Vadim S Zotev

List of Publications by Year
in descending order

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50 papers	3,849 citations	172207 29 h-index	214527 47 g-index
53 all docs	53 docs citations	53 times ranked	3651 citing authors

#	Article	IF	Citations
1	Real-time fMRI neurofeedback amygdala training may influence kynurenine pathway metabolism in major depressive disorder. NeuroImage: Clinical, 2021, 29, 102559.	1.4	16
2	Hippocampal volume recovery with real-time functional MRI amygdala neurofeedback emotional training for posttraumatic stress disorder. Journal of Affective Disorders, 2021, 283, 229-235.	2.0	14
3	Machine Learning Evidence for Sex Differences Consistently Influences Resting-State fMRI Fluctuations Across Multiple Independently-Acquired Datasets. Brain Connectivity, 2021, , .	0.8	5
4	Automated pipeline for EEG artifact reduction (APPEAR) recorded during fMRI. Journal of Neural Engineering, 2021, 18, 0460b4.	1.8	13
5	Linking amygdala blood oxygenation-level-dependent (BOLD) activity and frontal EEG in depression. , 2021, , 301-310.		0
6	Canonical EEG microstates transitions reflect switching among BOLD resting state networks and predict fMRI signal. Journal of Neural Engineering, 2021, 18, 066051.	1.8	2
7	Selfâ€regulation of ventromedial prefrontal cortex activation using realâ€time fMRI neurofeedbackâ€”Influence of default mode network. Human Brain Mapping, 2020, 41, 342-352.	1.9	18
8	Effects of simultaneous real-time fMRI and EEG neurofeedback in major depressive disorder evaluated with brain electromagnetic tomography. NeuroImage: Clinical, 2020, 28, 102459.	1.4	21
9	Integration of Simultaneous Resting-State Electroencephalography, Functional Magnetic Resonance Imaging, and Eye-Tracker Methods to Determine and Verify Electroencephalography Vigilance Measure. Brain Connectivity, 2020, 10, 535-546.	0.8	5
10	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). Brain, 2020, 143, 1674-1685.	3.7	188
11	Emotion self-regulation training in major depressive disorder using simultaneous real-time fMRI and EEG neurofeedback. NeuroImage: Clinical, 2020, 27, 102331.	1.4	40
12	Brain activity mediators of PTSD symptom reduction during real-time fMRI amygdala neurofeedback emotional training. NeuroImage: Clinical, 2019, 24, 102047.	1.4	11
13	EEG Microstates Temporal Dynamics Differentiate Individuals with Mood and Anxiety Disorders From Healthy Subjects. Frontiers in Human Neuroscience, 2019, 13, 56.	1.0	54
14	Real-time fMRI neurofeedback training of the amygdala activity with simultaneous EEG in veterans with combat-related PTSD. NeuroImage: Clinical, 2018, 19, 106-121.	1.4	94
15	Amygdala realâ€time functional magnetic resonance imaging neurofeedback for major depressive disorder: A review. Psychiatry and Clinical Neurosciences, 2018, 72, 466-481.	1.0	60
16	Automatic cardiac cycle determination directly from EEG-fMRI data by multi-scale peak detection method. Journal of Neuroscience Methods, 2018, 304, 168-184.	1.3	9
17	Altered task-based and resting-state amygdala functional connectivity following real-time fMRI amygdala neurofeedback training in major depressive disorder. NeuroImage: Clinical, 2018, 17, 691-703.	1.4	97
18	Interoception and Mental Health: A Roadmap. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 501-513.	1.1	524

