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List of Publications by Year
in descending order

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68 papers	7,564 citations	168829 31 h-index	134545 62 g-index
77 all docs	77 docs citations	77 times ranked	6536 citing authors

#	Article	IF	Citations
1	Shared computational principles for language processing in humans and deep language models. Nature Neuroscience, 2022, 25, 369-380.	7.1	116
2	The default mode network: where the idiosyncratic self meets the shared social world. Nature Reviews Neuroscience, 2021, 22, 181-192.	4.9	299
3	Spontaneous eye movements during eyes-open rest reduce resting-state-network modularity by increasing visual-sensorimotor connectivity. Network Neuroscience, 2021, 5, 451-476.	1.4	8
4	Semantically predictable input streams impede gaze-orientation to surprising locations. Cortex, 2021, 139, 222-239.	1.1	1
5	The â€œNarrativesâ€•fMRI dataset for evaluating models of naturalistic language comprehension. Scientific Data, 2021, 8, 250.	2.4	50
6	Predictions as a window into learning: Anticipatory fixation offsets carry more information about environmental statistics than reactive stimulus-responses. Journal of Vision, 2019, 19, 8.	0.1	7
7	Shared understanding of narratives is correlated with shared neural responses. NeuroImage, 2019, 184, 161-170.	2.1	214
8	A combinatorial framework to quantify peak/pit asymmetries in complex dynamics. Scientific Reports, 2018, 8, 3557.	1.6	15
9	Method for retrospective estimation of natural head movement during structural MRI. Journal of Magnetic Resonance Imaging, 2018, 48, 927-937.	1.9	19
10	Cross-modal and non-monotonic representations of statistical regularity are encoded in local neural response patterns. NeuroImage, 2018, 173, 509-517.	2.1	3
11	Task-induced deactivation in diverse brain systems correlates with interindividual differences in distinct autonomic indices. Neuropsychologia, 2018, 113, 29-42.	0.7	7
12	Predictability of what or where reduces brain activity, but a bottleneck occurs when both are predictable. NeuroImage, 2018, 167, 224-236.	2.1	19
13	Grounding the neurobiology of language in first principles: The necessity of non-language-centric explanations for language comprehension. Cognition, 2018, 180, 135-157.	1.1	115
14	Learning Naturalistic Temporal Structure in the Posterior Medial Network. Journal of Cognitive Neuroscience, 2018, 30, 1345-1365.	1.1	51
15	The Role of Working Memory in the Probabilistic Inference of Future Sensory Events. Cerebral Cortex, 2017, 27, bhw138.	1.6	14
16	Structural neuroplasticity of the superior temporal plane in early and late blindness. Brain and Language, 2017, 170, 71-81.	0.8	8
17	Visual cortex signals a mismatch between regularity of auditory and visual streams. NeuroImage, 2017, 157, 648-659.	2.1	8
18	Same Story, Different Story. Psychological Science, 2017, 28, 307-319.	1.8	212

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19	Discovering Event Structure in Continuous Narrative Perception and Memory. Neuron, 2017, 95, 709-721.e5.	3.8	566
20	The neurobiology of uncertainty: implications for statistical learning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160048.	1.8	58
21	Neurobiology of Statistical Information Processing in the Auditory Domain. , 2016, , 527-537.		0
22	Neural sensitivity to syllable frequency and mutual information in speech perception and production. NeuroImage, 2016, 136, 106-121.	2.1	18
23	Progression to deep sleep is characterized by changes to BOLD dynamics in sensory cortices. NeuroImage, 2016, 130, 293-305.	2.1	18
24	Cross-modal searchlight classification: methodological challenges and recommended solutions. , 2016, , .		4
25	Repeated movie viewings produce similar local activity patterns but different network configurations. NeuroImage, 2016, 142, 613-627.	2.1	24
26	Congenital blindness is associated with large-scale reorganization of anatomical networks. NeuroImage, 2016, 128, 362-372.	2.1	39
27	Brains of verbal memory specialists show anatomical differences in language, memory and visual systems. NeuroImage, 2016, 131, 181-192.	2.1	30
28	The Structural Correlates of Statistical Information Processing during Speech Perception. PLoS ONE, 2016, 11, e0149375.	1.1	5
29	Neural pattern change during encoding of a narrative predicts retrospective duration estimates. ELife, 2016, 5, .	2.8	77
30	Differential lateralization of hippocampal connectivity reflects features of recent context and ongoing demands: An examination of immediate postâ€task activity. Human Brain Mapping, 2015, 36, 519-537.	1.9	10
31	What are naturalistic comprehension paradigms teaching us about language?. , 2015, , 228-255.		6
32	Global features of functional brain networks change with contextual disorder. NeuroImage, 2015, 117, 103-113.	2.1	26
33	Connectivity in the human brain dissociates entropy and complexity of auditory inputs. NeuroImage, 2015, 108, 292-300.	2.1	11
34	Contextual Alignment of Cognitive and Neural Dynamics. Journal of Cognitive Neuroscience, 2015, 27, 655-664.	1.1	54
35	Functional and Developmental Significance of Amplitude Variance Asymmetry in the BOLD Resting-State Signal. Cerebral Cortex, 2014, 24, 1332-1350.	1.6	14
36	Uncertainty in visual and auditory series is coded by modalityâ€general and modalityâ€specific neural systems. Human Brain Mapping, 2014, 35, 1111-1128.	1.9	57

