

Harald Bruhn

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,506
citations

147566

31
h-index

174990

52
g-index

54
all docs

54
docs citations

54
times ranked

3967
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effects of Cognitive Behavioral Therapy on Neural Processing of Agoraphobia-Specific Stimuli in Panic Disorder and Agoraphobia. <i>Psychotherapy and Psychosomatics</i> , 2018, 87, 350-365. | 4.0 | 7 |
| 2 | DTI fiber tractography of cerebro-cerebellar pathways and clinical evaluation of ataxia in childhood posterior fossa tumor survivors. <i>Journal of Neuro-Oncology</i> , 2017, 131, 267-276. | 1.4 | 28 |
| 3 | Cerebral white matter fractional anisotropy and tract volume as measured by MR imaging are associated with impaired cognitive and motor function in pediatric posterior fossa tumor survivors. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1252-1258. | 0.8 | 44 |
| 4 | Fronto-cerebellar fiber tractography in pediatric patients following posterior fossa tumor surgery. <i>Child's Nervous System</i> , 2013, 29, 597-607. | 0.6 | 67 |
| 5 | Supratentorial Neurometabolic Alterations in Pediatric Survivors of Posterior Fossa Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1135-1141. | 0.4 | 17 |
| 6 | Perfusion imaging of cerebral arteriovenous malformations: a study comparing quantitative continuous arterial spin labeling and dynamic contrast-enhanced magnetic resonance imaging at 3 T. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1157-1164. | 1.0 | 19 |
| 7 | A new paradigm (Westphal-Paradigm) to study the neural correlates of panic disorder with agoraphobia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 185-194. | 1.8 | 33 |
| 8 | Effects of short-term stress-like cortisol on cerebral metabolism: A proton magnetic resonance spectroscopy study at 3.0 T. <i>Journal of Psychiatric Research</i> , 2010, 44, 521-526. | 1.5 | 11 |
| 9 | Differences in Supratentorial Damage of White Matter in Pediatric Survivors of Posterior Fossa Tumors With and Without Adjuvant Treatment as Detected by Magnetic Resonance Diffusion Tensor Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 859-866. | 0.4 | 65 |
| 10 | High-resolution depiction of the cranial nerves in the posterior fossa (N III–N XII) with 2D fast spin echo and 3D gradient echo sequences at 3.0 T. <i>Clinical Imaging</i> , 2009, 33, 169-174. | 0.8 | 15 |
| 11 | Decreased bilateral cortical representation patterns in writer's cramp: a functional magnetic resonance imaging study at 3.0 T. <i>Neurological Sciences</i> , 2009, 30, 219-226. | 0.9 | 22 |
| 12 | Quantitative proton magnetic resonance spectroscopy of the normal liver and malignant hepatic lesions at 3.0 Tesla. <i>European Radiology</i> , 2008, 18, 2549-2558. | 2.3 | 45 |
| 13 | Assessment of <i>in vivo</i> 1H magnetic resonance spectroscopy in the liver: a review. <i>Liver International</i> , 2008, 28, 297-307. | 1.9 | 61 |
| 14 | Latex nanoparticles for multimodal imaging and detection <i>in vivo</i> . <i>Nanotechnology</i> , 2007, 18, 195102. | 1.3 | 21 |
| 15 | Poly(ethylene oxide)-block-poly(glutamic acid) coated maghemite nanoparticles: <i>in vitro</i> characterization and <i>in vivo</i> behaviour. <i>Nanotechnology</i> , 2007, 18, 115710. | 1.3 | 25 |
| 16 | High-resolution MRI of the wrist and finger joints in patients with rheumatoid arthritis: comparison of 1.5 Tesla and 3.0 Tesla. <i>European Radiology</i> , 2007, 17, 2176-2182. | 2.3 | 43 |
| 17 | Local Arterial Infusion of Superparamagnetic Iron Oxide Particles in Hepatocellular Carcinoma. <i>Investigative Radiology</i> , 2006, 41, 527-535. | 3.5 | 23 |
| 18 | The effect of thermotherapy using magnetic nanoparticles on rat malignant glioma. <i>Journal of Neuro-Oncology</i> , 2006, 78, 7-14. | 1.4 | 409 |

