

# Stephan Geuter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4758366/publications.pdf>

Version: 2024-02-01

69  
papers

8,332  
citations

109321

35  
h-index

95266

68  
g-index

75  
all docs

75  
docs citations

75  
times ranked

9896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prefrontal-Subcortical Pathways Mediating Successful Emotion Regulation. <i>Neuron</i> , 2008, 59, 1037-1050.	8.1	1,471
2	An fMRI-Based Neurologic Signature of Physical Pain. <i>New England Journal of Medicine</i> , 2013, 368, 1388-1397.	27.0	1,294
3	Building better biomarkers: brain models in translational neuroimaging. <i>Nature Neuroscience</i> , 2017, 20, 365-377.	14.8	764
4	Modeling the hemodynamic response function in fMRI: Efficiency, bias and mis-modeling. <i>NeuroImage</i> , 2009, 45, S187-S198.	4.2	435
5	Brain Mediators of Predictive Cue Effects on Perceived Pain. <i>Journal of Neuroscience</i> , 2010, 30, 12964-12977.	3.6	355
6	Placebo Analgesia: A Predictive Coding Perspective. <i>Neuron</i> , 2014, 81, 1223-1239.	8.1	344
7	Dynamic connectivity regression: Determining state-related changes in brain connectivity. <i>NeuroImage</i> , 2012, 61, 907-920.	4.2	238
8	Everything You Never Wanted to Know about Circular Analysis, but Were Afraid to Ask. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1551-1557.	4.3	190
9	Validity and power in hemodynamic response modeling: A comparison study and a new approach. <i>Human Brain Mapping</i> , 2007, 28, 764-784.	3.6	187
10	Modular preprocessing pipelines can reintroduce artifacts into fMRI data. <i>Human Brain Mapping</i> , 2019, 40, 2358-2376.	3.6	159
11	Interactions between brain and spinal cord mediate value effects in nocebo hyperalgesia. <i>Science</i> , 2017, 358, 105-108.	12.6	148
12	Dissociable Influences of Opiates and Expectations on Pain. <i>Journal of Neuroscience</i> , 2012, 32, 8053-8064.	3.6	146
13	Quantifying cerebral contributions to pain beyond nociception. <i>Nature Communications</i> , 2017, 8, 14211.	12.8	144
14	Functional dissociation of stimulus intensity encoding and predictive coding of pain in the insula. <i>ELife</i> , 2017, 6, .	6.0	137
15	Resting brain activity in disorders of consciousness. <i>Neurology</i> , 2015, 84, 1272-1280.	1.1	136
16	Facilitation of Pain in the Human Spinal Cord by Nocebo Treatment. <i>Journal of Neuroscience</i> , 2013, 33, 13784-13790.	3.6	109
17	Cortical and subcortical responses to high and low effective placebo treatments. <i>NeuroImage</i> , 2013, 67, 227-236.	4.2	109
18	Whatâ€™s in a word? How instructions, suggestions, and social information change pain and emotion. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 81, 29-42.	6.1	109

#	ARTICLE	IF	CITATIONS
19	The Cognitive Neuroscience of Placebo Effects: Concepts, Predictions, and Physiology. <i>Annual Review of Neuroscience</i> , 2017, 40, 167-188.	10.7	108
20	Brain mediators of the effects of noxious heat on pain. <i>Pain</i> , 2014, 155, 1632-1648.	4.2	101
21	Reproducibility and Temporal Structure in Weekly Resting-State fMRI over a Period of 3.5 Years. <i>PLoS ONE</i> , 2015, 10, e0140134.	2.5	97
22	Response variability of different anodal transcranial direct current stimulation intensities across multiple sessions. <i>Brain Stimulation</i> , 2017, 10, 757-763.	1.6	91
23	Modeling state-related fMRI activity using change-point theory. <i>NeuroImage</i> , 2007, 35, 1125-1141.	4.2	88
24	Effect of Pain Reprocessing Therapy vs Placebo and Usual Care for Patients With Chronic Back Pain. <i>JAMA Psychiatry</i> , 2022, 79, 13.	11.0	85
25	High-dimensional multivariate mediation with application to neuroimaging data. <i>Biostatistics</i> , 2018, 19, 121-136.	1.5	76
26	Functional Causal Mediation Analysis With an Application to Brain Connectivity. <i>Journal of the American Statistical Association</i> , 2012, 107, 1297-1309.	3.1	70
27	Expectation requires treatment to boost pain relief: An fMRI study. <i>Pain</i> , 2014, 155, 150-157.	4.2	67
28	Brain mechanisms of social touch-induced analgesia in females. <i>Pain</i> , 2019, 160, 2072-2085.	4.2	67
29	Logistic Regression With Brownian-Like Predictors. <i>Journal of the American Statistical Association</i> , 2009, 104, 1575-1585.	3.1	63
30	Group-regularized individual prediction: theory and application to pain. <i>NeuroImage</i> , 2017, 145, 274-287.	4.2	59
31	Explicit knowledge enhances motor vigor and performance: motivation versus practice in sequence tasks. <i>Journal of Neurophysiology</i> , 2015, 114, 219-232.	1.8	57
32	Parametric trial-by-trial prediction of pain by easily available physiological measures. <i>Pain</i> , 2014, 155, 994-1001.	4.2	53
33	Ironing out the statistical wrinkles in "eten ironic rules". <i>NeuroImage</i> , 2013, 81, 499-502.	4.2	51
34	Adaptive spatial smoothing of fMRI images. <i>Statistics and Its Interface</i> , 2010, 3, 3-13.	0.3	50
35	Improved state change estimation in dynamic functional connectivity using hidden semi-Markov models. <i>NeuroImage</i> , 2019, 191, 243-257.	4.2	46
36	Multiple Brain Networks Mediating Stimulus-Pain Relationships in Humans. <i>Cerebral Cortex</i> , 2020, 30, 4204-4219.	2.9	46

