Ian Charest

List of Publications by Year
in descending order

37 papers	1,677 citations	516710 16 h-index	610901 24 g-index
51 all docs	51 docs citations	51 times ranked	1931 citing authors

#	Article	IF	Citations
1	Retrieval induces adaptive forgetting of competing memories via cortical pattern suppression. Nature Neuroscience, 2015, 18, 582-589.	14.8	227
2	The human voice areas: Spatial organization and inter-individual variability in temporal and extra-temporal cortices. NeuroImage, 2015, 119, 164-174.	4.2	190
3	Unique semantic space in the brain of each beholder predicts perceived similarity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14565-14570.	7.1	139
4	Vocal Attractiveness Increases by Averaging. Current Biology, 2010, 20, 116-120.	3.9	138
5	A massive 7T fMRI dataset to bridge cognitive neuroscience and artificial intelligence. Nature Neuroscience, 2022, 25, 116-126.	14.8	129
6	Alpha/beta power decreases track the fidelity of stimulus-specific information. ELife, 2019, 8, .	6.0	104
7	Electrophysiological evidence for an early processing of human voices. BMC Neuroscience, 2009, 10, 127.	1.9	96
8	Impaired Emotional Facial Expression Decoding in Alcoholism is Also Present for Emotional Prosody and Body Postures. Alcohol and Alcoholism, 2009, 44, 476-485.	1.6	91
9	Human cerebral response to animal affective vocalizations. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 473-481.	2.6	87
10	People-selectivity, audiovisual integration and heteromodality in the superior temporal sulcus. Cortex, 2014, 50, 125-136.	2.4	82
11	Recurrent neural networks can explain flexible trading of speed and accuracy in biological vision. PLoS Computational Biology, 2020, 16, e1008215.	3.2	65
12	Cerebral Processing of Voice Gender Studied Using a Continuous Carryover fMRI Design. Cerebral Cortex, 2013, 23, 958-966.	2.9	48
13	The spatiotemporal neural dynamics underlying perceived similarity for real-world objects. NeuroImage, 2019, 194, 12-24.	4.2	48
14	Binge drinking influences the cerebral processing of vocal affective bursts in young adults. NeuroImage: Clinical, 2013, 3, 218-225.	2.7	41
15	The hippocampus as the switchboard between perception and memory. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
16	GLMdenoise improves multivariate pattern analysis of fMRI data. NeuroImage, 2018, 183, 606-616.	4.2	31
17	The brain of the beholder: honouring individual representational idiosyncrasies. Language, Cognition and Neuroscience, 2015, 30, 367-379.	1.2	21
18	Does sleep-dependent consolidation favour weak memories?. Cortex, 2021, 134, 65-75.	2.4	21

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19	Automatic domain-general processing of sound source identity in the left posterior middle frontal gyrus. Cortex, 2014, 58, 170-185.	2.4	15
20	Conscious perception of natural images is constrained by category-related visual features. Nature Communications, 2019, 10, 4106.	12.8	11
21	Clinically relevant autistic traits predict greater reliance on detail for image recognition. Scientific Reports, 2020, 10, 14239.	3.3	9
22	Audiovisual Integration of Face–Voice Gender Studied Using "Morphed Videos", 2013, , 135-148.		2
23	The two-faces of recognition ability: better face recognizers extract different physical content from left and right sides of face stimuli. Journal of Vision, 2019, 19, 136d.	0.3	2
24	Precise identification of semantic representations in the human brain. Journal of Vision, 2020, 20, 539.	0.3	2
25	Cochlea to categories: The spatiotemporal dynamics of semantic auditory representations. Cognitive Neuropsychology, 2021, 38, 468-489.	1.1	2
26	Multivariate pattern analysis reveals domain-general enhancement of visual representations in individuals with "super-recognition" of faces. Journal of Vision, 2020, 20, 502.	0.3	1
27	Characterizing the spatio-temporal dynamics of behavior-related neural activity during human visual object perception. Journal of Vision, 2017, 17, 1341.	0.3	1
28	The target similarity conundrum in rapid serial visual presentation. Journal of Vision, 2021, 21, 2793.	0.3	0
29	Decoding real-world visual recognition abilities in the human brain. Journal of Vision, 2021, 21, 2604.	0.3	0
30	Categorical differences in the conscious access to visual objects. Journal of Vision, 2017, 17, 964.	0.3	0
31	Revealing the temporal dynamics of individually unique object representations. Journal of Vision, 2017, 17, 1343.	0.3	0
32	Task-Dependent Information Compression in Face, Object and Scene Categorization. Journal of Vision, 2018, 18, 325.	0.3	0
33	Preferential use of local visual information in individuals with many autistic traits. Journal of Vision, 2018, 18, 406.	0.3	0
34	High-level interference and low-level priming in the Attentional Blink. Journal of Vision, 2019, 19, 17.	0.3	0
35	The spatio-temporal dynamics of personally-meaningful objects. Journal of Vision, 2019, 19, 113b.	0.3	0
36	Spatiotemporal neural representations in high-level visual cortex evoked from sounds. Journal of Vision, 2019, 19, 174.	0.3	0

#	Article	IF	Citations
37	Perceptual and conceptual representations of objects in the human brain. Journal of Vision, 2020, 20, 764.	0.3	0