Yury Koush

List of Publications by Year
in descending order

30	1,110	516710 16	477307 29
papers	citations	h-index	g-index

34	34	34	1351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). Brain, 2020, 143, 1674-1685.	7.6	188
2	Connectivity-based neurofeedback: Dynamic causal modeling for real-time fMRI. NeuroImage, 2013, 81, 422-430.	4.2	135
3	Learning Control Over Emotion Networks Through Connectivity-Based Neurofeedback. Cerebral Cortex, 2017, 27, bhv311.	2.9	108
4	Continuous vs. intermittent neurofeedback to regulate auditory cortex activity of tinnitus patients using real-time fMRI - A pilot study. NeuroImage: Clinical, 2017, 14, 97-104.	2.7	62
5	Auditory mismatch impairments are characterized by core neural dysfunctions in schizophrenia. Brain, 2015, 138, 1410-1423.	7.6	58
6	OpenNFT: An open-source Python/Matlab framework for real-time fMRI neurofeedback training based on activity, connectivity and multivariate pattern analysis. NeuroImage, 2017, 156, 489-503.	4.2	57
7	Signal quality and Bayesian signal processing in neurofeedback based on real-time fMRI. NeuroImage, 2012, 59, 478-489.	4.2	50
8	Social reinforcement can regulate localized brain activity. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 132-136.	3.2	44
9	The role of the subgenual anterior cingulate cortex in dorsomedial prefrontalâ€“amygdala neural circuitry during positiveâ€social emotion regulation. Human Brain Mapping, 2020, 41, 3100-3118.	3.6	43
10	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
11	Network-based fMRI-neurofeedback training of sustained attention. NeuroImage, 2020, 221, 117194.	4.2	36
12	Targeting Treatment-Resistant Auditory Verbal Hallucinations in Schizophrenia with fMRI-Based Neurofeedback â€“ Exploring Different Cases of Schizophrenia. Frontiers in Psychiatry, 2016, 7, 37.	2.6	30
13	Brain networks for engaging oneself in positive-social emotion regulation. NeuroImage, 2019, 189, 106-115.	4.2	28
14	Can we predict realâ€time <scp>fMRI</scp> neurofeedback learning success from pretraining brain activity?. Human Brain Mapping, 2020, 41, 3839-3854.	3.6	27
15	Maintenance of Voluntary Self-regulation Learned through Real-Time fMRI Neurofeedback. Frontiers in Human Neuroscience, 2017, 11, 131.	2.0	25
16	Functional MRS with J-edited lactate in human motor cortex at 4â€T. NeuroImage, 2019, 184, 101-108.	4.2	24
17	Predictors of real-time fMRI neurofeedback performance and improvement â€“ A machine learning mega-analysis. NeuroImage, 2021, 237, 118207.	4.2	22
18	Earliest amyloid and tau deposition modulate the influence of limbic networks during closed-loop hippocampal downregulation. Brain, 2020, 143, 976-992.	7.6	16

#	Article	IF	Citations
19	Metabolic underpinnings of activated and deactivated cortical areas in human brain. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 986-1000.	4.3	16
20	Human brain functional MRS reveals interplay of metabolites implicated in neurotransmission and neuroenergetics. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 911-934.	4.3	16
21	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
22	Single Voxel Proton Spectroscopy for Neurofeedback at 7 Tesla. Materials, 2011, 4, 1548-1563.	2.9	10
23	Real-time fMRI data for testing OpenNFT functionality. Data in Brief, 2017, 14, 344-347.	1.0	10
24	Towards tailoring non-invasive brain stimulation using real-time fMRI and Bayesian optimization. , 2016, , .		9
25	Data-driven tensor independent component analysis for model-based connectivity neurofeedback. NeuroImage, 2019, 184, 214-226.	4.2	9
26	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
27	Progressive modulation of resting-state brain activity during neurofeedback of positive-social emotion regulation networks. Scientific Reports, 2021, 11, 23363.	3.3	7
28	Real-time and Recursive Estimators for Functional MRI Quality Assessment. Neuroinformatics, 2022, 20, 897-917.	2.8	3
29	Volitional modulation of higher-order visual cortex alters human perception. NeuroImage, 2019, 188, 291-301.	4.2	2
30	Detection of step displacements in fMRI head motion data based on machine learning. , 2020, , .		1