

Stephen J Gotts

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

5,525
citations

201674

27
h-index

118850

62
g-index

85
all docs

85
docs citations

85
times ranked

7375
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Frequency, Long-Range Coupling Between Prefrontal and Visual Cortex During Attention. <i>Science</i> , 2009, 324, 1207-1210.	12.6	1,075
2	Trouble at Rest: How Correlation Patterns and Group Differences Become Distorted After Global Signal Regression. <i>Brain Connectivity</i> , 2012, 2, 25-32.	1.7	805
3	Two distinct forms of functional lateralization in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3435-44.	7.1	315
4	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012, 135, 2711-2725.	7.6	314
5	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State fMRI. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-9.	0.9	260
6	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 356.	2.0	260
7	Ridding fMRI data of motion-related influences: Removal of signals with distinct spatial and physical bases in multiecho data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2105-E2114.	7.1	250
8	Cell-Type-Specific Synchronization of Neural Activity in FEF with V4 during Attention. <i>Neuron</i> , 2012, 73, 581-594.	8.1	217
9	Repetition priming and repetition suppression: A case for enhanced efficiency through neural synchronization. <i>Cognitive Neuroscience</i> , 2012, 3, 227-237.	1.4	202
10	Correcting Brain-Wide Correlation Differences in Resting-State fMRI. <i>Brain Connectivity</i> , 2013, 3, 339-352.	1.7	183
11	A theoretical rut: revisiting and critically evaluating the generalized under/overconnectivity hypothesis of autism. <i>Developmental Science</i> , 2016, 19, 524-549.	2.4	101
12	Direct modulation of aberrant brain network connectivity through real-time NeuroFeedback. <i>ELife</i> , 2017, 6, .	6.0	97
13	Disrupted sensorimotor and social cognitive networks underlie symptoms in childhood-onset schizophrenia. <i>Brain</i> , 2016, 139, 276-291.	7.6	95
14	Category-specific integration of homeostatic signals in caudal but not rostral human insula. <i>Nature Neuroscience</i> , 2013, 16, 1551-1552.	14.8	87
15	Long-range neural coupling through synchronization with attention. <i>Progress in Brain Research</i> , 2009, 176, 35-45.	1.4	76
16	Taste Quality Representation in the Human Brain. <i>Journal of Neuroscience</i> , 2020, 40, 1042-1052.	3.6	67
17	The impact of synaptic depression following brain damage: A connectionist account of "access/refractory" and "degraded-store" semantic impairments. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002, 2, 187-213.	2.0	66
18	Sex Differences in Resting-State Functional Connectivity of the Cerebellum in Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 104.	2.0	50

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19	Social Perception in Autism Spectrum Disorders: Impaired Category Selectivity for Dynamic but not Static Images in Ventral Temporal Cortex. <i>Cerebral Cortex</i> , 2014, 24, 37-48.	2.9	46
20	Shifts in connectivity during procedural learning after motor cortex stimulation: A combined transcranial magnetic stimulation/functional magnetic resonance imaging study. <i>Cortex</i> , 2016, 74, 134-148.	2.4	45
21	Object repetition leads to local increases in the temporal coordination of neural responses. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 30.	2.0	43
22	Convergent gustatory and viscerosensory processing in the human dorsal mid-insula. <i>Human Brain Mapping</i> , 2017, 38, 2150-2164.	3.6	43
23	Brain networks, dimensionality, and global signal averaging in resting-state fMRI: Hierarchical network structure results in low-dimensional spatiotemporal dynamics. <i>NeuroImage</i> , 2020, 205, 116289.	4.2	40
24	Cerebro-cerebellar connectivity is increased in primary lateral sclerosis. <i>NeuroImage: Clinical</i> , 2015, 7, 288-296.	2.7	38
25	Mechanisms underlying perseveration in aphasia: evidence from a single case study. <i>Neuropsychologia</i> , 2002, 40, 1930-1947.	1.6	36
26	Spatial Mechanisms within the Dorsal Visual Pathway Contribute to the Configural Processing of Faces. <i>Cerebral Cortex</i> , 2017, 27, 4124-4138.	2.9	35
27	Overt social interaction and resting state in young adult males with autism: core and contextual neural features. <i>Brain</i> , 2019, 142, 808-822.	7.6	35
28	Evidence supporting a time-limited hippocampal role in retrieving autobiographical memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
29	Broad and Narrow Conceptual Tuning in the Human Frontal Lobes. <i>Cerebral Cortex</i> , 2011, 21, 477-491.	2.9	31
30	Insistence on sameness relates to increased covariance of gray matter structure in autism spectrum disorder. <i>Molecular Autism</i> , 2015, 6, 54.	4.9	31
31	Intrinsic frequency biases and profiles across human cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 2853-2864.	1.8	29
32	Viewing images of foods evokes taste quality-specific activity in gustatory insular cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
33	A data-driven functional mapping of the anterior temporal lobes. <i>Journal of Neuroscience</i> , 2021, , JN-RM-0456-21.	3.6	27
34	Repetition priming and repetition suppression: Multiple mechanisms in need of testing. <i>Cognitive Neuroscience</i> , 2012, 3, 250-259.	1.4	26
35	Changes in human brain dynamics during behavioral priming and repetition suppression. <i>Progress in Neurobiology</i> , 2020, 189, 101788.	5.7	26
36	Quantifying Agreement between Anatomical and Functional Interhemispheric Correspondences in the Resting Brain. <i>PLoS ONE</i> , 2012, 7, e48847.	2.5	25

