Christopher J Honey

List of Publications by Year
in descending order

60	16,661	87401 40	169272 56
papers	citations	h-index	g-index

75	75	75	16503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mapping the Structural Core of Human Cerebral Cortex. PLoS Biology, 2008, 6, e159.	2.6	3,556
2	Predicting human resting-state functional connectivity from structural connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2035-2040.	3.3	2,791
3	Network structure of cerebral cortex shapes functional connectivity on multiple time scales. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10240-10245.	3.3	1,580
4	Identification and Classification of Hubs in Brain Networks. PLoS ONE, 2007, 2, e1049.	1.1	1,007
5	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using a Narrated Story. Journal of Neuroscience, 2011, 31, 2906-2915.	1.7	669
6	Can structure predict function in the human brain?. NeuroImage, 2010, 52, 766-776.	2.1	537
7	Hierarchical process memory: memory as an integral component of information processing. Trends in Cognitive Sciences, 2015, 19, 304-313.	4.0	521
8	Slow Cortical Dynamics and the Accumulation of Information over Long Timescales. Neuron, 2012, 76, 423-434.	3.8	470
9	Shared memories reveal shared structure in neural activity across individuals. Nature Neuroscience, 2017, 20, 115-125.	7.1	443
10	Dynamic reconfiguration of the default mode network during narrative comprehension. Nature Communications, 2016, 7, 12141.	5.8	441
11	Dynamical consequences of lesions in cortical networks. Human Brain Mapping, 2008, 29, 802-809.	1.9	330
12	Coupled neural systems underlie the production and comprehension of naturalistic narrative speech. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4687-96.	3.3	304
13	Small worlds inside big brains. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19219-19220.	3.3	268
14	MR connectomics: Principles and challenges. Journal of Neuroscience Methods, 2010, 194, 34-45.	1.3	251
15	Broadband changes in the cortical surface potential track activation of functionally diverse neuronal populations. NeuroImage, 2014, 85, 711-720.	2.1	225
16	Same Story, Different Story. Psychological Science, 2017, 28, 307-319.	1.8	212
17	Neurophysiological Investigation of Spontaneous Correlated and Anticorrelated Fluctuations of the BOLD Signal. Journal of Neuroscience, 2013, 33, 6333-6342.	1.7	211
18	Human Motor Cortical Activity Is Selectively Phase-Entrained on Underlying Rhythms. PLoS Computational Biology, 2012, 8, e1002655.	1.5	202

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19	Selective and Invariant Neural Responses to Spoken and Written Narratives. Journal of Neuroscience, 2013, 33, 15978-15988.	1.7	180
20	iELVis: An open source MATLAB toolbox for localizing and visualizing human intracranial electrode data. Journal of Neuroscience Methods, 2017, 281, 40-48.	1.3	177
21	Mapping human brain networks with cortico-cortical evoked potentials. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130528.	1.8	165
22	Not Lost in Translation: Neural Responses Shared Across Languages. Journal of Neuroscience, 2012, 32, 15277-15283.	1.7	162
23	Future trends in Neuroimaging: Neural processes as expressed within real-life contexts. NeuroImage, 2012, 62, 1272-1278.	2.1	150
24	A place for time: the spatiotemporal structure of neural dynamics during natural audition. Journal of Neurophysiology, 2013, 110, 2019-2026.	0.9	148
25	Corticocortical Evoked Potentials Reveal Projectors and Integrators in Human Brain Networks. Journal of Neuroscience, 2014, 34, 9152-9163.	1.7	107
26	Accessing Real-Life Episodic Information from Minutes versus Hours Earlier Modulates Hippocampal and High-Order Cortical Dynamics. Cerebral Cortex, 2016, 26, 3428-3441.	1.6	104
27	Engaged listeners: shared neural processing of powerful political speeches. Social Cognitive and Affective Neuroscience, 2015, 10, 1137-1143.	1.5	100
28	Genetic variants in Alzheimer disease â€" molecular and brain network approaches. Nature Reviews Neurology, 2016, 12, 413-427.	4.9	97
29	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. Scientific Data, 2019, 6, 102.	2.4	96
30	Switching between internal and external modes: A multiscale learning principle. Network Neuroscience, 2017, 1, 339-356.	1.4	82
31	Neural pattern change during encoding of a narrative predicts retrospective duration estimates. ELife, 2016, 5, .	2.8	77
32	Principles of Temporal Processing Across the Cortical Hierarchy. Neuroscience, 2018, 389, 161-174.	1.1	73
33	Constructing and Forgetting Temporal Context in the Human Cerebral Cortex. Neuron, 2020, 106, 675-686.e11.	3.8	70
34	Temporal scaling of neural responses to compressed and dilated natural speech. Journal of Neurophysiology, 2014, 111, 2433-2444.	0.9	67
35	Dynamic Modulation of Local Population Activity by Rhythm Phase in Human Occipital Cortex During a Visual Search Task. Frontiers in Human Neuroscience, 2010, 4, 197.	1.0	65
36	Elucidating relations between fMRI, ECoG, and EEG through a common natural stimulus. NeuroImage, 2018, 179, 79-91.	2.1	64

