

# Jason G Parker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2573463/publications.pdf>

Version: 2024-02-01

20  
papers

192  
citations

1307594

7  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

416  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced control of dorsolateral prefrontal cortex neurophysiology with real-time functional magnetic resonance imaging (rt-fMRI) neurofeedback training and working memory practice. <i>NeuroImage</i> , 2016, 124, 214-223.	4.2	78
2	Functional <sc>MRI</sc> mapping of visual function and selective attention for performance assessment and presurgical planning using conjunctive visual search. <i>Brain and Behavior</i> , 2014, 4, 227-237.	2.2	31
3	Respiratory motion correction in gated cardiac SPECT using quaternion-based, rigid-body registration. <i>Medical Physics</i> , 2009, 36, 4742-4754.	3.0	22
4	Diffusion MR Imaging in the Head and Neck. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 261-282.	1.0	19
5	Self-directed down-regulation of auditory cortex activity mediated by real-time fMRI neurofeedback augments attentional processes, resting cerebral perfusion, and auditory activation. <i>NeuroImage</i> , 2019, 195, 475-489.	4.2	11
6	Combining Real-Time fMRI Neurofeedback Training of the DLPFC with N-Back Practice Results in Neuroplastic Effects Confined to the Neurofeedback Target Region. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 138.	2.0	9
7	Single Session Low Frequency Left Dorsolateral Prefrontal Transcranial Magnetic Stimulation Changes Neurometabolite Relationships in Healthy Humans. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 77.	2.0	8
8	Volitional down-regulation of the primary auditory cortex via directed attention mediated by real-time fMRI neurofeedback. <i>AIMS Neuroscience</i> , 2018, 5, 179-199.	2.3	3
9	Wall Motion Estimation for Gated Cardiac Emission Tomography: Physical Phantom Evaluation. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 531-536.	2.0	2
10	Performance Evaluation of a Bedside Cardiac SPECT System. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 625-632.	2.0	2
11	Evaluation of a clinical fMRI cueing system utilizing complex scene and auditory stimuli for neurosurgical treatment planning of patients with cognitive and physical deficits. <i>International Journal of Neuroscience</i> , 2015, 125, 409-418.	1.6	2
12	A Protocol for the Administration of Real-Time fMRI Neurofeedback Training. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2
13	A Real-Time Functional Magnetic Resonance Imaging (fMRI) Neurofeedback System. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 341-348.	0.4	1
14	Benchmarking Medical Image Databases. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 240-243.	0.4	1
15	Effects of home-based leg heat therapy on walking performance in patients with symptomatic peripheral artery disease: a pilot randomized trial. <i>Journal of Applied Physiology</i> , 2022, 133, 546-560.	2.5	1
16	Wall Motion Estimation for Gated Cardiac Emission Tomography: Physical Phantom Evaluation. , 2006, , .		0
17	Automated and nonbiased regional quantification of functional neuroimaging data. <i>Medical Physics</i> , 2015, 42, 892-899.	3.0	0
18	Statistical multiscale mapping of IDH1, MGMT, and microvascular proliferation in human brain tumors from multiparametric MR and spatially-registered core biopsy. <i>Scientific Reports</i> , 2019, 9, 17112.	3.3	0

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19	Human cognitive performance. Sensing, assessment, and augmentation techniques. Journal Europeen Des Systemes Automatisés, 2014, 48, 397-420.	0.4	0
20	Home-Based Leg Heat Therapy Does Not Improve Vascular Function in Patients with Symptomatic Peripheral Artery Disease. FASEB Journal, 2022, 36, .	0.5	0