

Uri Hasson

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

7,564
citations

147801

31
h-index

118850

62
g-index

77
all docs

77
docs citations

77
times ranked

5590
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-to-brain coupling: a mechanism for creating and sharing a social world. <i>Trends in Cognitive Sciences</i> , 2012, 16, 114-121.	7.8	841
2	Speaker–listener neural coupling underlies successful communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14425-14430.	7.1	805
3	A Hierarchy of Temporal Receptive Windows in Human Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 2539-2550.	3.6	702
4	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using a Narrated Story. <i>Journal of Neuroscience</i> , 2011, 31, 2906-2915.	3.6	669
5	Discovering Event Structure in Continuous Narrative Perception and Memory. <i>Neuron</i> , 2017, 95, 709-721.e5.	8.1	566
6	Extrinsic and Intrinsic Systems in the Posterior Cortex of the Human Brain Revealed during Natural Sensory Stimulation. <i>Cerebral Cortex</i> , 2007, 17, 766-777.	2.9	327
7	The default mode network: where the idiosyncratic self meets the shared social world. <i>Nature Reviews Neuroscience</i> , 2021, 22, 181-192.	10.2	299
8	Enhanced Intersubject Correlations during Movie Viewing Correlate with Successful Episodic Encoding. <i>Neuron</i> , 2008, 57, 452-462.	8.1	288
9	Shared understanding of narratives is correlated with shared neural responses. <i>NeuroImage</i> , 2019, 184, 161-170.	4.2	214
10	Same Story, Different Story. <i>Psychological Science</i> , 2017, 28, 307-319.	3.3	212
11	Syntactic structure building in the anterior temporal lobe during natural story listening. <i>Brain and Language</i> , 2012, 120, 163-173.	1.6	190
12	Does understanding negation entail affirmation?. <i>Journal of Pragmatics</i> , 2006, 38, 1015-1032.	1.5	176
13	Co-speech gestures influence neural activity in brain regions associated with processing semantic information. <i>Human Brain Mapping</i> , 2009, 30, 3509-3526.	3.6	170
14	Task-dependent organization of brain regions active during rest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10841-10846.	7.1	168
15	Not Lost in Translation: Neural Responses Shared Across Languages. <i>Journal of Neuroscience</i> , 2012, 32, 15277-15283.	3.6	162
16	On the Same Wavelength: Predictable Language Enhances Speaker–Listener Brain-to-Brain Synchrony in Posterior Superior Temporal Gyrus. <i>Journal of Neuroscience</i> , 2014, 34, 6267-6272.	3.6	135
17	Shared computational principles for language processing in humans and deep language models. <i>Nature Neuroscience</i> , 2022, 25, 369-380.	14.8	116
18	Grounding the neurobiology of language in first principles: The necessity of non-language-centric explanations for language comprehension. <i>Cognition</i> , 2018, 180, 135-157.	2.2	115

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19	Abstract Coding of Audiovisual Speech: Beyond Sensory Representation. <i>Neuron</i> , 2007, 56, 1116-1126.	8.1	113
20	Believe It or Not: On the Possibility of Suspending Belief. <i>Psychological Science</i> , 2005, 16, 566-571.	3.3	87
21	Neural pattern change during encoding of a narrative predicts retrospective duration estimates. <i>ELife</i> , 2016, 5, .	6.0	77
22	A Neuronal Basis for Task-Negative Responses in the Human Brain. <i>Cerebral Cortex</i> , 2011, 21, 821-830.	2.9	71
23	Brain Networks Subserving the Extraction of Sentence Information and Its Encoding to Memory. <i>Cerebral Cortex</i> , 2007, 17, 2899-2913.	2.9	70
24	The relationship between BOLD signal and autonomic nervous system functions: implications for processing of physiological noise. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1338-1345.	1.8	67
25	The neurobiology of uncertainty: implications for statistical learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160048.	4.0	58
26	Repetition Suppression for Spoken Sentences and the Effect of Task Demands. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 2013-2029.	2.3	57
27	Uncertainty in visual and auditory series is coded by modality-general and modality-specific neural systems. <i>Human Brain Mapping</i> , 2014, 35, 1111-1128.	3.6	57
28	Contextual Alignment of Cognitive and Neural Dynamics. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 655-664.	2.3	54
29	Learning Naturalistic Temporal Structure in the Posterior Medial Network. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1345-1365.	2.3	51
30	The "Narratives" fMRI dataset for evaluating models of naturalistic language comprehension. <i>Scientific Data</i> , 2021, 8, 250.	5.3	50
31	Congenital blindness is associated with large-scale reorganization of anatomical networks. <i>NeuroImage</i> , 2016, 128, 362-372.	4.2	39
32	Neural systems mediating recognition of changes in statistical regularities. <i>NeuroImage</i> , 2012, 63, 1730-1742.	4.2	36
33	Multiple sources of competence underlying the comprehension of inconsistencies: A developmental investigation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2010, 36, 277-287.	0.9	34
34	Improving the analysis, storage and sharing of neuroimaging data using relational databases and distributed computing. <i>NeuroImage</i> , 2008, 39, 693-706.	4.2	33
35	Multiple sensitivity profiles to diversity and transition structure in non-stationary input. <i>NeuroImage</i> , 2012, 60, 991-1005.	4.2	33
36	Counterexamples in sentential reasoning. <i>Memory and Cognition</i> , 2003, 31, 1105-1113.	1.6	32

