

Piotr Bogorodzki

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,227
citations

567144

15
h-index

414303

32
g-index

39
all docs

39
docs citations

39
times ranked

2284
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Cortical and limbic activation during viewing of high- versus low-calorie foods. <i>NeuroImage</i> , 2003, 19, 1381-1394. | 2.1 | 511 |
| 2 | Altered prefrontal and insular cortical thickness in adolescent marijuana users. <i>Behavioural Brain Research</i> , 2011, 220, 164-172. | 1.2 | 173 |
| 3 | Potential use of superparamagnetic iron oxide nanoparticles for in vitro and in vivo bioimaging of human myoblasts. <i>Scientific Reports</i> , 2018, 8, 3682. | 1.6 | 73 |
| 4 | Multi-parameter machine learning approach to the neuroanatomical basis of developmental dyslexia. <i>Human Brain Mapping</i> , 2017, 38, 900-908. | 1.9 | 44 |
| 5 | Volumes of brain structures in captive wild-type and laboratory rats: 7T magnetic resonance in vivo automatic atlas-based study. <i>PLoS ONE</i> , 2019, 14, e0215348. | 1.1 | 41 |
| 6 | The effect of motivation on working memory: An fMRI and SEM study. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 475-478. | 1.0 | 40 |
| 7 | Temporal Correlation Analysis of Penumbra Dynamics in Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 60-68. | 2.4 | 30 |
| 8 | Cortico-cerebellar abnormalities in adolescents with heavy marijuana use. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 224-232. | 0.9 | 30 |
| 9 | Mapping Cortical Thickness of the Patients with Unilateral End-Stage Open Angle Glaucoma on Planar Cerebral Cortex Maps. <i>PLoS ONE</i> , 2014, 9, e93682. | 1.1 | 30 |
| 10 | Changes in fMRI BOLD response to increasing and decreasing task difficulty during auditory perception of temporal order. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 382-391. | 1.0 | 27 |
| 11 | Omega-3 fatty acid supplementation may prevent loss of gray matter thickness in the left parieto-occipital cortex in first episode schizophrenia: A secondary outcome analysis of the OFFER randomized controlled study. <i>Schizophrenia Research</i> , 2018, 195, 168-175. | 1.1 | 27 |
| 12 | Conversion Discriminative Analysis on Mild Cognitive Impairment Using Multiple Cortical Features from MR Images. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 146. | 1.7 | 25 |
| 13 | Vascular Centerline Extraction in 3D MR Angiograms for Phase Contrast MRI Blood Flow Measurement. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2006, 1, 51-61. | 1.7 | 19 |
| 14 | Increases in Brain 1H-MR Glutamine and Glutamate Signals Following Acute Exhaustive Endurance Exercise in the Rat. <i>Frontiers in Physiology</i> , 2017, 8, 19. | 1.3 | 19 |
| 15 | Does Long-Term High Fat Diet Always Lead to Smaller Hippocampi Volumes, Metabolite Concentrations, and Worse Learning and Memory? A Magnetic Resonance and Behavioral Study in Wistar Rats. <i>PLoS ONE</i> , 2015, 10, e0139987. | 1.1 | 16 |
| 16 | Towards neural correlates of auditory stimulus processing: A simultaneous auditory evoked potentials and functional magnetic resonance study using an odd-ball paradigm. <i>Medical Science Monitor</i> , 2014, 20, 35-46. | 0.5 | 14 |
| 17 | Simultaneous estimation of population receptive field and hemodynamic parameters from single point BOLD responses using Metropolis-Hastings sampling. <i>NeuroImage</i> , 2018, 172, 175-193. | 2.1 | 12 |
| 18 | Anterograde Transport in Axons of the Retinal Ganglion Cells and its Relationship to the Intraocular Pressure during Aging in Mice with Hereditary Pigmentary Glaucoma. <i>Current Eye Research</i> , 2018, 43, 539-546. | 0.7 | 12 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Structural group classification technique based on regional fMRI BOLD responses. IEEE Transactions on Medical Imaging, 2005, 24, 389-398. | 5.4 | 11 |
| 20 | Dyslexia and age related effects in the neurometabolites concentration in the visual and temporo-parietal cortex. Scientific Reports, 2019, 9, 5096. | 1.6 | 11 |
| 21 | Changes of Ocular Dimensions as a Marker of Disease Progression in a Murine Model of Pigmentary Glaucoma. Frontiers in Pharmacology, 2020, 11, 573238. | 1.6 | 11 |
| 22 | The neural correlates of specific executive dysfunctions in Parkinson's disease. Acta Neurobiologiae Experimentalis, 2014, 74, 465-78. | 0.4 | 11 |
| 23 | Cine dyscontractility index: A novel marker of mechanical dyssynchrony that predicts response to cardiac resynchronization therapy. Journal of Magnetic Resonance Imaging, 2016, 44, 1483-1492. | 1.9 | 8 |
| 24 | Increased amygdala fMRI activation after secretin administration.. Experimental and Clinical Psychopharmacology, 2008, 16, 191-198. | 1.3 | 7 |
| 25 | Functional imaging with MR T1 contrast: a feasibility study with blood-pool contrast agent. European Radiology, 2009, 19, 898-903. | 2.3 | 5 |
| 26 | Comprehensive magnetic resonance characteristics of carbon-encapsulated iron nanoparticles: a new frontier for the core-shell type contrast agents. Journal of Nanoparticle Research, 2020, 22, 1. | 0.8 | 5 |
| 27 | Dealing with the Heterogeneous Multi-site Neuroimaging Data Sets: A Discrimination Study of Children Dyslexia. Lecture Notes in Computer Science, 2014, , 471-480. | 1.0 | 3 |
| 28 | <title>Coronary blood flow measurement from x-ray images: experiment performed on the artery model</title>., 2004, 5505, 157. | | 2 |
| 29 | A blood pool contrast aided T1 functional MRI in patients with brain tumors a preliminary study. Neuroradiology, 2011, 53, 523-531. | 1.1 | 2 |
| 30 | Hyperpolarized 13C tracers: Technical advancements and perspectives for clinical applications. Biocybernetics and Biomedical Engineering, 2021, 41, 1466-1485. | 3.3 | 2 |
| 31 | Molecular Imaging of Human Skeletal Myoblasts (huSKM) in Mouse Post-Infarction Myocardium. International Journal of Molecular Sciences, 2021, 22, 10885. | 1.8 | 2 |
| 32 | Vascular centerline extraction in 3D MR angiograms to optimize acquisition plane for blood flow measurement by phase contrast MRI. International Congress Series, 2005, 1281, 345-350. | 0.2 | 1 |
| 33 | Displacement field calculation from CINE MRI using non-rigid image registration. , 2015, , . | | 1 |
| 34 | Gabor-filter based longitudinal strain estimation from tagged magnetic resonance imaging. , 2015, , . | | 1 |
| 35 | <title>Optimal plane search method in blood flow measurements by magnetic resonance imaging</title>., 2004, , . | | 0 |
| 36 | Dynamic T1 functional MRI examinations with use of blood pool contrast agent an approach to optimization of the technique. Clinical Imaging, 2011, 35, 385-390. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Paroxysmal hemicrania or short-lasting unilateral neuralgiform headache attacks with trigeminal neuralgia – functional neuroimaging findings. Neurologia I Neurochirurgia Polska, 2022, , . | 0.6 | 0 |