Jan Weis

List of Publications by Year
in descending order

		623734	752698
42	558	14	20
papers	citations	h-index	g-index

43	43	43	770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measurements of Magnetic Field Variations in the Human Brain Using a 3D-FT Multiple Gradient Echo Technique. Magnetic Resonance in Medicine, 1995, 33, 171-177.	3.0	40
2	Assessment of lipids in skeletal muscle by LCModel and AMARES. Journal of Magnetic Resonance Imaging, 2009, 30, 1124-1129.	3.4	35
3	Chemical shift artifact-free microscopy: Spectroscopic microimaging of the human skin. Magnetic Resonance in Medicine, 1999, 41, 904-908.	3.0	33
4	Noninvasive monitoring of brain temperature during mild hypothermia. Magnetic Resonance Imaging, 2009, 27, 923-932.	1.8	27
5	Reduced Oxygenation In Diabetic Rat Kidneys Measured By T2* Weighted Magnetic Resonance Micro-Imaging. Advances in Experimental Medicine and Biology, 2009, 645, 199-204.	1.6	27
6	Human brain MR spectroscopy thermometry using metabolite aqueousâ€solution calibrations. Journal of Magnetic Resonance Imaging, 2010, 31, 807-814.	3.4	25
7	High-resolution spectroscopic imaging of the human skin. Magnetic Resonance Imaging, 2001, 19, 275-278.	1.8	23
8	Two-dimensional spectroscopic imaging for pretreatment evaluation of prostate cancer: comparison with the step-section histology after radical prostatectomy. Magnetic Resonance Imaging, 2009, 27, 87-93.	1.8	20
9	Multiparametric assessment of renal physiology in healthy volunteers using noninvasive magnetic resonance imaging. American Journal of Physiology - Renal Physiology, 2019, 316, F693-F702.	2.7	19
10	Simulation of the influence of magnetic field inhomogeneity and distortion correction in MR imaging. Magnetic Resonance Imaging, 1990, 8, 483-489.	1.8	18
11	Lipid content in the musculature of the lower leg: Evaluation with high-resolution spectroscopic imaging. Magnetic Resonance in Medicine, 2005, 54, 152-158.	3.0	18
12	Multiple breathâ€hold proton spectroscopy of human liver at 3T: Relaxation times and concentrations of glycogen, choline, and lipids. Journal of Magnetic Resonance Imaging, 2018, 47, 410-417.	3.4	17
13	Magnetic Field Distribution Measurement by the Modified FLASH Method. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1989, 44, 1151-1154.	1.5	16
14	Cerebral Magnesium Levels in Preeclampsia; A Phosphorus Magnetic Resonance Spectroscopy Study. American Journal of Hypertension, 2017, 30, 667-672.	2.0	15
15	Inhibitory and excitatory neurotransmitter systems in depressed and healthy: A positron emission tomography and magnetic resonance spectroscopy study. Psychiatry Research - Neuroimaging, 2021, 315, 111327.	1.8	14
16	Assessment of cerebral perfusion and edema in preeclampsia with intravoxel incoherent motion <scp>MRI</scp>. Acta Obstetricia Et Gynecologica Scandinavica, 2018, 97, 1212-1218.	2.8	13
17	Intravoxel Incoherent Motion MR Imaging of the Kidney: Pilot Study. Advances in Experimental Medicine and Biology, 2013, 765, 55-58.	1.6	13
18	Short echo time MR spectroscopy of brain tumors: Grading of cerebral gliomas by correlation analysis of normalized spectral amplitudes. Journal of Magnetic Resonance Imaging, 2010, 31, 39-45.	3.4	12

