

Stefan FrÃssle

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,657
citations

516710

16
h-index

526287

27
g-index

40
all docs

40
docs citations

40
times ranked

1725
citing authors

#	ARTICLE	IF	CITATIONS
1	An introduction to thermodynamic integration and application to dynamic causal models. <i>Cognitive Neurodynamics</i> , 2022, 16, 1-15.	4.0	4
2	Test-retest reliability of regression dynamic causal modeling. <i>Network Neuroscience</i> , 2022, 6, 135-160.	2.6	7
3	Whole-brain estimates of directed connectivity for human connectomics. <i>NeuroImage</i> , 2021, 225, 117491.	4.2	20
4	Hemodynamic modeling of long-term aspirin effects on blood oxygenated level dependent responses at 7 Tesla in patients at cardiovascular risk. <i>European Journal of Neuroscience</i> , 2021, 53, 1262-1278.	2.6	0
5	Regression dynamic causal modeling for resting-state fMRI. <i>Human Brain Mapping</i> , 2021, 42, 2159-2180.	3.6	52
6	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. <i>Frontiers in Psychiatry</i> , 2021, 12, 680811.	2.6	69
7	Model-based prediction of muscarinic receptor function from auditory mismatch negativity responses. <i>NeuroImage</i> , 2021, 237, 118096.	4.2	13
8	Technical note: A fast and robust integrator of delay differential equations in DCM for electrophysiological data. <i>NeuroImage</i> , 2021, 244, 118567.	4.2	4
9	Interoception of breathing and its relationship with anxiety. <i>Neuron</i> , 2021, 109, 4080-4093.e8.	8.1	48
10	Conductance-based dynamic causal modeling: A mathematical review of its application to cross-power spectral densities. <i>NeuroImage</i> , 2021, 245, 118662.	4.2	10
11	Optogenetic activation of striatal D1R and D2R cells differentially engages downstream connected areas beyond the basal ganglia. <i>Cell Reports</i> , 2021, 37, 110161.	6.4	15
12	Predicting individual clinical trajectories of depression with generative embedding. <i>NeuroImage: Clinical</i> , 2020, 26, 102213.	2.7	33
13	Convergence of cortical types and functional motifs in the human mesiotemporal lobe. <i>ELife</i> , 2020, 9, .	6.0	46
14	Generative models for clinical applications in computational psychiatry. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2018, 9, e1460.	2.8	34
15	A generative model of whole-brain effective connectivity. <i>NeuroImage</i> , 2018, 179, 505-529.	4.2	83
16	Variational Bayesian inversion for hierarchical unsupervised generative embedding (HUGE). <i>NeuroImage</i> , 2018, 179, 604-619.	4.2	12
17	Regression DCM for fMRI. <i>NeuroImage</i> , 2017, 155, 406-421.	4.2	124
18	Comparison of fMRI paradigms assessing visuospatial processing: Robustness and reproducibility. <i>PLoS ONE</i> , 2017, 12, e0186344.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Test-retest reliability of effective connectivity in the face perception network. <i>Human Brain Mapping</i> , 2016, 37, 730-744.	3.6	36
20	Future directions for identifying the neural correlates of consciousness. <i>Nature Reviews Neuroscience</i> , 2016, 17, 666-666.	10.2	17
21	Handedness is related to neural mechanisms underlying hemispheric lateralization of face processing. <i>Scientific Reports</i> , 2016, 6, 27153.	3.3	30
22	Mechanisms of hemispheric lateralization: Asymmetric interhemispheric recruitment in the face perception network. <i>NeuroImage</i> , 2016, 124, 977-988.	4.2	70
23	No-Report and Report-Based Paradigms Jointly Unravel the NCC: Response to Overgaard and Fazekas. <i>Trends in Cognitive Sciences</i> , 2016, 20, 242-243.	7.8	18
24	Evidence from pupillometry and fMRI indicates reduced neural response during vicarious social pain but not physical pain in autism. <i>Human Brain Mapping</i> , 2015, 36, 4730-4744.	3.6	75
25	Test-retest reliability of dynamic causal modeling for fMRI. <i>NeuroImage</i> , 2015, 117, 56-66.	4.2	46
26	No-Report Paradigms: Extracting the True Neural Correlates of Consciousness. <i>Trends in Cognitive Sciences</i> , 2015, 19, 757-770.	7.8	338
27	Binocular Rivalry: Frontal Activity Relates to Introspection and Action But Not to Perception. <i>Journal of Neuroscience</i> , 2014, 34, 1738-1747.	3.6	284
28	Perceptual Rivalry: Reflexes Reveal the Gradual Nature of Visual Awareness. <i>PLoS ONE</i> , 2011, 6, e20910.	2.5	135
29	Optogenetic Activation of Striatal D1/D2 Medium Spiny Neurons Differentially Engages Downstream Connected Areas Beyond the Basal Ganglia. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0