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37	Interpretation-mediated changes in neural activity during language comprehension. <i>NeuroImage</i> , 2011, 55, 1314-1323.	4.2	30
38	Brains of verbal memory specialists show anatomical differences in language, memory and visual systems. <i>NeuroImage</i> , 2016, 131, 181-192.	4.2	30
39	Global features of functional brain networks change with contextual disorder. <i>NeuroImage</i> , 2015, 117, 103-113.	4.2	26
40	Repeated movie viewings produce similar local activity patterns but different network configurations. <i>NeuroImage</i> , 2016, 142, 613-627.	4.2	24
41	Method for retrospective estimation of natural head movement during structural MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 927-937.	3.4	19
42	Predictability of what or where reduces brain activity, but a bottleneck occurs when both are predictable. <i>NeuroImage</i> , 2018, 167, 224-236.	4.2	19
43	Neural sensitivity to syllable frequency and mutual information in speech perception and production. <i>NeuroImage</i> , 2016, 136, 106-121.	4.2	18
44	Progression to deep sleep is characterized by changes to BOLD dynamics in sensory cortices. <i>NeuroImage</i> , 2016, 130, 293-305.	4.2	18
45	A combinatorial framework to quantify peak/pit asymmetries in complex dynamics. <i>Scientific Reports</i> , 2018, 8, 3557.	3.3	15
46	Functional and Developmental Significance of Amplitude Variance Asymmetry in the BOLD Resting-State Signal. <i>Cerebral Cortex</i> , 2014, 24, 1332-1350.	2.9	14
47	The Role of Working Memory in the Probabilistic Inference of Future Sensory Events. <i>Cerebral Cortex</i> , 2017, 27, bhw138.	2.9	14
48	Accelerating medical research using the swift workflow system. <i>Studies in Health Technology and Informatics</i> , 2007, 126, 207-16.	0.3	12
49	Connectivity in the human brain dissociates entropy and complexity of auditory inputs. <i>NeuroImage</i> , 2015, 108, 292-300.	4.2	11
50	The Importance of Being Nonalignable: A Critical Test of the Structural Alignment Theory of Similarity.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2004, 30, 1082-1092.	0.9	10
51	Differential lateralization of hippocampal connectivity reflects features of recent context and ongoing demands: An examination of immediate post-task activity. <i>Human Brain Mapping</i> , 2015, 36, 519-537.	3.6	10
52	Database-managed Grid-enabled analysis of neuroimaging data: The CNARI framework. <i>International Journal of Psychophysiology</i> , 2009, 73, 62-72.	1.0	9
53	Structural neuroplasticity of the superior temporal plane in early and late blindness. <i>Brain and Language</i> , 2017, 170, 71-81.	1.6	8
54	Visual cortex signals a mismatch between regularity of auditory and visual streams. <i>NeuroImage</i> , 2017, 157, 648-659.	4.2	8

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55	Spontaneous eye movements during eyes-open rest reduce resting-state-network modularity by increasing visual-sensorimotor connectivity. <i>Network Neuroscience</i> , 2021, 5, 451-476.	2.6	8
56	Task-induced deactivation in diverse brain systems correlates with interindividual differences in distinct autonomic indices. <i>Neuropsychologia</i> , 2018, 113, 29-42.	1.6	7
57	Predictions as a window into learning: Anticipatory fixation offsets carry more information about environmental statistics than reactive stimulus-responses. <i>Journal of Vision</i> , 2019, 19, 8.	0.3	7
58	What are naturalistic comprehension paradigms teaching us about language?. , 2015, , 228-255.		6
59	Functional Magnetic Resonance Imaging (fMRI) Research of Language. , 2008, , 81-89.		5
60	The Structural Correlates of Statistical Information Processing during Speech Perception. <i>PLoS ONE</i> , 2016, 11, e0149375.	2.5	5
61	Outsourcing neuroimaging data analysis. <i>Trends in Cognitive Sciences</i> , 2010, 14, 2-4.	7.8	4
62	Cross-modal searchlight classification: methodological challenges and recommended solutions. , 2016, , .		4
63	Cross-modal and non-monotonic representations of statistical regularity are encoded in local neural response patterns. <i>NeuroImage</i> , 2018, 173, 509-517.	4.2	3
64	Does it talk the talk? On the role of basal ganglia in emotive speech processing. <i>Behavioral and Brain Sciences</i> , 2014, 37, 556-557.	0.7	2
65	Semantically predictable input streams impede gaze-orientation to surprising locations. <i>Cortex</i> , 2021, 139, 222-239.	2.4	1
66	Neurobiology of language: Highlights from the second annual meeting. <i>Brain and Language</i> , 2012, 122, 133-134.	1.6	0
67	Magnitude of task-induced deactivation of insula and anterior cingulate cortex is related to inter-individual differences in RMSSD. , 2014, , .		0
68	Neurobiology of Statistical Information Processing in the Auditory Domain. , 2016, , 527-537.		0