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	^{31}P magnetic resonance spectroscopy in skeletal muscle: Experts' consensus recommendations. NMR in Biomedicine, 2021, 34, e4246.	2.8	81
2	Introduction to clinical in vivo MR spectroscopy. European Journal of Radiology, 2008, 67, 185-193.	2.6	51
3	Etiology and functional status of liver cirrhosis by ^{31}P MR spectroscopy. World Journal of Gastroenterology, 2005, 11, 6926.	3.3	46
4	Skeletal Muscle Abnormalities and Iron Deficiency in Chronic Heart Failure. Circulation: Heart Failure, 2018, 11, e004800.	3.9	44
5	1H MR spectroscopy in pediatrics. European Journal of Radiology, 2008, 67, 240-249.	2.6	34
6	Application of LCModel for quality control and quantitative in vivo1H MR spectroscopy by short echo time STEAM sequence. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2000, 10, 6-17.	2.0	30
7	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
8	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
9	1H MR spectroscopy in patients with mesial temporal epilepsy. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1998, 7, 95-114.	2.0	25
10	Associations of Brain Atrophy and Cerebral Iron Accumulation at MRI with Clinical Severity in Wilson Disease. Radiology, 2021, 299, 662-672.	7.3	22
11	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
12	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
13	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
14	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
15	Changes in the brain during long‐term follow‐up after liver transplantation. Journal of Magnetic Resonance Imaging, 2012, 35, 1332-1337.	3.4	14
16	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
17	1H MR spectroscopy in epilepsy. European Journal of Radiology, 2008, 67, 258-267.	2.6	13
18	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

#	Article	IF	Citations
19	jSIPRO â€" Analysis tool for magnetic resonance spectroscopic imaging. Computer Methods and Programs in Biomedicine, 2013, 112, 173-188.	4.7	13
20	31P-MR spectroscopy in patients with mild and serious lower limb ischemia. International Angiology, 2018, 37, 293-299.	0.9	8
21	Different acute effects of fructose and glucose administration on hepatic fat content. American Journal of Clinical Nutrition, 2019, 109, 1519-1526.	4.7	8
22	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
23	MR compatible ergometers for dynamic <sup>31</sup>P MRS. Journal of Applied Biomedicine, 2019, 17, 91-98.	1.7	4
24	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
25	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
26	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
27	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
28	Origin of the31P MR signal at 5.3 ppm in patients with critical limb ischemia. NMR in Biomedicine, 2020, 33, e4295.	2.8	1
29	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