

# Piotr Bogorodzki

## List of Publications by Year in descending order

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37  
papers

1,227  
citations

567281

15  
h-index

414414

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, , .	1.2	0
2	Hyperpolarized 13C tracers: Technical advancements and perspectives for clinical applications. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1466-1485.	5.9	2
3	Molecular Imaging of Human Skeletal Myoblasts (huSKM) in Mouse Post-Infarction Myocardium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10885.	4.1	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.	3.5	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.	1.9	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.	2.5	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.	3.3	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.	3.3	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.	4.2	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.	1.5	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.	2.0	27
12	Multi-parameter machine learning approach to the neuroanatomical basis of developmental dyslexia. <i>Human Brain Mapping</i> , 2017, 38, 900-908.	3.6	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.	2.8	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.	3.4	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.	3.4	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.	2.5	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. Medical Science Monitor, 2014, 20, 35-46.	1.1	14
20	Dealing with the Heterogeneous Multi-site Neuroimaging Data Sets: A Discrimination Study of Children Dyslexia. Lecture Notes in Computer Science, 2014, , 471-480.	1.3	3
21	Mapping Cortical Thickness of the Patients with Unilateral End-Stage Open Angle Glaucoma on Planar Cerebral Cortex Maps. PLoS ONE, 2014, 9, e93682.	2.5	30
22	The neural correlates of specific executive dysfunctions in Parkinson's disease. Acta Neurobiologiae Experimentalis, 2014, 74, 465-78.	0.7	11
23	Cortico-cerebellar abnormalities in adolescents with heavy marijuana use. Psychiatry Research - Neuroimaging, 2012, 202, 224-232.	1.8	30
24	Altered prefrontal and insular cortical thickness in adolescent marijuana users. Behavioural Brain Research, 2011, 220, 164-172.	2.2	173
25	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.	1.5	0
26	A blood pool contrast aided T1 functional MRI in patients with brain tumors"a preliminary study. Neuroradiology, 2011, 53, 523-531.	2.2	2
27	Changes in fMRI BOLD response to increasing and decreasing task difficulty during auditory perception of temporal order. Neurobiology of Learning and Memory, 2010, 94, 382-391.	1.9	27
28	Functional imaging with MR T1 contrast: a feasibility study with blood-pool contrast agent. European Radiology, 2009, 19, 898-903.	4.5	5
29	The effect of motivation on working memory: An fMRI and SEM study. Neurobiology of Learning and Memory, 2008, 90, 475-478.	1.9	40
30	Increased amygdala fMRI activation after secretin administration.. Experimental and Clinical Psychopharmacology, 2008, 16, 191-198.	1.8	7
31	Vascular Centerline Extraction in 3D MR Angiograms for Phase Contrast MRI Blood Flow Measurement. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 51-61.	2.8	19
32	Structural group classification technique based on regional fMRI BOLD responses. IEEE Transactions on Medical Imaging, 2005, 24, 389-398.	8.9	11
33	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
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. NeuroImage, 2003, 19, 1381-1394.	4.2	511

#	ARTICLE	IF	CITATIONS
37	Temporal Correlation Analysis of Penumbral Dynamics in Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 60-68.	4.3	30