

# Ian Charest

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4281810/publications.pdf>

Version: 2024-02-01

37  
papers

1,677  
citations

516561

16  
h-index

610775

24  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1931  
citing authors

#	ARTICLE	IF	CITATIONS
1	A massive 7T fMRI dataset to bridge cognitive neuroscience and artificial intelligence. <i>Nature Neuroscience</i> , 2022, 25, 116-126.	7.1	129
2	Does sleep-dependent consolidation favour weak memories?. <i>Cortex</i> , 2021, 134, 65-75.	1.1	21
3	The target similarity conundrum in rapid serial visual presentation. <i>Journal of Vision</i> , 2021, 21, 2793.	0.1	0
4	Decoding real-world visual recognition abilities in the human brain. <i>Journal of Vision</i> , 2021, 21, 2604.	0.1	0
5	The hippocampus as the switchboard between perception and memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
6	Cochlea to categories: The spatiotemporal dynamics of semantic auditory representations. <i>Cognitive Neuropsychology</i> , 2021, 38, 468-489.	0.4	2
7	Recurrent neural networks can explain flexible trading of speed and accuracy in biological vision. <i>PLoS Computational Biology</i> , 2020, 16, e1008215.	1.5	65
8	Clinically relevant autistic traits predict greater reliance on detail for image recognition. <i>Scientific Reports</i> , 2020, 10, 14239.	1.6	9
9	Multivariate pattern analysis reveals domain-general enhancement of visual representations in individuals with "super-recognition" of faces. <i>Journal of Vision</i> , 2020, 20, 502.	0.1	1
10	Precise identification of semantic representations in the human brain. <i>Journal of Vision</i> , 2020, 20, 539.	0.1	2
11	Perceptual and conceptual representations of objects in the human brain. <i>Journal of Vision</i> , 2020, 20, 764.	0.1	0
12	Conscious perception of natural images is constrained by category-related visual features. <i>Nature Communications</i> , 2019, 10, 4106.	5.8	11
13	The spatiotemporal neural dynamics underlying perceived similarity for real-world objects. <i>NeuroImage</i> , 2019, 194, 12-24.	2.1	48
14	Alpha/beta power decreases track the fidelity of stimulus-specific information. <i>ELife</i> , 2019, 8, .	2.8	104
15	The two-faces of recognition ability: better face recognizers extract different physical content from left and right sides of face stimuli. <i>Journal of Vision</i> , 2019, 19, 136d.	0.1	2
16	High-level interference and low-level priming in the Attentional Blink. <i>Journal of Vision</i> , 2019, 19, 17.	0.1	0
17	The spatio-temporal dynamics of personally-meaningful objects. <i>Journal of Vision</i> , 2019, 19, 113b.	0.1	0
18	Spatiotemporal neural representations in high-level visual cortex evoked from sounds. <i>Journal of Vision</i> , 2019, 19, 174.	0.1	0

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19	GLMdenoise improves multivariate pattern analysis of fMRI data. <i>NeuroImage</i> , 2018, 183, 606-616.	2.1	31
20	Task-Dependent Information Compression in Face, Object and Scene Categorization. <i>Journal of Vision</i> , 2018, 18, 325.	0.1	0
21	Preferential use of local visual information in individuals with many autistic traits. <i>Journal of Vision</i> , 2018, 18, 406.	0.1	0
22	Categorical differences in the conscious access to visual objects. <i>Journal of Vision</i> , 2017, 17, 964.	0.1	0
23	Characterizing the spatio-temporal dynamics of behavior-related neural activity during human visual object perception. <i>Journal of Vision</i> , 2017, 17, 1341.	0.1	1
24	Revealing the temporal dynamics of individually unique object representations. <i>Journal of Vision</i> , 2017, 17, 1343.	0.1	0
25	The brain of the beholder: honouring individual representational idiosyncrasies. <i>Language, Cognition and Neuroscience</i> , 2015, 30, 367-379.	0.7	21
26	The human voice areas: Spatial organization and inter-individual variability in temporal and extra-temporal cortices. <i>NeuroImage</i> , 2015, 119, 164-174.	2.1	190
27	Retrieval induces adaptive forgetting of competing memories via cortical pattern suppression. <i>Nature Neuroscience</i> , 2015, 18, 582-589.	7.1	227
28	Unique semantic space in the brain of each beholder predicts perceived similarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14565-14570.	3.3	139
29	Automatic domain-general processing of sound source identity in the left posterior middle frontal gyrus. <i>Cortex</i> , 2014, 58, 170-185.	1.1	15
30	People-selectivity, audiovisual integration and heteromodality in the superior temporal sulcus. <i>Cortex</i> , 2014, 50, 125-136.	1.1	82
31	Binge drinking influences the cerebral processing of vocal affective bursts in young adults. <i>NeuroImage: Clinical</i> , 2013, 3, 218-225.	1.4	41
32	Cerebral Processing of Voice Gender Studied Using a Continuous Carryover fMRI Design. <i>Cerebral Cortex</i> , 2013, 23, 958-966.	1.6	48
33	Audiovisual Integration of Face and Voice Gender Studied Using Morphed Videos, 2013, , 135-148.		2
34	Vocal Attractiveness Increases by Averaging. <i>Current Biology</i> , 2010, 20, 116-120.	1.8	138
35	Impaired Emotional Facial Expression Decoding in Alcoholism is Also Present for Emotional Prosody and Body Postures. <i>Alcohol and Alcoholism</i> , 2009, 44, 476-485.	0.9	91
36	Electrophysiological evidence for an early processing of human voices. <i>BMC Neuroscience</i> , 2009, 10, 127.	0.8	96

#	ARTICLE	IF	CITATIONS
37	Human cerebral response to animal affective vocalizations. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 473-481.	1.2	87