

Piotr Bogorodzki

List of Publications by Year in descending order

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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	Paroxysmal hemicrania or short-lasting unilateral neuralgiform headache attacks with trigeminal neuralgia – functional neuroimaging findings. <i>Neurologia I Neurochirurgia Polska</i> , 2022, , .	0.6	0
2	Hyperpolarized 13C tracers: Technical advancements and perspectives for clinical applications. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1466-1485.	3.3	2
3	Molecular Imaging of Human Skeletal Myoblasts (huSKM) in Mouse Post-Infarction Myocardium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10885.	1.8	2
4	Changes of Ocular Dimensions as a Marker of Disease Progression in a Murine Model of Pigmentary Glaucoma. <i>Frontiers in Pharmacology</i> , 2020, 11, 573238.	1.6	11
5	Comprehensive magnetic resonance characteristics of carbon-encapsulated iron nanoparticles: a new frontier for the core-shell–type contrast agents. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	5
6	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
7	Dyslexia and age related effects in the neurometabolites concentration in the visual and temporo-parietal cortex. <i>Scientific Reports</i> , 2019, 9, 5096.	1.6	11
8	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
9	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
10	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
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	Multi-parameter machine learning approach to the neuroanatomical basis of developmental dyslexia. <i>Human Brain Mapping</i> , 2017, 38, 900-908.	1.9	44
13	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
14	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
15	Cine dyscontractility index: A novel marker of mechanical dyssynchrony that predicts response to cardiac resynchronization therapy. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1483-1492.	1.9	8
16	Displacement field calculation from CINE MRI using non-rigid image registration. , 2015, , .		1
17	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
18	Gabor-filter based longitudinal strain estimation from tagged magnetic resonance imaging. , 2015, , .		1

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19	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
20	Dealing with the Heterogeneous Multi-site Neuroimaging Data Sets: A Discrimination Study of Children Dyslexia. <i>Lecture Notes in Computer Science</i> , 2014, , 471-480.	1.0	3
21	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
22	The neural correlates of specific executive dysfunctions in Parkinson's disease. <i>Acta Neurobiologiae Experimentalis</i> , 2014, 74, 465-78.	0.4	11
23	Cortico-cerebellar abnormalities in adolescents with heavy marijuana use. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 224-232.	0.9	30
24	Altered prefrontal and insular cortical thickness in adolescent marijuana users. <i>Behavioural Brain Research</i> , 2011, 220, 164-172.	1.2	173
25	Dynamic T1 functional MRI examinations with use of blood pool contrast agent " an approach to optimization of the technique. <i>Clinical Imaging</i> , 2011, 35, 385-390.	0.8	0
26	A blood pool contrast aided T1 functional MRI in patients with brain tumors" a preliminary study. <i>Neuroradiology</i> , 2011, 53, 523-531.	1.1	2
27	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
28	Functional imaging with MR T1 contrast: a feasibility study with blood-pool contrast agent. <i>European Radiology</i> , 2009, 19, 898-903.	2.3	5
29	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
30	Increased amygdala fMRI activation after secretin administration.. <i>Experimental and Clinical Psychopharmacology</i> , 2008, 16, 191-198.	1.3	7
31	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
32	Structural group classification technique based on regional fMRI BOLD responses. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 389-398.	5.4	11
33	Vascular centerline extraction in 3D MR angiograms to optimize acquisition plane for blood flow measurement by phase contrast MRI. <i>International Congress Series</i> , 2005, 1281, 345-350.	0.2	1
34	<title>Optimal plane search method in blood flow measurements by magnetic resonance imaging</title>. , 2004, , .		0
35	<title>Coronary blood flow measurement from x-ray images: experiment performed on the artery model</title>. , 2004, 5505, 157.		2
36	Cortical and limbic activation during viewing of high- versus low-calorie foods. <i>NeuroImage</i> , 2003, 19, 1381-1394.	2.1	511

#	ARTICLE	IF	CITATIONS
37	Temporal Correlation Analysis of Penumbra Dynamics in Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 60-68.	2.4	30