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19	Tracking resting state connectivity dynamics in veterans with PTSD. NeuroImage: Clinical, 2018, 19, 260-270.	1.4	33
20	Realâ€time fMRI neurofeedback of the mediodorsal and anterior thalamus enhances correlation between thalamic BOLD activity and alpha EEG rhythm. Human Brain Mapping, 2018, 39, 1024-1042.	1.9	36
21	Connectome-wide investigation of altered resting-state functional connectivity in war veterans with and without posttraumatic stress disorder. NeuroImage: Clinical, 2018, 17, 285-296.	1.4	45
22	POLARITY INVARIANT TRANSFORMATION FOR EEG MICROSTATES ANALYSIS. , 2018, , .		0
23	Real-time fMRI amygdala neurofeedback positive emotional training normalized resting-state functional connectivity in combat veterans with and without PTSD: a connectome-wide investigation. NeuroImage: Clinical, 2018, 20, 543-555.	1.4	50
24	Randomized Clinical Trial of Real-Time fMRI Amygdala Neurofeedback for Major Depressive Disorder: Effects on Symptoms and Autobiographical Memory Recall. American Journal of Psychiatry, 2017, 174, 748-755.	4.0	260
25	Real-Time Functional Magnetic Resonance Imaging Amygdala Neurofeedback Changes Positive Information Processing in Major Depressive Disorder. Biological Psychiatry, 2017, 82, 578-586.	0.7	92
26	Real-time EEG artifact correction during fMRI using ICA. Journal of Neuroscience Methods, 2016, 274, 27-37.	1.3	47
27	Automatic EEG-assisted retrospective motion correction for fMRI (aE-REMCOR). NeuroImage, 2016, 129, 133-147.	2.1	26
28	Correlation between amygdala BOLD activity and frontal EEG asymmetry during real-time fMRI neurofeedback training in patients with depression. NeuroImage: Clinical, 2016, 11, 224-238.	1.4	125
29	Reconstructing Large-Scale Brain Resting-State Networks from High-Resolution EEG: Spatial and Temporal Comparisons with fMRI. Brain Connectivity, 2016, 6, 122-135.	0.8	62
30	Contrast enhancement by combining T1- and T2-weighted structural brain MR Images. Magnetic Resonance in Medicine, 2015, 74, 1609-1620.	1.9	34
31	An automatic ICA-based method for removing artifacts from EEG data acquired during fMRI in real time. , 2015, , .		4
32	Real-time fMRI processing with physiological noise correction â€“ Comparison with off-line analysis. Journal of Neuroscience Methods, 2015, 256, 117-121.	1.3	27
33	Real-Time fMRI Neurofeedback Training of Amygdala Activity in Patients with Major Depressive Disorder. PLoS ONE, 2014, 9, e88785.	1.1	250
34	Resting-State Functional Connectivity Modulation and Sustained Changes After Real-Time Functional Magnetic Resonance Imaging Neurofeedback Training in Depression. Brain Connectivity, 2014, 4, 690-701.	0.8	122
35	Self-regulation of human brain activity using simultaneous real-time fMRI and EEG neurofeedback. NeuroImage, 2014, 85, 985-995.	2.1	184
36	Correlated slow fluctuations in respiration, EEG, and BOLD fMRI. NeuroImage, 2013, 79, 81-93.	2.1	101

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37	Prefrontal Control of the Amygdala during Real-Time fMRI Neurofeedback Training of Emotion Regulation. PLoS ONE, 2013, 8, e79184.	1.1	127
38	Spatiotemporal dynamics of the brain at rest â€" Exploring EEG microstates as electrophysiological signatures of BOLD resting state networks. NeuroImage, 2012, 60, 2062-2072.	2.1	271
39	EEG-assisted retrospective motion correction for fMRI: E-REMCOR. NeuroImage, 2012, 63, 698-712.	2.1	21
40	Self-Regulation of Amygdala Activation Using Real-Time fMRI Neurofeedback. PLoS ONE, 2011, 6, e24522.	1.1	274
41	Microtesla MRI with dynamic nuclear polarization. Journal of Magnetic Resonance, 2010, 207, 78-88.	1.2	39
42	Applications of Ultra-Low Field Magnetic Resonance for Imaging and Materials Studies. IEEE Transactions on Applied Superconductivity, 2009, 19, 835-838.	1.1	23
43	SQUID-Based Microtesla MRI for In Vivo Relaxometry of the Human Brain. IEEE Transactions on Applied Superconductivity, 2009, 19, 823-826.	1.1	50
44	Parallel MRI at microtesla fields. Journal of Magnetic Resonance, 2008, 192, 197-208.	1.2	65
45	Microtesla MRI of the human brain combined with MEG. Journal of Magnetic Resonance, 2008, 194, 115-120.	1.2	159
46	SQUID-based instrumentation for ultralow-field MRI. Superconductor Science and Technology, 2007, 20, S367-S373.	1.8	85
47	Toward SQUID-Based Direct Measurement of Neural Currents by Nuclear Magnetic Resonance. IEEE Transactions on Applied Superconductivity, 2007, 17, 854-857.	1.1	9
48	Multi-Channel SQUID System for MEG and Ultra-Low-Field MRI. IEEE Transactions on Applied Superconductivity, 2007, 17, 839-842.	1.1	45
49	Using ultra-low field nuclear magnetic resonance for direct neural current measurements. International Congress Series, 2007, 1300, 582-585.	0.2	2
50	Multi-sensor system for simultaneous ultra-low-field MRI and MEG. International Congress Series, 2007, 1300, 631-634.	0.2	2