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37	Mapping between fMRI responses to movies and their natural language annotations. NeuroImage, 2018, 180, 223-231.	2.1	61
38	Induction and Quantification of Excitability Changes in Human Cortical Networks. Journal of Neuroscience, 2018, 38, 5384-5398.	1.7	61
39	Spontaneous Neural Dynamics and Multi-scale Network Organization. Frontiers in Systems Neuroscience, 2016, 10, 7.	1.2	60
40	Processing Timescales as an Organizing Principle for Primate Cortex. Neuron, 2015, 88, 244-246.	3.8	58
41	Contextual Alignment of Cognitive and Neural Dynamics. Journal of Cognitive Neuroscience, 2015, 27, 655-664.	1.1	54
42	The â€œNarrativesâ€•fMRI dataset for evaluating models of naturalistic language comprehension. Scientific Data, 2021, 8, 250.	2.4	50
43	Neural Correlates of Risk Perception during Real-Life Risk Communication. Journal of Neuroscience, 2013, 33, 10340-10347.	1.7	49
44	Widespread correlation patterns of fMRI signal across visual cortex reflect eccentricity organization. ELife, 2015, 4, .	2.8	48
45	Loss of reliable temporal structure in event-related averaging of naturalistic stimuli. NeuroImage, 2012, 63, 501-506.	2.1	44
46	Consequences of base time for redundant signals experiments. Journal of Mathematical Psychology, 2007, 51, 242-265.	1.0	23
47	Social-affective features drive human representations of observed actions. ELife, 0, 11, .	2.8	23
48	Temporal integration of narrative information in a hippocampal amnesic patient. NeuroImage, 2020, 213, 116658.	2.1	21
49	Transformation of speech sequences in human sensorimotor circuits. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3203-3213.	3.3	17
50	Alzheimer's Disease: A Search for Broken Links. Journal of Neuroscience, 2008, 28, 8148-8149.	1.7	15
51	Does rhythmic entrainment represent a generalized mechanism for organizing computation in the brain?. Frontiers in Computational Neuroscience, 2012, 6, 85.	1.2	12
52	Neuroscience: When a Single Image Can Cause a Seizure. Current Biology, 2017, 27, R394-R397.	1.8	7
53	Phase and amplitude dynamics of coupled oscillator systems on complex networks. Chaos, 2020, 30, 121102.	1.0	6
54	Topographic Dynamics in the Resting Brain. Neuron, 2013, 78, 955-956.	3.8	5

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55	Causal Evidence for a Neural Component of Spatially Global Hemodynamic Signals. Neuron, 2018, 97, 734-736.	3.8	4
56	The representational space of action perception. Journal of Vision, 2020, 20, 1161.	0.1	2
57	How long is now? The multiple timescales of language processing. Behavioral and Brain Sciences, 2016, 39, e77.	0.4	1
58	27. Repetitive Brain Stimulation Induces Long-Term Plasticity across Patient Populations and Spatial Scales. Biological Psychiatry, 2017, 81, S12.	0.7	0
59	A data-driven investigation of human action representations. Journal of Vision, 2021, 21, 2552.	0.1	0
60	Temporal Hierarchies in Human Cerebral Cortex. Journal of Vision, 2018, 18, 1372.	0.1	0