Dieter Meier

List of Publications by Year
in descending order

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	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
2	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
3	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
4	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
5	In vivo proton magnetic resonance spectroscopy for the evaluation of hepatic encephalopathy in dogs. American Journal of Veterinary Research, 2014, 75, 818-827.	0.6	16
6	Differential NMR spectroscopy reactions of anterior/posterior and right/left insular subdivisions due to acute dental pain. European Radiology, 2013, 23, 450-460.	4.5	26
7	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
8	In Vivo Measurement of Brain GABA Concentrations by Magnetic Resonance Spectroscopy in Smelters Occupationally Exposed to Manganese. Environmental Health Perspectives, 2011, 119, 219-224.	6.0	130
9	Improved two-dimensionalJ-resolved spectroscopy. NMR in Biomedicine, 2006, 19, 264-270.	2.8	78
10	Cerebral Metabolic Alterations in McLeod Syndrome. European Neurology, 2006, 56, 17-23.	1.4	19
11	Optimizing PRESS localized citrate detection at 3 Tesla. Magnetic Resonance in Medicine, 2005, 54, 51-58.	3.0	34
12	In vivo 1H NMR spectroscopy of individual human brain metabolites at moderate field strengths. Magnetic Resonance Imaging, 2003, 21, 1295-1302.	1.8	31
13	Parallel spectroscopic imaging with spin-echo trains. Magnetic Resonance in Medicine, 2003, 50, 196-200.	3.0	62
14	Sensitivity-encoded spectroscopic imaging. Magnetic Resonance in Medicine, 2001, 46, 713-722.	3.0	162
15	Effects of vigabatrin intake on brain GABA activity as monitored by spectrally edited magnetic resonance spectroscopy and positron emission tomography. Magnetic Resonance Imaging, 1999, 17, 417-425.	1.8	49
16	Transfer insensitive labeling technique (TILT): Application to multislice functional perfusion imaging. Journal of Magnetic Resonance Imaging, 1999, 9, 454-461.	3.4	96
17	Metabolic aspects of phosphate replacement therapy for hypophosphatemia after renal transplantation: Impact on muscular phosphate content, mineral metabolism, and acid/base homeostasis. American Journal of Kidney Diseases, 1999, 34, 875-883.	1.9	65
18	Quantitative1H MRS of the human brainin vivo based on the simulation phantom calibration strategy. Magnetic Resonance in Medicine, 1998, 39, 491-496.	3.0	38

#	Article	IF	Citations
19	Heuristic optimization algorithms applied to the quantification of spectroscopic data. Magnetic Resonance in Medicine, 1998, 39, 723-730.	3.0	12
20	A new correlation-based fuzzy logic clustering algorithm for FMRI. Magnetic Resonance in Medicine, 1998, 40, 249-260.	3.0	199
21	Quantitative 1H MRS in the evaluation of mesial temporal lobe epilepsy in vivo. Magnetic Resonance Imaging, 1998, 16, 969-979.	1.8	80
22	True myocardial motion tracking. Magnetic Resonance in Medicine, 1994, 31, 401-413.	3.0	148
23	Assessment of absolute metabolite concentrations in human tissue by31P MRSin vivo. Part II: Muscle, liver, kidney. Magnetic Resonance in Medicine, 1994, 32, 453-458.	3.0	71
24	Visualization and quantification of the human blood flow by magnetic resonance imaging. Journal of Biomechanics, 1992, 25, 55-67.	2.1	58
25	ENTWICKLUNG VON MESSVERFAHREN UND AUSWERTUNGEN FÃœR DIE IN-VIVO PHOSPHOR-MAGNETRESONANZSPEKTROSKOPIE. Biomedizinische Technik, 1991, 36, 415-416.	0.8	0