

Milan Hãjek

List of Publications by Year in descending order

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37
papers

565
citations

567281

15
h-index

642732

23
g-index

37
all docs

37
docs citations

37
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to clinical in vivo MR spectroscopy. <i>European Journal of Radiology</i> , 2008, 67, 185-193.	2.6	51
2	Skeletal Muscle Abnormalities and Iron Deficiency in Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e004800.	3.9	44
3	¹ H MR spectroscopy in pediatrics. <i>European Journal of Radiology</i> , 2008, 67, 240-249.	2.6	34
4	Combined intervention with pioglitazone and n-3 fatty acids in metformin-treated type 2 diabetic patients: improvement of lipid metabolism. <i>Nutrition and Metabolism</i> , 2015, 12, 52.	3.0	31
5	Application of LCModel for quality control and quantitative in vivo ¹ H MR spectroscopy by short echo time STEAM sequence. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2000, 10, 6-17.	2.0	30
6	MR relaxometry and ¹ H MR spectroscopy for the determination of iron and metabolite concentrations in PKAN patients. <i>European Radiology</i> , 2005, 15, 1060-1068.	4.5	30
7	MR spectroscopy as a tool for in vivo determination of steatosis in liver transplant recipients. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 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. <i>Medical Physics</i> , 2015, 42, 1678-1689.	3.0	26
9	¹ H MR spectroscopy in patients with mesial temporal epilepsy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1998, 7, 95-114.	2.0	25
10	Glycogen as an advantageous polymer carrier in cancer theranostics: Straightforward in vivo evidence. <i>Scientific Reports</i> , 2020, 10, 10411.	3.3	24
11	Associations of Brain Atrophy and Cerebral Iron Accumulation at MRI with Clinical Severity in Wilson Disease. <i>Radiology</i> , 2021, 299, 662-672.	7.3	22
12	Effect of Omega-3 Polyunsaturated Fatty Acids on Lipid Metabolism in Patients With Metabolic Syndrome and NAFLD. <i>Hepatology Communications</i> , 2022, 6, 1336-1349.	4.3	22
13	¹ H MR spectroscopy of mesial temporal lobe epilepsies treated with Gamma knife. <i>European Radiology</i> , 2003, 13, 994-1000.	4.5	21
14	Application of two-dimensional CSI for absolute quantification of phosphorus metabolites in the human liver. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 13, 40-46.	2.0	20
15	Multiparametric Quantitative Brain MRI in Neurological and Hepatic Forms of Wilson's Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1829-1835.	3.4	19
16	Implant-forming polymeric ¹⁹ F MRI-tracer with tunable dissolution. <i>Journal of Controlled Release</i> , 2020, 327, 50-60.	9.9	18
17	Chronic liver disease: relaxometry in the brain after liver transplantation. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 12, 10-15.	2.0	17
18	¹ H MR spectroscopy in histopathological subgroups of mesial temporal lobe epilepsy. <i>European Radiology</i> , 2009, 19, 400-408.	4.5	15

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19	1H MR spectroscopy in epilepsy. <i>European Journal of Radiology</i> , 2008, 67, 258-267.	2.6	13
20	The Optimal Timing for Pancreatic Islet Transplantation into Subcutaneous Scaffolds Assessed by Multimodal Imaging. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-13.	0.8	10
21	Low-molecular-weight paramagnetic 19F contrast agents for fluorine magnetic resonance imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 115-122.	2.0	9
22	Comparison of MR spectroscopy and MR imaging with contrast agent in children with cerebral astrocytomas. <i>Child's Nervous System</i> , 1999, 15, 408-412.	1.1	8
23	31P-MR spectroscopy in patients with mild and serious lower limb ischemia. <i>International Angiology</i> , 2018, 37, 293-299.	0.9	8
24	Different acute effects of fructose and glucose administration on hepatic fat content. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1519-1526.	4.7	8
25	Alterations in the basal ganglia in patients with brain tumours may be due to excessive iron deposition. <i>Oncology Letters</i> , 2015, 9, 43-46.	1.8	6
26	Multimodal Imaging Reveals Improvement of Blood Supply to an Artificial Cell Transplant Site Induced by Bioluminescent Mesenchymal Stem Cells. <i>Molecular Imaging and Biology</i> , 2017, 19, 15-23.	2.6	5
27	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
28	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. <i>Molecules</i> , 2021, 26, 7571.	3.8	5
29	MR compatible ergometers for dynamic ³¹ P MRS. <i>Journal of Applied Biomedicine</i> , 2019, 17, 91-98.	1.7	4
30	Lipid Profile and Hepatic Fat Content Measured by 1H MR Spectroscopy in Patients before and after Liver Transplantation. <i>Metabolites</i> , 2021, 11, 625.	2.9	2
31	Long term pharmacotherapy by methylfenidate or atomoxetine DAT 1 10/10 ADHD children in correlation with results of the imaging methods. <i>Neuroendocrinology Letters</i> , 2016, 37, 289-294.	0.2	2
32	Multi-Site Interventional Real-Time Procedure Demonstrations with the Use of Integrated Services Digital Network Connections. <i>CardioVascular and Interventional Radiology</i> , 2001, 24, 332-335.	2.0	1
33	Automatic Detection of Pancreatic Islets in Magnetic Resonance Rat Liver Images. , 2007, , .		1
34	The aging effect on prostate metabolite concentrations measured by 1H MR spectroscopy. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 65-74.	2.0	1
35	Origin of the 31P MR signal at 5.3 ppm in patients with critical limb ischemia. <i>NMR in Biomedicine</i> , 2020, 33, e4295.	2.8	1
36	Intramyocellular lipid content in subjects with impaired fasting glucose after telmisartan treatment, a randomised cross-over trial. <i>Magnetic Resonance Imaging</i> , 2016, 34, 353-358.	1.8	0

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37	Magnetic resonance markers of bilateral neuronal metabolic dysfunction in patients with unilateral internal carotid artery occlusion. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 141-151.	2.0	0