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37	Identifying task-general effects of stimulus familiarity in the parietal memory network. <i>Neuropsychologia</i> , 2019, 124, 31-43.	1.6	24
38	Canonical Cortical Circuit Model Explains Rivalry, Intermittent Rivalry, and Rivalry Memory. <i>PLoS Computational Biology</i> , 2016, 12, e1004903.	3.2	24
39	Is a single "hub"™, with lots of spokes, an accurate description of the neural architecture of action semantics?. <i>Physics of Life Reviews</i> , 2014, 11, 261-262.	2.8	23
40	Incremental learning of perceptual and conceptual representations and the puzzle of neural repetition suppression. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1055-1071.	2.8	23
41	Attenuated resting-state functional connectivity in patients with childhood- and adult-onset schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 219-225.	2.0	22
42	Dynamic Content Reactivation Supports Naturalistic Autobiographical Recall in Humans. <i>Journal of Neuroscience</i> , 2021, 41, 153-166.	3.6	22
43	Connectionist Approaches to Understanding Aphasic Perseveration. <i>Seminars in Speech and Language</i> , 2004, 25, 323-334.	0.8	21
44	Practice Structure Improves Unconscious Transitional Memories by Increasing Synchrony in a Premotor Network. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1503-1512.	2.3	21
45	Bilateral functional connectivity at rest predicts apraxic symptoms after left hemisphere stroke. <i>NeuroImage: Clinical</i> , 2019, 21, 101526.	2.7	21
46	Prism Adaptation Modulates Connectivity of the Intraparietal Sulcus with Multiple Brain Networks. <i>Cerebral Cortex</i> , 2020, 30, 4747-4758.	2.9	21
47	Making the causal link: frontal cortex activity and repetition priming. <i>Nature Neuroscience</i> , 2005, 8, 1134-1135.	14.8	19
48	A procedure for testing across-condition rhythmic spike-field association change. <i>Journal of Neuroscience Methods</i> , 2013, 213, 43-62.	2.5	18
49	Neural correlates of taste reactivity in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2018, 19, 38-46.	2.7	18
50	Callosal anisotropy predicts attentional network changes after parietal inhibitory stimulation. <i>NeuroImage</i> , 2021, 226, 117559.	4.2	17
51	Altered resting-state dynamics in autism spectrum disorder: Causal to the social impairment?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 28-36.	4.8	16
52	Object identification leads to a conceptual broadening of object representations in lateral prefrontal cortex. <i>Neuropsychologia</i> , 2015, 76, 62-78.	1.6	12
53	Reply to Spreng et al.: Multiecho fMRI denoising does not remove global motion-associated respiratory signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19243-19244.	7.1	11
54	Developing a domain-general framework for cognition: What is the best approach?. <i>Behavioral and Brain Sciences</i> , 2003, 26, 611-614.	0.7	10

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55	A Comparison of Single- and Multi-Echo Processing of Functional MRI Data During Overt Autobiographical Recall. <i>Frontiers in Neuroscience</i> , 2022, 16, 854387.	2.8	6
56	Fast detection and reduction of local transient artifacts in resting-state fMRI. <i>Computers in Biology and Medicine</i> , 2020, 120, 103742.	7.0	5
57	Enhanced inter-regional coupling of neural responses and repetition suppression provide separate contributions to long-term behavioral priming. <i>Communications Biology</i> , 2021, 4, 487.	4.4	5
58	Youth with Down syndrome display widespread increased functional connectivity during rest. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
59	Resting-State Functional Connectivity and Psychopathology in Klinefelter Syndrome (47, XXY). <i>Cerebral Cortex</i> , 2021, 31, 4180-4190.	2.9	4
60	Testosterone and Resting State Connectivity of the Parahippocampal Gyrus in Men With History of Deployment-Related Mild Traumatic Brain Injury. <i>Military Medicine</i> , 2020, 185, e1750-e1758.	0.8	3
61	Resting-State Correlations of Fatigue Following Military Deployment. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2021, 33, 337-341.	1.8	2
62	The nature and role of cortical feedback in perception, imagery, and synesthesia. <i>Cognitive Neuroscience</i> , 2014, 5, 121-122.	1.4	1
63	T61. Neural Correlates of Taste Reactivity in Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2018, 83, S152.	1.3	0
64	Patterns of Altered Resting State Functional Connectivity in Klinefelter's Syndrome (47, XXY). <i>Biological Psychiatry</i> , 2020, 87, S318-S319.	1.3	0
65	Dynamic Reconfiguration of Brain Network Architecture Following Frustration is Associated With Youth Irritability. <i>Biological Psychiatry</i> , 2021, 89, S170.	1.3	0
66	The right FFA is functionally connected to the dorsal visual pathway during configural face processing.. <i>Journal of Vision</i> , 2016, 16, 1233.	0.3	0
67	Viewing pictures of foods elicits taste-specific activity in gustatory insular cortex. <i>Journal of Vision</i> , 2020, 20, 882.	0.3	0
68	Modality and category selectivity in the anterior temporal lobes. <i>Journal of Vision</i> , 2020, 20, 371.	0.3	0
69	Distinct deficits of repetition priming following lateral versus anteromedial frontal cortex damage. <i>Neuropsychologia</i> , 2022, 170, 108212.	1.6	0