#	ARTICLE	IF	CITATIONS
37	Correlations and Multiple Comparisons in Functional Imaging: A Statistical Perspective (Commentary) <a href="#">Tj ETQq1 1 0,784314 rgBT /Over</a>	9.0	41
38	Mechanisms of placebo analgesia: A dual-process model informed by insights from cross-species comparisons. <i>Progress in Neurobiology</i> , 2018, 160, 101-122.	5.7	41
39	Estimating and testing variance components in a multi-level GLM. <i>NeuroImage</i> , 2012, 59, 490-501.	4.2	39
40	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. <i>NeuroImage</i> , 2021, 229, 117753.	4.2	35
41	Overt Visual Attention as a Causal Factor of Perceptual Awareness. <i>PLoS ONE</i> , 2011, 6, e22614.	2.5	34
42	Improved estimation of subject-level functional connectivity using full and partial correlation with empirical Bayes shrinkage. <i>NeuroImage</i> , 2018, 172, 478-491.	4.2	31
43	Sparse principal component based high-dimensional mediation analysis. <i>Computational Statistics and Data Analysis</i> , 2020, 142, 106835.	1.2	30
44	Connectivity in fMRI: Blind Spots and Breakthroughs. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1537-1550.	8.9	29
45	Spatial smoothing in fMRI using prolate spheroidal wave functions. <i>Human Brain Mapping</i> , 2008, 29, 1276-1287.	3.6	26
46	Rapid three-dimensional functional magnetic resonance imaging of the initial negative BOLD response. <i>Journal of Magnetic Resonance</i> , 2008, 191, 100-111.	2.1	22
47	A generalization of the two-dimensional prolate spheroidal wave function method for nonrectilinear MRI data acquisition methods. <i>IEEE Transactions on Image Processing</i> , 2006, 15, 2792-2804.	9.8	20
48	Individual variability in brain representations of pain. <i>Nature Neuroscience</i> , 2022, 25, 749-759.	14.8	20
49	Health Effects of Lesion Localization in Multiple Sclerosis: Spatial Registration and Confounding Adjustment. <i>PLoS ONE</i> , 2014, 9, e107263.	2.5	19
50	Graphical models, potential outcomes and causal inference: Comment on Ramsey, Spirtes and Glymour. <i>NeuroImage</i> , 2011, 57, 334-336.	4.2	16
51	Increased integration between default mode and task-relevant networks in children with ADHD is associated with impaired response control. <i>Developmental Cognitive Neuroscience</i> , 2021, 50, 100980.	4.0	16
52	Phase-locking of resting-state brain networks with the gastric basal electrical rhythm. <i>PLoS ONE</i> , 2021, 16, e0244756.	2.5	14
53	A multistudy analysis reveals that evoked pain intensity representation is distributed across brain systems. <i>PLoS Biology</i> , 2022, 20, e3001620.	5.6	11
54	Detecting Task-Dependent Functional Connectivity in Group Iterative Multiple Model Estimation with Person-Specific Hemodynamic Response Functions. <i>Brain Connectivity</i> , 2021, 11, 418-429.	1.7	10

#	ARTICLE	IF	CITATIONS
55	Associations between neighborhood socioeconomic status, parental education, and executive system activation in youth. <i>Cerebral Cortex</i> , 2023, 33, 1058-1073.	2.9	10
56	Cloak and DAG: A response to the comments on our comment. <i>NeuroImage</i> , 2013, 76, 446-449.	4.2	8
57	Moderated t-tests for group-level fMRI analysis. <i>NeuroImage</i> , 2021, 237, 118141.	4.2	8
58	Generalizability of Neuroimaging Studies in 5 Common Psychiatric Disorders Based on the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC). <i>Journal of Clinical Psychiatry</i> , 2016, 77, e1618-e1625.	2.2	8
59	Optimal data acquisition in fMRI using prolate spheroidal wave functions. <i>International Journal of Imaging Systems and Technology</i> , 2003, 13, 126-132.	4.1	7
60	Identification of the Somatomotor Network from Language Task-based fMRI Compared with Resting-State fMRI in Patients with Brain Lesions. <i>Radiology</i> , 2021, 301, 178-184.	7.3	7
61	Disentangling opposing effects of motivational states on pain perception. <i>Pain Reports</i> , 2016, 1, e574.	2.7	5
62	Fundamentals of Functional Neuroimaging. , 0, , 41-73.		3
63	Comparing Painful Stimulation vs Rest in Studies of Pain. <i>JAMA Neurology</i> , 2016, 73, 1258.	9.0	3
64	Single-index models with functional connectivity network predictors. <i>Biostatistics</i> , 2021, , .	1.5	3
65	The benefits of rapid 3D fMRI. <i>International Journal of Imaging Systems and Technology</i> , 2010, 20, 14-22.	4.1	2
66	A functional mixed model for scalar on function regression with application to a functional MRI study. <i>Biostatistics</i> , 2021, 22, 439-454.	1.5	2
67	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. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, , .	1.5	2
68	Fast functional magnetic resonance imaging—a new approach towards neuroimaging. <i>Statistics and Its Interface</i> , 2008, 1, 13-21.	0.3	2
69	Relationship Between TSH Levels and Cognition in the Young Adult: An Analysis of the Human Connectome Project Data. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1897-1905.	3.6	1