Stephan Geuter

List of Publications by Year
in descending order

69	8,332	109264 35	95218 68
papers	citations	h-index	g-index

75	75	75	9896
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Associations between neighborhood socioeconomic status, parental education, and executive system activation in youth. Cerebral Cortex, 2023, 33, 1058-1073.	1.6	10
2	Effect of Pain Reprocessing Therapy vs Placebo and Usual Care for Patients With Chronic Back Pain. JAMA Psychiatry, 2022, 79, 13.	6.0	85
3	Relationship Between TSH Levels and Cognition in the Young Adult: An Analysis of the Human Connectome Project Data. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1897-1905.	1.8	1
4	A multistudy analysis reveals that evoked pain intensity representation is distributed across brain systems. PLoS Biology, 2022, 20, e3001620.	2.6	11
5	Individual variability in brain representations of pain. Nature Neuroscience, 2022, 25, 749-759.	7.1	20
6	A functional mixed model for scalar on function regression with application to a functional MRI study. Biostatistics, 2021, 22, 439-454.	0.9	2
7	Children with attention-deficit/hyperactivity disorder spend more time in hyperconnected network states and less time in segregated network states as revealed by dynamic connectivity analysis. NeuroImage, 2021, 229, 117753.	2.1	35
8	Single-index models with functional connectivity network predictors. Biostatistics, 2021, , .	0.9	3
9	Using Network Parcels and Resting-State Networks to Estimate Correlates of Mood Disorder and Related Research Domain Criteria Constructs of Reward Responsiveness and Inhibitory Control. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, , .	1.1	2
10	Increased integration between default mode and task-relevant networks in children with ADHD is associated with impaired response control. Developmental Cognitive Neuroscience, 2021, 50, 100980.	1.9	16
11	Moderated t-tests for group-level fMRI analysis. NeuroImage, 2021, 237, 118141.	2.1	8
12	Detecting Task-Dependent Functional Connectivity in Group Iterative Multiple Model Estimation with Person-Specific Hemodynamic Response Functions. Brain Connectivity, 2021, 11, 418-429.	0.8	10
13	Identification of the Somatomotor Network from Language Taskâ€“based fMRI Compared with Resting-State fMRI in Patients with Brain Lesions. Radiology, 2021, 301, 178-184.	3.6	7
14	Phase-locking of resting-state brain networks with the gastric basal electrical rhythm. PLoS ONE, 2021, 16, e0244756.	1.1	14
15	Sparse principal component based high-dimensional mediation analysis. Computational Statistics and Data Analysis, 2020, 142, 106835.	0.7	30
16	Multiple Brain Networks Mediating Stimulusâ€“Pain Relationships in Humans. Cerebral Cortex, 2020, 30, 4204-4219.	1.6	46
17	Modular preprocessing pipelines can reintroduce artifacts into fMRI data. Human Brain Mapping, 2019, 40, 2358-2376.	1.9	159
18	Improved state change estimation in dynamic functional connectivity using hidden semi-Markov models. NeuroImage, 2019, 191, 243-257.	2.1	46

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19	Brain mechanisms of social touch-induced analgesia in females. Pain, 2019, 160, 2072-2085.	2.0	67
20	High-dimensional multivariate mediation with application to neuroimaging data. Biostatistics, 2018, 19, 121-136.	0.9	76
21	Improved estimation of subject-level functional connectivity using full and partial correlation with empirical Bayes shrinkage. NeuroImage, 2018, 172, 478-491.	2.1	31
22	Mechanisms of placebo analgesia: A dual-process model informed by insights from cross-species comparisons. Progress in Neurobiology, 2018, 160, 101-122.	2.8	41
23	Connectivity in fMRI: Blind Spots and Breakthroughs. IEEE Transactions on Medical Imaging, 2018, 37, 1537-1550.	5.4	29
24	Group-regularized individual prediction: theory and application to pain. NeuroImage, 2017, 145, 274-287.	2.1	59
25	Building better biomarkers: brain models in translational neuroimaging. Nature Neuroscience, 2017, 20, 365-377.	7.1	764
26	Quantifying cerebral contributions to pain beyond nociception. Nature Communications, 2017, 8, 14211.	5.8	144
27	The Cognitive Neuroscience of Placebo Effects: Concepts, Predictions, and Physiology. Annual Review of Neuroscience, 2017, 40, 167-188.	5.0	108
28	Response variability of different anodal transcranial direct current stimulation intensities across multiple sessions. Brain Stimulation, 2017, 10, 757-763.	0.7	91
29	Interactions between brain and spinal cord mediate value effects in nocebo hyperalgesia. Science, 2017, 358, 105-108.	6.0	148
30	Whatâ€™s in a word? How instructions, suggestions, and social information change pain and emotion. Neuroscience and Biobehavioral Reviews, 2017, 81, 29-42.	2.9	109
31	Functional dissociation of stimulus intensity encoding and predictive coding of pain in the insula. ELife, 2017, 6, .	2.8	137
32	Comparing Painful Stimulation vs Rest in Studies of Pain. JAMA Neurology, 2016, 73, 1258.	4.5	3
33	Disentangling opposing effects of motivational states on pain perception. Pain Reports, 2016, 1, e574.	1.4	5
34	Generalizability of Neuroimaging Studies in 5 Common Psychiatric Disorders Based on the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC). Journal of Clinical Psychiatry, 2016, 77, e1618-e1625.	1.1	8
35	Explicit knowledge enhances motor vigor and performance: motivation versus practice in sequence tasks. Journal of Neurophysiology, 2015, 114, 219-232.	0.9	57
36	Reproducibility and Temporal Structure in Weekly Resting-State fMRI over a Period of 3.5 Years. PLoS ONE, 2015, 10, e0140134.	1.1	97