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37	Does it talk the talk? On the role of basal ganglia in emotive speech processing. Behavioral and Brain Sciences, 2014, 37, 556-557.	0.4	2
38	On the Same Wavelength: Predictable Language Enhances Speakerâ€“Listener Brain-to-Brain Synchrony in Posterior Superior Temporal Gyrus. Journal of Neuroscience, 2014, 34, 6267-6272.	1.7	135
39	Magnitude of task-induced deactivation of insula and anterior cingulate cortex is related to inter-individual differences in RMSSD. , 2014, , .		0
40	Not Lost in Translation: Neural Responses Shared Across Languages. Journal of Neuroscience, 2012, 32, 15277-15283.	1.7	162
41	Brain-to-brain coupling: a mechanism for creating and sharing a social world. Trends in Cognitive Sciences, 2012, 16, 114-121.	4.0	841
42	Neurobiology of language: Highlights from the second annual meeting. Brain and Language, 2012, 122, 133-134.	0.8	0
43	Multiple sensitivity profiles to diversity and transition structure in non-stationary input. NeuroImage, 2012, 60, 991-1005.	2.1	33
44	Neural systems mediating recognition of changes in statistical regularities. NeuroImage, 2012, 63, 1730-1742.	2.1	36
45	Syntactic structure building in the anterior temporal lobe during natural story listening. Brain and Language, 2012, 120, 163-173.	0.8	190
46	Interpretation-mediated changes in neural activity during language comprehension. NeuroImage, 2011, 55, 1314-1323.	2.1	30
47	The relationship between BOLD signal and autonomic nervous system functions: implications for processing of â€œphysiological noiseâ€• Magnetic Resonance Imaging, 2011, 29, 1338-1345.	1.0	67
48	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using a Narrated Story. Journal of Neuroscience, 2011, 31, 2906-2915.	1.7	669
49	A Neuronal Basis for Task-Negative Responses in the Human Brain. Cerebral Cortex, 2011, 21, 821-830.	1.6	71
50	Multiple sources of competence underlying the comprehension of inconsistencies: A developmental investigation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 277-287.	0.7	34
51	Speakerâ€“listener neural coupling underlies successful communication. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14425-14430.	3.3	805
52	Outsourcing neuroimaging data analysis. Trends in Cognitive Sciences, 2010, 14, 2-4.	4.0	4
53	Task-dependent organization of brain regions active during rest. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10841-10846.	3.3	168
54	Coâ€speech gestures influence neural activity in brain regions associated with processing semantic information. Human Brain Mapping, 2009, 30, 3509-3526.	1.9	170

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55	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. International Journal of Psychophysiology, 2009, 73, 62-72.	0.5	9
56	Enhanced Intersubject Correlations during Movie Viewing Correlate with Successful Episodic Encoding. Neuron, 2008, 57, 452-462.	3.8	288
57	Improving the analysis, storage and sharing of neuroimaging data using relational databases and distributed computing. NeuroImage, 2008, 39, 693-706.	2.1	33
58	A Hierarchy of Temporal Receptive Windows in Human Cortex. Journal of Neuroscience, 2008, 28, 2539-2550.	1.7	702
59	Functional Magnetic Resonance Imaging (fMRI) Research of Language. , 2008, , 81-89.		5
60	Extrinsic and Intrinsic Systems in the Posterior Cortex of the Human Brain Revealed during Natural Sensory Stimulation. Cerebral Cortex, 2007, 17, 766-777.	1.6	327
61	Brain Networks Subserving the Extraction of Sentence Information and Its Encoding to Memory. Cerebral Cortex, 2007, 17, 2899-2913.	1.6	70
62	Abstract Coding of Audiovisual Speech: BeyondÂSensory Representation. Neuron, 2007, 56, 1116-1126.	3.8	113
63	Accelerating medical research using the swift workflow system. Studies in Health Technology and Informatics, 2007, 126, 207-16.	0.2	12
64	Does understanding negation entail affirmation?. Journal of Pragmatics, 2006, 38, 1015-1032.	0.8	176
65	Repetition Suppression for Spoken Sentences and the Effect of Task Demands. Journal of Cognitive Neuroscience, 2006, 18, 2013-2029.	1.1	57
66	Believe It or Not: On the Possibility of Suspending Belief. Psychological Science, 2005, 16, 566-571.	1.8	87
67	The Importance of Being Nonalignable: A Critical Test of the Structural Alignment Theory of Similarity.. Journal of Experimental Psychology: Learning Memory and Cognition, 2004, 30, 1082-1092.	0.7	10
68	Counterexamples in sentential reasoning. Memory and Cognition, 2003, 31, 1105-1113.	0.9	32