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|----|---|-----|-----------|
| 19 | Imaging of serotonin transporters and its blockade by citalopram in patients with major depression using a novel SPECT ligand [¹²³ I]-ADAM. <i>Journal of Neural Transmission</i> , 2006, 113, 659-670. | 1.4 | 60 |
| 20 | MR colonoscopy at 3.0 T: comparison with 1.5 T in vivo and a colon model. <i>Clinical Imaging</i> , 2006, 30, 248-253. | 0.8 | 13 |
| 21 | Intrinsically radiopaque iodine-containing polyvinyl alcohol as a liquid embolic agent: evaluation in experimental wide-necked aneurysms. <i>Journal of Neurosurgery</i> , 2006, 104, 290-297. | 0.9 | 14 |
| 22 | Efficacy of Contrast Medium Use for Neuroimaging at 3.0 T. <i>Journal of Computer Assisted Tomography</i> , 2005, 29, 499-505. | 0.5 | 20 |
| 23 | Imaging of single human carcinoma cells in vitro using a clinical whole-body magnetic resonance scanner at 3.0 T. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1187-1192. | 1.9 | 21 |
| 24 | MRI of Prostate Cancer at 1.5 and 3.0 T: Comparison of Image Quality in Tumor Detection and Staging. <i>American Journal of Roentgenology</i> , 2005, 185, 1214-1220. | 1.0 | 128 |
| 25 | ¹²³ I-IMT SPECT and ¹ HMR-Spectroscopy at 3.0T in the Differential Diagnosis of Recurrent or Residual Gliomas: A Comparative Study. <i>Journal of Neuro-Oncology</i> , 2004, 70, 49-58. | 1.4 | 105 |
| 26 | Vascular compression in glossopharyngeal neuralgia: demonstration by high-resolution MRI at 3½tesla. <i>Neuroradiology</i> , 2003, 45, 810-811. | 1.1 | 24 |
| 27 | Functional MRI of the Human Amygdala?. <i>NeuroImage</i> , 2001, 14, 253-257. | 2.1 | 154 |
| 28 | Modulation of cerebral blood oxygenation by indomethacin: MRI at rest and functional brain activation. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 325-334. | 1.9 | 60 |
| 29 | Voluntary palatal tremor is associated with hyperactivation of the inferior olive: A functional magnetic resonance imaging study. <i>Movement Disorders</i> , 2001, 16, 1193-1195. | 2.2 | 22 |
| 30 | Alzheimer Disease: Absolute Quantification of Cerebral Metabolites In Vivo Using Localized Proton Magnetic Resonance Spectroscopy. <i>Alzheimer Disease and Associated Disorders</i> , 2000, 14, 112-119. | 0.6 | 24 |
| 31 | MR-Guided Localization of Suspected Breast Lesions Detected Exclusively by Postcontrast MRI. <i>Journal of Computer Assisted Tomography</i> , 1995, 19, 63-66. | 0.5 | 25 |
| 32 | The Effect of Acetazolamide on Regional Cerebral Blood Oxygenation at Rest and under Stimulation as Assessed by MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994, 14, 742-748. | 2.4 | 105 |
| 33 | Lhermitte-Duclos disease: a critical appraisal of different radiologic methods. <i>European Journal of Radiology</i> , 1994, 19, 21-24. | 1.2 | 14 |
| 34 | Identification ofscyllo-inositol in proton NMR spectra of human brainin vivo. <i>NMR in Biomedicine</i> , 1993, 6, 105-109. | 1.6 | 90 |
| 35 | Molecular self-diffusion of intracellular metabolites in rat brainin vivo Investigated by Localized Proton NMR Diffusion Spectroscopy. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 125-129. | 1.9 | 67 |
| 36 | Alterations of brain metabolites in metachromatic leukodystrophy as detected by localized proton magnetic resonance spectroscopy in vivo. <i>Journal of Neurology</i> , 1993, 241, 68-74. | 1.8 | 126 |

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|----|--|-----|-----------|
| 37 | Proton NMR Spectroscopy of Cerebral Metabolic Alterations in Infantile Peroxisomal Disorders. Journal of Computer Assisted Tomography, 1992, 16, 335-344. | 0.5 | 91 |
| 38 | Diffusion imaging of the human brain in vivo using high-speed STEAM MRI. Magnetic Resonance in Medicine, 1992, 23, 179-192. | 1.9 | 81 |
| 39 | Decrease of glucose in the human visual cortex during photic stimulation. Magnetic Resonance in Medicine, 1992, 25, 187-194. | 1.9 | 116 |
| 40 | Dynamic MR imaging of human brain oxygenation during rest and photic stimulation. Journal of Magnetic Resonance Imaging, 1992, 2, 501-505. | 1.9 | 348 |
| 41 | In-vivo monitoring of neuronal loss in Creutzfeldt-Jakob disease by proton magnetic resonance spectroscopy. Lancet, The, 1991, 337, 1610-1611. | 6.3 | 40 |
| 42 | Multiple sclerosis in childhood: Report of 15 cases. Brain and Development, 1991, 13, 410-416. | 0.6 | 94 |
| 43 | Localized Proton NMR Spectroscopy of Brain Tumors Using Short-Echo Time STEAM Sequences. Journal of Computer Assisted Tomography, 1991, 15, 915-922. | 0.5 | 111 |
| 44 | On the identification of cerebral metabolites in localized ^1H NMR spectra of human brain in vivo. NMR in Biomedicine, 1991, 4, 90-98. | 1.6 | 164 |
| 45 | On the N-acetyl methyl resonance in localized ^1H NMR spectra of human brain in vivo. NMR in Biomedicine, 1991, 4, 201-204. | 1.6 | 103 |
| 46 | Localized Proton NMR spectroscopy using stimulated echoes: Applications to human skeletal muscle in vivo. Magnetic Resonance in Medicine, 1991, 17, 82-94. | 1.9 | 71 |
| 47 | High-speed STEAM MRI of the human heart. Magnetic Resonance in Medicine, 1991, 22, 133-142. | 1.9 | 43 |
| 48 | High-resolution fast low-angle shot magnetic resonance imaging of the normal hand. Skeletal Radiology, 1991, 20, 259-265. | 1.2 | 18 |
| 49 | Non-invasive assessment of brain lesions by fast scan MRI and localized proton spectroscopy. , 1991, , 279-281. | | 0 |
| 50 | Advances in cardiac applications of subsecond flash MRI. Magnetic Resonance Imaging, 1990, 8, 829-836. | 1.0 | 30 |
| 51 | Signal strength in subsecond FLASH magnetic resonance imaging: The dynamic approach to steady state. Medical Physics, 1990, 17, 1004-1010. | 1.6 | 41 |
| 52 | MRI of "diffusion" in the human brain: New results using a modified CE-FAST sequence. Magnetic Resonance in Medicine, 1989, 9, 423-429. | 1.9 | 85 |
| 53 | The influence of flow and motion in MRI of diffusion using a modified CE-FAST sequence. Magnetic Resonance in Medicine, 1989, 12, 198-208. | 1.9 | 43 |