

Dieter Meier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4429835/publications.pdf>

Version: 2024-02-01

25
papers

1,411
citations

516710

16
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1618
citing authors

#	ARTICLE	IF	CITATIONS
1	A new correlation-based fuzzy logic clustering algorithm for FMRI. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 249-260.	3.0	199
2	Sensitivity-encoded spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 713-722.	3.0	162
3	True myocardial motion tracking. <i>Magnetic Resonance in Medicine</i> , 1994, 31, 401-413.	3.0	148
4	<i>In Vivo</i> Measurement of Brain GABA Concentrations by Magnetic Resonance Spectroscopy in Smelters Occupationally Exposed to Manganese. <i>Environmental Health Perspectives</i> , 2011, 119, 219-224.	6.0	130
5	Transfer insensitive labeling technique (TILT): Application to multislice functional perfusion imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 454-461.	3.4	96
6	Quantitative ¹ H MRS in the evaluation of mesial temporal lobe epilepsy in vivo. <i>Magnetic Resonance Imaging</i> , 1998, 16, 969-979.	1.8	80
7	Improved two-dimensional J-resolved spectroscopy. <i>NMR in Biomedicine</i> , 2006, 19, 264-270.	2.8	78
8	Assessment of absolute metabolite concentrations in human tissue by ³¹ P MRS in vivo. Part II: Muscle, liver, kidney. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 453-458.	3.0	71
9	Metabolic aspects of phosphate replacement therapy for hypophosphatemia after renal transplantation: Impact on muscular phosphate content, mineral metabolism, and acid/base homeostasis. <i>American Journal of Kidney Diseases</i> , 1999, 34, 875-883.	1.9	65
10	Parallel spectroscopic imaging with spin-echo trains. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 196-200.	3.0	62
11	Visualization and quantification of the human blood flow by magnetic resonance imaging. <i>Journal of Biomechanics</i> , 1992, 25, 55-67.	2.1	58
12	Effects of vigabatrin intake on brain GABA activity as monitored by spectrally edited magnetic resonance spectroscopy and positron emission tomography. <i>Magnetic Resonance Imaging</i> , 1999, 17, 417-425.	1.8	49
13	Quantitative ¹ H MRS of the human brain in vivo based on the simulation phantom calibration strategy. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 491-496.	3.0	38
14	Optimizing PRESS localized citrate detection at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 51-58.	3.0	34
15	In vivo ¹ H NMR spectroscopy of individual human brain metabolites at moderate field strengths. <i>Magnetic Resonance Imaging</i> , 2003, 21, 1295-1302.	1.8	31
16	Differential NMR spectroscopy reactions of anterior/posterior and right/left insular subdivisions due to acute dental pain. <i>European Radiology</i> , 2013, 23, 450-460.	4.5	26
17	Cerebral Metabolic Alterations in McLeod Syndrome. <i>European Neurology</i> , 2006, 56, 17-23.	1.4	19
18	In vivo proton magnetic resonance spectroscopy for the evaluation of hepatic encephalopathy in dogs. <i>American Journal of Veterinary Research</i> , 2014, 75, 818-827.	0.6	16

#	ARTICLE	IF	CITATIONS
19	Regional metabolite concentrations in the brain of healthy dogs measured by use of short echo time, single voxel proton magnetic resonance spectroscopy at 3.0 Tesla. American Journal of Veterinary Research, 2015, 76, 129-141.	0.6	13
20	Heuristic optimization algorithms applied to the quantification of spectroscopic data. Magnetic Resonance in Medicine, 1998, 39, 723-730.	3.0	12
21	Insula-Specific 1H Magnetic Resonance Spectroscopy Reactions in Heavy Smokers under Acute Nicotine Withdrawal and after Oral Nicotine Substitution. European Addiction Research, 2013, 19, 184-193.	2.4	9
22	Evaluation of intracranial neoplasia and noninfectious meningoencephalitis in dogs by use of short echo time, single voxel proton magnetic resonance spectroscopy at 3.0 Tesla. American Journal of Veterinary Research, 2016, 77, 452-462.	0.6	9
23	Reproducibility of Neurochemical Profile Quantification in Pregenual Cingulate, Anterior Midcingulate, and Bilateral Posterior Insular Subdivisions Measured at 3 Tesla. Frontiers in Human Neuroscience, 2016, 10, 300.	2.0	4
24	Non-invasive quantification of hepatic fat content in healthy dogs by using proton magnetic resonance spectroscopy and dual gradient echo magnetic resonance imaging. Journal of Veterinary Science, 2018, 19, 570.	1.3	2
25	ENTWICKLUNG VON MESSVERFAHREN UND AUSWERTUNGEN FÜR DIE IN-VIVO PHOSPHOR-MAGNETRESONANZSPEKTROSKOPIE. Biomedizinische Technik, 1991, 36, 415-416.	0.8	0