

Yury Koush

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,110
citations

516710

16
h-index

477307

29
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34
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34
docs citations

34
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Human brain functional MRS reveals interplay of metabolites implicated in neurotransmission and neuroenergetics. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 911-934.	4.3	16
2	Real-time and Recursive Estimators for Functional MRI Quality Assessment. <i>Neuroinformatics</i> , 2022, 20, 897-917.	2.8	3
3	Predictors of real-time fMRI neurofeedback performance and improvement – A machine learning mega-analysis. <i>NeuroImage</i> , 2021, 237, 118207.	4.2	22
4	Metabolic underpinnings of activated and deactivated cortical areas in human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 986-1000.	4.3	16
5	Progressive modulation of resting-state brain activity during neurofeedback of positive-social emotion regulation networks. <i>Scientific Reports</i> , 2021, 11, 23363.	3.3	7
6	Network-based fMRI-neurofeedback training of sustained attention. <i>NeuroImage</i> , 2020, 221, 117194.	4.2	36
7	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020, 41, 3839-3854.	3.6	27
8	Detection of step displacements in fMRI head motion data based on machine learning. , 2020, , .		1
9	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , 2020, 143, 1674-1685.	7.6	188
10	Earliest amyloid and tau deposition modulate the influence of limbic networks during closed-loop hippocampal downregulation. <i>Brain</i> , 2020, 143, 976-992.	7.6	16
11	The role of the subgenual anterior cingulate cortex in dorsomedial prefrontal amygdala neural circuitry during positive-social emotion regulation. <i>Human Brain Mapping</i> , 2020, 41, 3100-3118.	3.6	43
12	Data-driven tensor independent component analysis for model-based connectivity neurofeedback. <i>NeuroImage</i> , 2019, 184, 214-226.	4.2	9
13	Functional MRS with J-edited lactate in human motor cortex at 4T. <i>NeuroImage</i> , 2019, 184, 101-108.	4.2	24
14	Brain networks for engaging oneself in positive-social emotion regulation. <i>NeuroImage</i> , 2019, 189, 106-115.	4.2	28
15	Volitional modulation of higher-order visual cortex alters human perception. <i>NeuroImage</i> , 2019, 188, 291-301.	4.2	2
16	Learning Control Over Emotion Networks Through Connectivity-Based Neurofeedback. <i>Cerebral Cortex</i> , 2017, 27, bhv311.	2.9	108
17	Continuous vs. intermittent neurofeedback to regulate auditory cortex activity of tinnitus patients using real-time fMRI - A pilot study. <i>NeuroImage: Clinical</i> , 2017, 14, 97-104.	2.7	62
18	OpenNFT: An open-source Python/Matlab framework for real-time fMRI neurofeedback training based on activity, connectivity and multivariate pattern analysis. <i>NeuroImage</i> , 2017, 156, 489-503.	4.2	57

#	ARTICLE	IF	CITATIONS
19	Real-time fMRI data for testing OpenNFT functionality. Data in Brief, 2017, 14, 344-347.	1.0	10
20	Maintenance of Voluntary Self-regulation Learned through Real-Time fMRI Neurofeedback. Frontiers in Human Neuroscience, 2017, 11, 131.	2.0	25
21	Targeting Treatment-Resistant Auditory Verbal Hallucinations in Schizophrenia with fMRI-Based Neurofeedback – Exploring Different Cases of Schizophrenia. Frontiers in Psychiatry, 2016, 7, 37.	2.6	30
22	Towards tailoring non-invasive brain stimulation using real-time fMRI and Bayesian optimization. , 2016, , .		9
23	Social reward improves the voluntary control over localized brain activity in fMRI-based neurofeedback training. Frontiers in Behavioral Neuroscience, 2015, 9, 136.	2.0	42
24	Auditory mismatch impairments are characterized by core neural dysfunctions in schizophrenia. Brain, 2015, 138, 1410-1423.	7.6	58
25	Comparison of Real-Time Water Proton Spectroscopy and Echo-Planar Imaging Sensitivity to the BOLD Effect at 3 T and at 7 T. PLoS ONE, 2014, 9, e91620.	2.5	7
26	Real-time automated spectral assessment of the BOLD response for neurofeedback at 3 and 7T. Journal of Neuroscience Methods, 2013, 218, 148-160.	2.5	13
27	Connectivity-based neurofeedback: Dynamic causal modeling for real-time fMRI. NeuroImage, 2013, 81, 422-430.	4.2	135
28	Signal quality and Bayesian signal processing in neurofeedback based on real-time fMRI. NeuroImage, 2012, 59, 478-489.	4.2	50
29	Single Voxel Proton Spectroscopy for Neurofeedback at 7 Tesla. Materials, 2011, 4, 1548-1563.	2.9	10
30	Social reinforcement can regulate localized brain activity. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 132-136.	3.2	44