

Jan Weis

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

558
citations

623734

14
h-index

752698

20
g-index

43
all docs

43
docs citations

43
times ranked

770
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Radiolabelling and positron emission tomography imaging of a high-affinity peptide binder to collagen type 1. <i>Nuclear Medicine and Biology</i> , 2021, 93, 54-62. | 0.6 | 10 |
| 2 | GABA quantification in human anterior cingulate cortex. <i>PLoS ONE</i> , 2021, 16, e0240641. | 2.5 | 7 |
| 3 | The Use of a Non-Conventional Long-Lived Gallium Radioisotope ⁶⁶ Ga Improves Imaging Contrast of EGFR Expression in Malignant Tumours Using DFO-ZEGFR:2377 Affibody Molecule. <i>Pharmaceutics</i> , 2021, 13, 292. | 4.5 | 10 |
| 4 | Inhibitory and excitatory neurotransmitter systems in depressed and healthy: A positron emission tomography and magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2021, 315, 111327. | 1.8 | 14 |
| 5 | Circadian variation in renal blood flow and kidney function in healthy volunteers monitored with noninvasive magnetic resonance imaging. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F966-F978. | 2.7 | 12 |
| 6 | Proton MR spectroscopy of human pancreas allografts. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 511-517. | 2.0 | 5 |
| 7 | Pancreatic perfusion and its response to glucose as measured by simultaneous PET/MRI. <i>Acta Diabetologica</i> , 2019, 56, 1113-1120. | 2.5 | 4 |
| 8 | Multiparametric assessment of renal physiology in healthy volunteers using noninvasive magnetic resonance imaging. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F693-F702. | 2.7 | 19 |
| 9 | Multiple breath-hold proton spectroscopy of human liver at 3T: Relaxation times and concentrations of glycogen, choline, and lipids. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 410-417. | 3.4 | 17 |
| 10 | Assessment of cerebral perfusion and edema in preeclampsia with intravoxel incoherent motion MRI. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 1212-1218. | 2.8 | 13 |
| 11 | Pre-transplantation ³¹ P-magnetic resonance spectroscopy for quality assessment of human pancreatic grafts – A feasibility study. <i>Magnetic Resonance Imaging</i> , 2017, 39, 98-102. | 1.8 | 7 |
| 12 | Cerebral Magnesium Levels in Preeclampsia; A Phosphorus Magnetic Resonance Spectroscopy Study. <i>American Journal of Hypertension</i> , 2017, 30, 667-672. | 2.0 | 15 |
| 13 | An Intraprostatic Modified Release Formulation of Antiandrogen 2-Hydroxyflutamide for Localized Prostate Cancer. <i>Journal of Urology</i> , 2017, 198, 1333-1339. | 0.4 | 7 |
| 14 | Quantification of metabolite concentrations in benign and malignant prostate tissues using 3D proton MR spectroscopic imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1232-1240. | 3.4 | 7 |
| 15 | High-Resolution Echo-Planar Spectroscopic Imaging of the Human Calf. <i>PLoS ONE</i> , 2014, 9, e87533. | 2.5 | 7 |
| 16 | MR Spectroscopy of the Prostate at 3T: Measurements of Relaxation Times and Quantification of Prostate Metabolites using Water as an Internal Reference. <i>Magnetic Resonance in Medical Sciences</i> , 2013, 12, 289-296. | 2.0 | 12 |
| 17 | Intravoxel Incoherent Motion MR Imaging of the Kidney: Pilot Study. <i>Advances in Experimental Medicine and Biology</i> , 2013, 765, 55-58. | 1.6 | 13 |
| 18 | Phase-difference and spectroscopic imaging for monitoring of human brain temperature during cooling. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1505-1511. | 1.8 | 6 |

