Okito Yamashita

List of Publications by Year
in descending order

50	2,074	394421	254184
papers	citations	19 h-index	43 g-index

52	52	52	2247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visual Image Reconstruction from Human Brain Activity using a Combination of Multiscale Local Image Decoders. Neuron, 2008, 60, 915-929.	8.1	433
2	Sparse estimation automatically selects voxels relevant for the decoding of fMRI activity patterns. NeuroImage, 2008, 42, 1414-1429.	4.2	314
3	A solution to the dynamical inverse problem of EEG generation using spatiotemporal Kalman filtering. NeuroImage, 2004, 23, 435-453.	4.2	139
4	Regulation of Motor Representation by Phaseâ€“Amplitude Coupling in the Sensorimotor Cortex. Journal of Neuroscience, 2012, 32, 15467-15475.	3.6	133
5	Harmonization of resting-state functional MRI data across multiple imaging sites via the separation of site differences into sampling bias and measurement bias. PLoS Biology, 2019, 17, e3000042.	5.6	127
6	Reduction of global interference of scalp-hemodynamics in functional near-infrared spectroscopy using short distance probes. NeuroImage, 2016, 141, 120-132.	4.2	123
7	Evaluation of hierarchical Bayesian method through retinotopic brain activities reconstruction from fMRI and MEG signals. NeuroImage, 2008, 42, 1397-1413.	4.2	73
8	Recursive penalized least squares solution for dynamical inverse problems of EEG generation. Human Brain Mapping, 2004, 21, 221-235.	3.6	68
9	Generalizable brain network markers of major depressive disorder across multiple imaging sites. PLoS Biology, 2020, 18, e3000966.	5.6	54
10	MEG source reconstruction based on identification of directed source interactions on whole-brain anatomical networks. NeuroImage, 2015, 105, 408-427.	4.2	52
11	A multi-site, multi-disorder resting-state magnetic resonance image database. Scientific Data, 2021, 8, 227.	5.3	48
12	Comparison of travelingâ€subject and <scp>ComBat</scp> harmonization methods for assessing structural brain characteristics. Human Brain Mapping, 2021, 42, 5278-5287.	3.6	47
13	Modelling non-stationary variance in EEG time series by state space GARCH model. Computers in Biology and Medicine, 2006, 36, 1327-1335.	7.0	42
14	Hierarchical Bayesian estimation improves depth accuracy and spatial resolution of diffuse optical tomography. Optics Express, 2012, 20, 20427.	3.4	42
15	Brain/MINDS beyond human brain MRI project: A protocol for multi-level harmonization across brain disorders throughout the lifespan. NeuroImage: Clinical, 2021, 30, 102600.	2.7	34
16	Evaluating frequency-wise directed connectivity of BOLD signals applying relative power contribution with the linear multivariate time-series models. NeuroImage, 2005, 25, 478-490.	4.2	28
17	A State-Space Modeling Approach for Localization of Focal Current Sources From MEG. IEEE Transactions on Biomedical Engineering, 2012, 59, 1561-1571.	4.2	26
18	GARCH modelling of covariance in dynamical estimation of inverse solutions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 261-268.	2.1	23

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19	Multi-subject and multi-task experimental validation of the hierarchical Bayesian diffuse optical tomography algorithm. NeuroImage, 2016, 135, 287-299.	4.2	21
20	Information spreading by a combination of MEG source estimation and multivariate pattern classification. PLoS ONE, 2018, 13, e0198806.	2.5	21
21	Extended hierarchical Bayesian diffuse optical tomography for removing scalp artifact. Biomedical Optics Express, 2013, 4, 2411.	2.9	20
22	Whitening as a Tool for Estimating Mutual Information in Spatiotemporal Data Sets. Journal of Statistical Physics, 2006, 124, 1275-1315.	1.2	18
23	Dynamic Information Flow Based on EEG and Diffusion MRI in Stroke: A Proof-of-Principle Study. Frontiers in Neural Circuits, 2018, 12, 79.	2.8	16
24	Expansion coding and computation in the cerebellum: 50 years after the Marrâ€“Albus codon theory. Journal of Physiology, 2020, 598, 913-928.	2.9	16
25	BCI training to move a virtual hand reduces phantom limb pain. Neurology, 2020, 95, e417-e426.	1.1	16
26	Evaluation of Resting Spatio-Temporal Dynamics of a Neural Mass Model Using Resting fMRI Connectivity and EEG Microstates. Frontiers in Computational Neuroscience, 2019, 13, 91.	2.1	15
27	Estimating repetitive spatiotemporal patterns from resting-state brain activity data. NeuroImage, 2016, 133, 251-265.	4.2	13
28	MEG Source Imaging and Group Analysis Using VBMEG. Frontiers in Neuroscience, 2019, 13, 241.	2.8	13
29	Multiple clustering for identifying subject clusters and brain sub-networks using functional connectivity matrices without vectorization. Neural Networks, 2021, 142, 269-287.	5.9	13
30	Anodal transcranial direct current stimulation of the right anterior temporal lobe did not significantly affect verbal insight. PLoS ONE, 2017, 12, e0184749.	2.5	12
31	A hierarchical Bayesian method to resolve an inverse problem of MEG contaminated with eye movement artifacts. NeuroImage, 2009, 45, 393-409.	4.2	11
32	Diffuse optical tomography using multi-directional sources and detectors. Biomedical Optics Express, 2016, 7, 2623.	2.9	11
33	Resting-State Functional Connectivity Estimated With Hierarchical Bayesian Diffuse Optical Tomography. Frontiers in Neuroscience, 2020, 14, 32.	2.8	11
34	Characterizing Variability of Modular Brain Connectivity with Constrained Principal Component Analysis. PLoS ONE, 2016, 11, e0168180.	2.5	6
35	MEG current source reconstruction using a meta-analysis fMRI prior. NeuroImage, 2021, 236, 118034.	4.2	6
36	Visual image reconstruction from human brain activity: A modular decoding approach. Journal of Physics: Conference Series, 2009, 197, 012021.	0.4	5

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37	Whole-brain propagating patterns in human resting-state brain activities. NeuroImage, 2021, 245, 118711.	4.2	5
38	Estimating repetitive spatiotemporal patterns from many subjectsâ€™ resting-state fMRIs. NeuroImage, 2019, 203, 116182.	4.2	4
39	Development of multi-directional functional near-infrared spectroscopy system for human neuroimaging studies. Biomedical Optics Express, 2019, 10, 1393.	2.9	4
40	Common Brain Networks Between Major Depressive-Disorder Diagnosis and Symptoms of Depression That Are Validated for Independent Cohorts. Frontiers in Psychiatry, 2021, 12, 667881.	2.6	3
41	Clustering of Multiple Psychiatric Disorders Using Functional Connectivity in the Data-Driven Brain Subnetwork. Frontiers in Psychiatry, 2021, 12, 683280.	2.6	3
42	Segmental Bayesian estimation of gap-junctional and inhibitory conductance of inferior olive neurons from spike trains with complicated dynamics. Frontiers in Computational Neuroscience, 2015, 9, 56.	2.1	2
43	OUP accepted manuscript. Cerebral Cortex Communications, 2022, 3, tgab064.	1.6	2
44	Mechanistic analysis of motor cortex stimulation for phantom limb pain . Pain Research, 2008, 23, 27-34.	0.1	1
45	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
46	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
47	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
48	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
49	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0
50	Generalizable brain network markers of major depressive disorder across multiple imaging sites. , 2020, 18, e3000966.		0