Stefan FrÃ¤ssle

List of Publications by Year
in descending order

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	No-Report Paradigms: Extracting the True Neural Correlates of Consciousness. Trends in Cognitive Sciences, 2015, 19, 757-770.	7.8	338
2	Binocular Rivalry: Frontal Activity Relates to Introspection and Action But Not to Perception. Journal of Neuroscience, 2014, 34, 1738-1747.	3.6	284
3	Perceptual Rivalry: Reflexes Reveal the Gradual Nature of Visual Awareness. PLoS ONE, 2011, 6, e20910.	2.5	135
4	Regression DCM for fMRI. NeuroImage, 2017, 155, 406-421.	4.2	124
5	A generative model of whole-brain effective connectivity. NeuroImage, 2018, 179, 505-529.	4.2	83
6	Evidence from pupillometry and fMRI indicates reduced neural response during vicarious social pain but not physical pain in autism. Human Brain Mapping, 2015, 36, 4730-4744.	3.6	75
7	Mechanisms of hemispheric lateralization: Asymmetric interhemispheric recruitment in the face perception network. NeuroImage, 2016, 124, 977-988.	4.2	70
8	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. Frontiers in Psychiatry, 2021, 12, 680811.	2.6	69
9	Regression dynamic causal modeling for resting€state fMRI. Human Brain Mapping, 2021, 42, 2159-2180.	3.6	52
10	Interoception of breathing and its relationship with anxiety. Neuron, 2021, 109, 4080-4093.e8.	8.1	48
11	Test-retest reliability of dynamic causal modeling for fMRI. NeuroImage, 2015, 117, 56-66.	4.2	46
12	Convergence of cortical types and functional motifs in the human mesiotemporal lobe. ELife, 2020, 9, .	6.0	46
13	Test€retest reliability of effective connectivity in the face perception network. Human Brain Mapping, 2016, 37, 730-744.	3.6	36
14	Generative models for clinical applications in computational psychiatry. Wiley Interdisciplinary Reviews: Cognitive Science, 2018, 9, e1460.	2.8	34
15	Predicting individual clinical trajectories of depression with generative embedding. NeuroImage: Clinical, 2020, 26, 102213.	2.7	33
16	Handedness is related to neural mechanisms underlying hemispheric lateralization of face processing. Scientific Reports, 2016, 6, 27153.	3.3	30
17	Whole-brain estimates of directed connectivity for human connectomics. NeuroImage, 2021, 225, 117491.	4.2	20
18	No-Report and Report-Based Paradigms Jointly Unravel the NCC: Response to Overgaard and Fazekas. Trends in Cognitive Sciences, 2016, 20, 242-243.	7.8	18

#	ARTICLE	IF	CITATIONS
19	Future directions for identifying the neural correlates of consciousness. Nature Reviews Neuroscience, 2016, 17, 666-666.	10.2	17
20	Optogenetic activation of striatal D1R and D2R cells differentially engages downstream connected areas beyond the basal ganglia. Cell Reports, 2021, 37, 110161.	6.4	15
21	Model-based prediction of muscarinic receptor function from auditory mismatch negativity responses. NeuroImage, 2021, 237, 118096.	4.2	13
22	Variational Bayesian inversion for hierarchical unsupervised generative embedding (HUGE). NeuroImage, 2018, 179, 604-619.	4.2	12
23	Conductance-based dynamic causal modeling: A mathematical review of its application to cross-power spectral densities. NeuroImage, 2021, 245, 118662.	4.2	10
24	Comparison of fMRI paradigms assessing visuospatial processing: Robustness and reproducibility. PLoS ONE, 2017, 12, e0186344.	2.5	8
25	Test-retest reliability of regression dynamic causal modeling. Network Neuroscience, 2022, 6, 135-160.	2.6	7
26	An introduction to thermodynamic integration and application to dynamic causal models. Cognitive Neurodynamics, 2022, 16, 1-15.	4.0	4
27	Technical note: A fast and robust integrator of delay differential equations in DCM for electrophysiological data. NeuroImage, 2021, 244, 118567.	4.2	4
28	Hemodynamic modeling of long‐term aspirin effects on blood oxygenated level dependent responses at 7 Tesla in patients at cardiovascular risk. European Journal of Neuroscience, 2021, 53, 1262-1278.	2.6	0
29	Optogenetic Activation of Striatal D1/D2 Medium Spiny Neurons Differentially Engages Downstream Connected Areas Beyond the Basal Ganglia. SSRN Electronic Journal, 0, , .	0.4	0