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37	Resting brain activity in disorders of consciousness. Neurology, 2015, 84, 1272-1280.	1.5	136
38	Health Effects of Lesion Localization in Multiple Sclerosis: Spatial Registration and Confounding Adjustment. PLoS ONE, 2014, 9, e107263.	1.1	19
39	Parametric trial-by-trial prediction of pain by easily available physiological measures. Pain, 2014, 155, 994-1001.	2.0	53
40	Expectation requires treatment to boost pain relief: An fMRI study. Pain, 2014, 155, 150-157.	2.0	67
41	Placebo Analgesia: A Predictive Coding Perspective. Neuron, 2014, 81, 1223-1239.	3.8	344
42	Brain mediators of the effects of noxious heat on pain. Pain, 2014, 155, 1632-1648.	2.0	101
43	Facilitation of Pain in the Human Spinal Cord by Nocebo Treatment. Journal of Neuroscience, 2013, 33, 13784-13790.	1.7	109
44	Ironing out the statistical wrinkles in â€œten ironic rulesâ€• NeuroImage, 2013, 81, 499-502.	2.1	51
45	Cloak and DAG: A response to the comments on our comment. NeuroImage, 2013, 76, 446-449.	2.1	8
46	Cortical and subcortical responses to high and low effective placebo treatments. NeuroImage, 2013, 67, 227-236.	2.1	109
47	An fMRI-Based Neurologic Signature of Physical Pain. New England Journal of Medicine, 2013, 368, 1388-1397.	13.9	1,294
48	Functional Causal Mediation Analysis With anÂApplication to Brain Connectivity. Journal of the American Statistical Association, 2012, 107, 1297-1309.	1.8	70
49	Dissociable Influences of Opiates and Expectations on Pain. Journal of Neuroscience, 2012, 32, 8053-8064.	1.7	146
50	Estimating and testing variance components in a multi-level GLM. NeuroImage, 2012, 59, 490-501.	2.1	39
51	Dynamic connectivity regression: Determining state-related changes in brain connectivity. NeuroImage, 2012, 61, 907-920.	2.1	238
52	Graphical models, potential outcomes and causal inference: Comment on Ramsey, Spirtes and Glymour. NeuroImage, 2011, 57, 334-336.	2.1	16
53	Overt Visual Attention as a Causal Factor of Perceptual Awareness. PLoS ONE, 2011, 6, e22614.	1.1	34
54	The benefits of rapid 3D fMRI. International Journal of Imaging Systems and Technology, 2010, 20, 14-22.	2.7	2

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55	Everything You Never Wanted to Know about Circular Analysis, but Were Afraid to Ask. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1551-1557.	2.4	190
56	Brain Mediators of Predictive Cue Effects on Perceived Pain. Journal of Neuroscience, 2010, 30, 12964-12977.	1.7	355
57	Adaptive spatial smoothing of fMRI images. Statistics and Its Interface, 2010, 3, 3-13.	0.2	50
58	Correlations and Multiple Comparisons in Functional Imaging: A Statistical Perspective (Commentary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.2	41
59	Logistic Regression With Brownian-Like Predictors. Journal of the American Statistical Association, 2009, 104, 1575-1585.	1.8	63
60	Modeling the hemodynamic response function in fMRI: Efficiency, bias and mis-modeling. NeuroImage, 2009, 45, S187-S198.	2.1	435
61	Rapid three-dimensional functional magnetic resonance imaging of the initial negative BOLD response. Journal of Magnetic Resonance, 2008, 191, 100-111.	1.2	22
62	Spatial smoothing in fMRI using prolate spheroidal wave functions. Human Brain Mapping, 2008, 29, 1276-1287.	1.9	26
63	Prefrontal-Subcortical Pathways Mediating Successful Emotion Regulation. Neuron, 2008, 59, 1037-1050.	3.8	1,471
64	Fast functional magnetic resonance imagingâ€"a new approach towards neuroimaging. Statistics and Its Interface, 2008, 1, 13-21.	0.2	2
65	Modeling state-related fMRI activity using change-point theory. NeuroImage, 2007, 35, 1125-1141.	2.1	88
66	Validity and power in hemodynamic response modeling: A comparison study and a new approach. Human Brain Mapping, 2007, 28, 764-784.	1.9	187
67	A generalization of the two-dimensional prolate spheroidal wave function method for nonrectilinear MRI data acquisition methods. IEEE Transactions on Image Processing, 2006, 15, 2792-2804.	6.0	20
68	Optimal data acquisition in fMRI using prolate spheroidal wave functions. International Journal of Imaging Systems and Technology, 2003, 13, 126-132.	2.7	7
69	Fundamentals of Functional Neuroimaging. , 0, , 41-73.		3