#	Article	IF	Citations
19	MR Spectroscopy of the Prostate at 3T: Measurements of Relaxation Times and Quantification of Prostate Metabolites using Water as an Internal Reference. Magnetic Resonance in Medical Sciences, 2013, 12, 289-296.	2.0	12
20	Circadian variation in renal blood flow and kidney function in healthy volunteers monitored with noninvasive magnetic resonance imaging. American Journal of Physiology - Renal Physiology, 2020, 319, F966-F978.	2.7	12
21	Susceptibility, field inhomogeneity, and chemical shift-corrected NMR microscopy: Application to the human finger in vivo. Magnetic Resonance Imaging, 1996, 14, 1165-1175.	1.8	11
22	Quantification of lipids in human lower limbs using yellow bone marrow as the internal reference: gender-related effects. Magnetic Resonance Imaging, 2010, 28, 676-682.	1.8	11
23	MR spectroscopy of the human prostate using surface coil at 3 T: Metabolite ratios, ageâ€dependent effects, and diagnostic possibilities. Journal of Magnetic Resonance Imaging, 2011, 34, 1277-1284.	3.4	11
24	1H-spectroscopic imaging with read gradient during acquisition in inhomogeneous fields: analysis, measurement strategy, and data processing. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1997, 5, 201-212.	2.0	10
25	Radiolabelling and positron emission tomography imaging of a high-affinity peptide binder to collagen type 1. Nuclear Medicine and Biology, 2021, 93, 54-62.	0.6	10
26	The Use of a Non-Conventional Long-Lived Gallium Radioisotope 66Ga Improves Imaging Contrast of EGFR Expression in Malignant Tumours Using DFO-ZEGFR:2377 Affibody Molecule. Pharmaceutics, 2021, 13, 292.	4.5	10
27	Magnetic resonance spectroscopic imaging for visualization and correction of distortions in MRI: high precision applications in neurosurgery. Magnetic Resonance Imaging, 1998, 16, 1265-1272.	1.8	9
28	Chemical shift artifact-free imaging: a new option in MRI?. Magnetic Resonance Imaging, 1998, 16, 839-844.	1.8	7
29	Chemical-shift micro-imaging of subcutaneous lesions. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2005, 18, 59-62.	2.0	7
30	High-Resolution Echo-Planar Spectroscopic Imaging of the Human Calf. PLoS ONE, 2014, 9, e87533.	2.5	7
31	Pre-transplantation 31 P-magnetic resonance spectroscopy for quality assessment of human pancreatic grafts â€“ A feasibility study. Magnetic Resonance Imaging, 2017, 39, 98-102.	1.8	7
32	An Intraprostatic Modified Release Formulation of Antiandrogen 2-Hydroxyflutamide for Localized Prostate Cancer. Journal of Urology, 2017, 198, 1333-1339.	0.4	7
33	Quantification of metabolite concentrations in benign and malignant prostate tissues using 3D proton MR spectroscopic imaging. Journal of Magnetic Resonance Imaging, 2017, 45, 1232-1240.	3.4	7
34	GABA quantification in human anterior cingulate cortex. PLoS ONE, 2021, 16, e0240641.	2.5	7
35	Phase-difference and spectroscopic imaging for monitoring of human brain temperature during cooling. Magnetic Resonance Imaging, 2012, 30, 1505-1511.	1.8	6
36	Spectroscopic imaging of bone marrow composition in vertebral bodies. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2001, 13, 15-18.	2.0	5

#	Article	IF	Citations
37	Proton MR spectroscopy of human pancreas allografts. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 511-517.	2.0	5
38	Spectroscopy of large volumes: Spectroscopic imaging of total body fat. Magnetic Resonance Imaging, 2001, 19, 1239-1243.	1.8	4
39	A simple method for mapping the B1 field distribution of linear RF coils. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2005, 18, 283-287.	2.0	4
40	Pancreatic perfusion and its response to glucose as measured by simultaneous PET/MRI. Acta Diabetologica, 2019, 56, 1113-1120.	2.5	4
41	Characterization of human head vasculature by percolation parameters. Magnetic Resonance Imaging, 1999, 17, 411-415.	1.8	0
42	Spectroscopic imaging of bone marrow composition in vertebral bodies. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2001, 13, 15-18.	2.0	0