Stephen J Gotts

List of Publications by Year
in descending order

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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	Distinct deficits of repetition priming following lateral versus anteromedial frontal cortex damage. Neuropsychologia, 2022, 170, 108212.	1.6	0
2	A Comparison of Single- and Multi-Echo Processing of Functional MRI Data During Overt Autobiographical Recall. Frontiers in Neuroscience, 2022, 16, 854387.	2.8	6
3	Youth with Down syndrome display widespread increased functional connectivity during rest. Scientific Reports, 2022, 12, .	3.3	5
4	Callosal anisotropy predicts attentional network changes after parietal inhibitory stimulation. NeuroImage, 2021, 226, 117559.	4.2	17
5	Evidence supporting a time-limited hippocampal role in retrieving autobiographical memories. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
6	Enhanced inter-regional coupling of neural responses and repetition suppression provide separate contributions to long-term behavioral priming. Communications Biology, 2021, 4, 487.	4.4	5
7	Resting-State Functional Connectivity and Psychopathology in Klinefelter Syndrome (47, XXY). Cerebral Cortex, 2021, 31, 4180-4190.	2.9	4
8	Dynamic Reconfiguration of Brain Network Architecture Following Frustration is Associated With Youth Irritability. Biological Psychiatry, 2021, 89, S170.	1.3	0
9	A data-driven functional mapping of the anterior temporal lobes. Journal of Neuroscience, 2021, , JN-RM-0456-21.	3.6	27
10	Resting-State Correlations of Fatigue Following Military Deployment. Journal of Neuropsychiatry and Clinical Neurosciences, 2021, 33, 337-341.	1.8	2
11	Viewing images of foods evokes taste quality-specific activity in gustatory insular cortex. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
12	Dynamic Content Reactivation Supports Naturalistic Autobiographical Recall in Humans. Journal of Neuroscience, 2021, 41, 153-166.	3.6	22
13	Brain networks, dimensionality, and global signal averaging in resting-state fMRI: Hierarchical network structure results in low-dimensional spatiotemporal dynamics. NeuroImage, 2020, 205, 116289.	4.2	40
14	Patterns of Altered Resting State Functional Connectivity in Klinefelterâ€™s Syndrome (47, XXY). Biological Psychiatry, 2020, 87, S318-S319.	1.3	0
15	Testosterone and Resting State Connectivity of the Parahippocampal Gyrus in Men With History of Deployment-Related Mild Traumatic Brain Injury. Military Medicine, 2020, 185, e1750-e1758.	0.8	3
16	Changes in human brain dynamics during behavioral priming and repetition suppression. Progress in Neurobiology, 2020, 189, 101788.	5.7	26
17	Taste Quality Representation in the Human Brain. Journal of Neuroscience, 2020, 40, 1042-1052.	3.6	67
18	Fast detection and reduction of local transient artifacts in resting-state fMRI. Computers in Biology and Medicine, 2020, 120, 103742.	7.0	5

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19	Prism Adaptation Modulates Connectivity of the Intraparietal Sulcus with Multiple Brain Networks. Cerebral Cortex, 2020, 30, 4747-4758.	2.9	21
20	Viewing pictures of foods elicits taste-specific activity in gustatory insular cortex. Journal of Vision, 2020, 20, 882.	0.3	0
21	Modality and category selectivity in the anterior temporal lobes. Journal of Vision, 2020, 20, 371.	0.3	0
22	Overt social interaction and resting state in young adult males with autism: core and contextual neural features. Brain, 2019, 142, 808-822.	7.6	35
23	Sex Differences in Resting-State Functional Connectivity of the Cerebellum in Autism Spectrum Disorder. Frontiers in Human Neuroscience, 2019, 13, 104.	2.0	50
24	Reply to Spreng et al.: Multiecho fMRI denoising does not remove global motion-associated respiratory signals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19243-19244.	7.1	11
25	Bilateral functional connectivity at rest predicts apraxic symptoms after left hemisphere stroke. NeuroImage: Clinical, 2019, 21, 101526.	2.7	21
26	Altered resting-state dynamics in autism spectrum disorder: Causal to the social impairment?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 28-36.	4.8	16
27	Identifying task-general effects of stimulus familiarity in the parietal memory network. Neuropsychologia, 2019, 124, 31-43.	1.6	24
28	Neural correlates of taste reactivity in autism spectrum disorder. NeuroImage: Clinical, 2018, 19, 38-46.	2.7	18
29	Ridding fMRI data of motion-related influences: Removal of signals with distinct spatial and physical bases in multiecho data. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2105-E2114.	7.1	250
30	Attenuated resting-state functional connectivity in patients with childhood- and adult-onset schizophrenia. Schizophrenia Research, 2018, 197, 219-225.	2.0	22
31	T61. Neural Correlates of Taste Reactivity in Autism Spectrum Disorder. Biological Psychiatry, 2018, 83, S152.	1.3	0
32	Spatial Mechanisms within the Dorsal Visual Pathway Contribute to the Configural Processing of Faces. Cerebral Cortex, 2017, 27, 4124-4138.	2.9	35
33	Convergent gustatory and viscerosensory processing in the human dorsal midâ€insula. Human Brain Mapping, 2017, 38, 2150-2164.	3.6	43
34	Intrinsic frequency biases and profiles across human cortex. Journal of Neurophysiology, 2017, 118, 2853-2864.	1.8	29
35	Direct modulation of aberrant brain network connectivity through real-time NeuroFeedback. ELife, 2017, 6, .	6.0	97
36	A theoretical rut: revisiting and critically evaluating the generalized under/overâ€connectivity hypothesis of autism. Developmental Science, 2016, 19, 524-549.	2.4	101