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|----|--|-----|-----------|
| 19 | MR spectroscopy of the human prostate using surface coil at 3 T: Metabolite ratios, age-dependent effects, and diagnostic possibilities. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1277-1284. | 3.4 | 11 |
| 20 | Short echo time MR spectroscopy of brain tumors: Grading of cerebral gliomas by correlation analysis of normalized spectral amplitudes. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 39-45. | 3.4 | 12 |
| 21 | Human brain MR spectroscopy thermometry using metabolite aqueous-resolution calibrations. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 807-814. | 3.4 | 25 |
| 22 | Quantification of lipids in human lower limbs using yellow bone marrow as the internal reference: gender-related effects. <i>Magnetic Resonance Imaging</i> , 2010, 28, 676-682. | 1.8 | 11 |
| 23 | Assessment of lipids in skeletal muscle by LCMoDel and AMARES. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1124-1129. | 3.4 | 35 |
| 24 | Two-dimensional spectroscopic imaging for pretreatment evaluation of prostate cancer: comparison with the step-section histology after radical prostatectomy. <i>Magnetic Resonance Imaging</i> , 2009, 27, 87-93. | 1.8 | 20 |
| 25 | Noninvasive monitoring of brain temperature during mild hypothermia. <i>Magnetic Resonance Imaging</i> , 2009, 27, 923-932. | 1.8 | 27 |
| 26 | Reduced Oxygenation In Diabetic Rat Kidneys Measured By T2* Weighted Magnetic Resonance Micro-Imaging. <i>Advances in Experimental Medicine and Biology</i> , 2009, 645, 199-204. | 1.6 | 27 |
| 27 | Lipid content in the musculature of the lower leg: Evaluation with high-resolution spectroscopic imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 152-158. | 3.0 | 18 |
| 28 | Chemical-shift micro-imaging of subcutaneous lesions. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2005, 18, 59-62. | 2.0 | 7 |
| 29 | A simple method for mapping the B1 field distribution of linear RF coils. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2005, 18, 283-287. | 2.0 | 4 |
| 30 | Spectroscopic imaging of bone marrow composition in vertebral bodies. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 13, 15-18. | 2.0 | 5 |
| 31 | High-resolution spectroscopic imaging of the human skin. <i>Magnetic Resonance Imaging</i> , 2001, 19, 275-278. | 1.8 | 23 |
| 32 | Spectroscopy of large volumes: Spectroscopic imaging of total body fat. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1239-1243. | 1.8 | 4 |
| 33 | Spectroscopic imaging of bone marrow composition in vertebral bodies. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2001, 13, 15-18. | 2.0 | 0 |
| 34 | Characterization of human head vasculature by percolation parameters. <i>Magnetic Resonance Imaging</i> , 1999, 17, 411-415. | 1.8 | 0 |
| 35 | Chemical shift artifact-free microscopy: Spectroscopic microimaging of the human skin. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 904-908. | 3.0 | 33 |
| 36 | Chemical shift artifact-free imaging: a new option in MRI?. <i>Magnetic Resonance Imaging</i> , 1998, 16, 839-844. | 1.8 | 7 |

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|----|--|-----|-----------|
| 37 | Magnetic resonance spectroscopic imaging for visualization and correction of distortions in MRI: high precision applications in neurosurgery. <i>Magnetic Resonance Imaging</i> , 1998, 16, 1265-1272. | 1.8 | 9 |
| 38 | ¹ H-spectroscopic imaging with read gradient during acquisition in inhomogeneous fields: analysis, measurement strategy, and data processing. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 1997, 5, 201-212. | 2.0 | 10 |
| 39 | Susceptibility, field inhomogeneity, and chemical shift-corrected NMR microscopy: Application to the human finger in vivo. <i>Magnetic Resonance Imaging</i> , 1996, 14, 1165-1175. | 1.8 | 11 |
| 40 | Measurements of Magnetic Field Variations in the Human Brain Using a 3D-FT Multiple Gradient Echo Technique. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 171-177. | 3.0 | 40 |
| 41 | Simulation of the influence of magnetic field inhomogeneity and distortion correction in MR imaging. <i>Magnetic Resonance Imaging</i> , 1990, 8, 483-489. | 1.8 | 18 |
| 42 | Magnetic Field Distribution Measurement by the Modified FLASH Method. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1989, 44, 1151-1154. | 1.5 | 16 |