Forms of Wilson's Disease. Journal of Magnetic Resonance Imaging, 2020, 51, 1829-1835.	3.4	19
7	Origin of the 31P MR signal at 5.3 ppm in patients with critical limb ischemia. NMR in Biomedicine, 2020, 33, e4295.	2.8	1
8	Different acute effects of fructose and glucose administration on hepatic fat content. American Journal of Clinical Nutrition, 2019, 109, 1519-1526.	4.7	8
9	MR compatible ergometers for dynamic ^{31}P MRS. Journal of Applied Biomedicine, 2019, 17, 91-98.	1.7	4
10	31P-MR spectroscopy in patients with mild and serious lower limb ischemia. International Angiology, 2018, 37, 293-299.	0.9	8
11	Skeletal Muscle Abnormalities and Iron Deficiency in Chronic Heart Failure. Circulation: Heart Failure, 2018, 11, e004800.	3.9	44
12	The aging effect on prostate metabolite concentrations measured by 1H MR spectroscopy. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2017, 30, 65-74.	2.0	1
13	Diabetic foot syndrome: importance of calf muscles MR spectroscopy in the assessment of limb ischemia and effect of revascularization. Vnitrni Lekarstvi, 2017, 63, 236-241.	0.2	2
14	Intramyocellular lipid content in subjects with impaired fasting glucose after telmisartan treatment, a randomised cross-over trial. Magnetic Resonance Imaging, 2016, 34, 353-358.	1.8	0
15	Long term pharmacotherapy by methylfenidate or atomoxetine DAT 1 10/10 ADHD children in correlation with results of the imaging methods. Neuroendocrinology Letters, 2016, 37, 289-294.	0.2	2
16	Dynamic ^{31}P MR spectroscopy of plantar flexion: Influence of ergometer design, magnetic field strength (3 and 7 T), and RF‑coil design. Medical Physics, 2015, 42, 1678-1689.	3.0	26
17	Flip‑angle mapping of ^{31}P coils by steady‑state MR spectroscopic imaging. Journal of Magnetic Resonance Imaging, 2014, 40, 391-397.	3.4	14
18	jSIPRO – Analysis tool for magnetic resonance spectroscopic imaging. Computer Methods and Programs in Biomedicine, 2013, 112, 173-188.	4.7	13

#	Article	IF	Citations
19	Two forms of iron as an intrinsic contrast agent in the basal ganglia of PKAN patients. Contrast Media and Molecular Imaging, 2012, 7, 509-515.	0.8	13
20	Changes in the brain during long‑term follow‑up after liver transplantation. Journal of Magnetic Resonance Imaging, 2012, 35, 1332-1337.	3.4	14
21	MR spectroscopy as a tool for in vivo determination of steatosis in liver transplant recipients. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 297-304.	2.0	27
22	1H MR spectroscopy as a diagnostic tool for cerebral creatine deficiency. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2008, 21, 327-332.	2.0	20
23	1H MR spectroscopy in pediatrics. European Journal of Radiology, 2008, 67, 240-249.	2.6	34
24	Introduction to clinical in vivo MR spectroscopy. European Journal of Radiology, 2008, 67, 185-193.	2.6	51
25	1H MR spectroscopy in epilepsy. European Journal of Radiology, 2008, 67, 258-267.	2.6	13
26	Etiology and functional status of liver cirrhosis by ^{31}P MR spectroscopy. World Journal of Gastroenterology, 2005, 11, 6926.	3.3	46
27	Application of two-dimensional CSI for absolute quantification of phosphorus metabolites in the human liver. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2001, 13, 40-46.	2.0	20
28	Application of LCModel for quality control and quantitative in vivo 1H MR spectroscopy by short echo time STEAM sequence. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2000, 10, 6-17.	2.0	30
29	1H MR spectroscopy in patients with mesial temporal epilepsy. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1998, 7, 95-114.	2.0	25