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37	Incremental learning of perceptual and conceptual representations and the puzzle of neural repetition suppression. Psychonomic Bulletin and Review, 2016, 23, 1055-1071.	2.8	23
38	Shifts in connectivity during procedural learning after motor cortex stimulation: A combined transcranial magnetic stimulation/functional magnetic resonance imaging study. Cortex, 2016, 74, 134-148.	2.4	45
39	Disrupted sensorimotor and socialâ€“cognitive networks underlie symptoms in childhood-onset schizophrenia. Brain, 2016, 139, 276-291.	7.6	95
40	Canonical Cortical Circuit Model Explains Rivalry, Intermittent Rivalry, and Rivalry Memory. PLoS Computational Biology, 2016, 12, e1004903.	3.2	24
41	The right FFA is functionally connected to the dorsal visual pathway during configural face processing.. Journal of Vision, 2016, 16, 1233.	0.3	0
42	Insistence on sameness relates to increased covariance of gray matter structure in autism spectrum disorder. Molecular Autism, 2015, 6, 54.	4.9	31
43	Cerebro-cerebellar connectivity is increased in primary lateral sclerosis. NeuroImage: Clinical, 2015, 7, 288-296.	2.7	38
44	Practice Structure Improves Unconscious Transitional Memories by Increasing Synchrony in a Premotor Network. Journal of Cognitive Neuroscience, 2015, 27, 1503-1512.	2.3	21
45	Object identification leads to a conceptual broadening of object representations in lateral prefrontal cortex. Neuropsychologia, 2015, 76, 62-78.	1.6	12
46	The nature and role of cortical feedback in perception, imagery, and synesthesia. Cognitive Neuroscience, 2014, 5, 121-122.	1.4	1
47	Social Perception in Autism Spectrum Disorders: Impaired Category Selectivity for Dynamic but not Static Images in Ventral Temporal Cortex. Cerebral Cortex, 2014, 24, 37-48.	2.9	46
48	Is a single â€˜hubâ€™, with lots of spokes, an accurate description of the neural architecture of action semantics?. Physics of Life Reviews, 2014, 11, 261-262.	2.8	23
49	Category-specific integration of homeostatic signals in caudal but not rostral human insula. Nature Neuroscience, 2013, 16, 1551-1552.	14.8	87
50	A procedure for testing across-condition rhythmic spike-field association change. Journal of Neuroscience Methods, 2013, 213, 43-62.	2.5	18
51	Two distinct forms of functional lateralization in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3435-44.	7.1	315
52	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State FMRI. Journal of Applied Mathematics, 2013, 2013, 1-9.	0.9	260
53	Correcting Brain-Wide Correlation Differences in Resting-State FMRI. Brain Connectivity, 2013, 3, 339-352.	1.7	183
54	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. Frontiers in Human Neuroscience, 2013, 7, 356.	2.0	260

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55	Repetition priming and repetition suppression: Multiple mechanisms in need of testing. Cognitive Neuroscience, 2012, 3, 250-259.	1.4	26
56	Repetition priming and repetition suppression: A case for enhanced efficiency through neural synchronization. Cognitive Neuroscience, 2012, 3, 227-237.	1.4	202
57	Trouble at Rest: How Correlation Patterns and Group Differences Become Distorted After Global Signal Regression. Brain Connectivity, 2012, 2, 25-32.	1.7	805
58	Cell-Type-Specific Synchronization of Neural Activity in FEF with V4 during Attention. Neuron, 2012, 73, 581-594.	8.1	217
59	Fractionation of social brain circuits in autism spectrum disorders. Brain, 2012, 135, 2711-2725.	7.6	314
60	Quantifying Agreement between Anatomical and Functional Interhemispheric Correspondences in the Resting Brain. PLoS ONE, 2012, 7, e48847.	2.5	25
61	Broad and Narrow Conceptual Tuning in the Human Frontal Lobes. Cerebral Cortex, 2011, 21, 477-491.	2.9	31
62	Object repetition leads to local increases in the temporal coordination of neural responses. Frontiers in Human Neuroscience, 2010, 4, 30.	2.0	43
63	Long-range neural coupling through synchronization with attention. Progress in Brain Research, 2009, 176, 35-45.	1.4	76
64	High-Frequency, Long-Range Coupling Between Prefrontal and Visual Cortex During Attention. Science, 2009, 324, 1207-1210.	12.6	1,075
65	Making the causal link: frontal cortex activity and repetition priming. Nature Neuroscience, 2005, 8, 1134-1135.	14.8	19
66	Connectionist Approaches to Understanding Aphasic Perseveration. Seminars in Speech and Language, 2004, 25, 323-334.	0.8	21
67	Developing a domain-general framework for cognition: What is the best approach?. Behavioral and Brain Sciences, 2003, 26, 611-614.	0.7	10
68	Mechanisms underlying perseveration in aphasia: evidence from a single case study. Neuropsychologia, 2002, 40, 1930-1947.	1.6	36
69	The impact of synaptic depression following brain damage: A connectionist account of "access/refractory" and "degraded-store" semantic impairments. Cognitive, Affective and Behavioral Neuroscience, 2002, 2, 187-213.	2.0	66