

Frédéric Gosselin

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

6,690
citations

126907

33
h-index

138484

58
g-index

69
all docs

69
docs citations

69
times ranked

5216
citing authors

#	ARTICLE	IF	CITATIONS
1	A mechanism for impaired fear recognition after amygdala damage. <i>Nature</i> , 2005, 433, 68-72.	27.8	1,193
2	Controlling low-level image properties: The SHINE toolbox. <i>Behavior Research Methods</i> , 2010, 42, 671-684.	4.0	819
3	Bubbles: a technique to reveal the use of information in recognition tasks. <i>Vision Research</i> , 2001, 41, 2261-2271.	1.4	588
4	Transmitting and Decoding Facial Expressions. <i>Psychological Science</i> , 2005, 16, 184-189.	3.3	585
5	Show Me the Features! Understanding Recognition From the Use of Visual Information. <i>Psychological Science</i> , 2002, 13, 402-409.	3.3	410
6	The Montreal Affective Voices: A validated set of nonverbal affect bursts for research on auditory affective processing. <i>Behavior Research Methods</i> , 2008, 40, 531-539.	4.0	350
7	Audio-visual integration of emotion expression. <i>Brain Research</i> , 2008, 1242, 126-135.	2.2	267
8	Recognition and discrimination of prototypical dynamic expressions of pain and emotions. <i>Pain</i> , 2008, 135, 55-64.	4.2	203
9	Does Prosopagnosia Take the Eyes Out of Face Representations? Evidence for a Defect in Representing Diagnostic Facial Information following Brain Damage. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1652-1666.	2.3	174
10	Accurate statistical tests for smooth classification images. <i>Journal of Vision</i> , 2005, 5, 1.	0.3	162
11	Superstitious Perceptions Reveal Properties of Internal Representations. <i>Psychological Science</i> , 2003, 14, 505-509.	3.3	161
12	The eyes are not the window to basic emotions. <i>Neuropsychologia</i> , 2012, 50, 2830-2838.	1.6	137
13	Features for Identification of Uppercase and Lowercase Letters. <i>Psychological Science</i> , 2008, 19, 1161-1168.	3.3	93
14	A principled method for determining the functionality of brain responses. <i>NeuroReport</i> , 2003, 14, 1665-1669.	1.2	87
15	Receptive Fields for Flexible Face Categorizations. <i>Psychological Science</i> , 2004, 15, 753-761.	3.3	84
16	Measuring Internal Representations from Behavioral and Brain Data. <i>Current Biology</i> , 2012, 22, 191-196.	3.9	76
17	Perceptual moments of conscious visual experience inferred from oscillatory brain activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5626-5631.	7.1	66
18	Does face inversion change spatial frequency tuning?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 122-135.	0.9	66

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19	Greater reliance on the eye region predicts better face recognition ability. <i>Cognition</i> , 2018, 181, 12-20.	2.2	64
20	Uncovering gender discrimination cues in a realistic setting. <i>Journal of Vision</i> , 2009, 9, 10-10.	0.3	56
21	How Do Schizophrenia Patients Use Visual Information to Decode Facial Emotion?. <i>Schizophrenia Bulletin</i> , 2011, 37, 1001-1008.	4.3	55
22	Nonaccidental Properties Underlie Shape Recognition in Mammalian and Nonmammalian Vision. <i>Current Biology</i> , 2007, 17, 336-340.	3.9	54
23	The use of visual information in natural scenes. <i>Visual Cognition</i> , 2005, 12, 938-953.	1.6	53
24	RAP: a new framework for visual categorization. <i>Trends in Cognitive Sciences</i> , 2002, 6, 70-77.	7.8	50
25	Information processing algorithms in the brain. <i>Trends in Cognitive Sciences</i> , 2009, 13, 20-26.	7.8	50
26	Use of Face Information Varies Systematically From Developmental Prosopagnosics to Super-Recognizers. <i>Psychological Science</i> , 2019, 30, 300-308.	3.3	49
27	Applying Bubbles to Localize Features That Control Pigeons' Visual Discrimination Behavior.. <i>Journal of Experimental Psychology</i> , 2005, 31, 376-382.	1.7	48
28	The spatio-temporal dynamics of visual letter recognition. <i>Cognitive Neuropsychology</i> , 2009, 26, 23-35.	1.1	46
29	Recognizing famous people. <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 1444-1449.	1.3	45
30	Why do we SLIP to the basic level? Computational constraints and their implementation.. <i>Psychological Review</i> , 2001, 108, 735-758.	3.8	42
31	Spatio-temporal dynamics of face recognition in a flash: it's in the eyes. <i>Cognitive Science</i> , 2004, 28, 289-301.	1.7	40
32	From a face to its category via a few information processing states in the brain. <i>NeuroImage</i> , 2007, 37, 974-984.	4.2	37
33	No troubles with bubbles: a reply to Murray and Gold. <i>Vision Research</i> , 2004, 44, 471-477.	1.4	35
34	Inducing Letter-by-letter Dyslexia in Normal Readers. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1466-1476.	2.3	35
35	Spatial Frequency Tuning during the Conscious and Non-Conscious Perception of Emotional Facial Expressions " An Intracranial ERP Study. <i>Frontiers in Psychology</i> , 2012, 3, 237.	2.1	34
36	Understanding Dali's Slave Market with the Disappearing Bust of Voltaire: A Case Study in the Scale Information Driving Perception. <i>Perception</i> , 2002, 31, 683-691.	1.2	33

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37	Reading between Eye Saccades. PLoS ONE, 2009, 4, e6448.	2.5	32
38	Reading laterally: The cerebral hemispheric use of spatial frequencies in visual word recognition. Journal of Vision, 2013, 13, 4-4.	0.3	30
39	Early selection of diagnostic facial information in the human visual cortex. Vision Research, 2006, 46, 800-813.	1.4	28
40	Orientations for the successful categorization of facial expressions and their link with facial features. Journal of Vision, 2017, 17, 7.	0.3	23
41	Aberrant patterns of visual facial information usage in schizophrenia.. Journal of Abnormal Psychology, 2013, 122, 513-519.	1.9	21
42	When less is more: Impact of face processing ability on recognition of visually degraded faces.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 1179-1183.	0.9	21
43	Reverse correlating trustworthy faces in young and older adults. Frontiers in Psychology, 2013, 4, 592.	2.1	20
44	Classification images reveal the information sensitivity of brain voxels in fMRI. NeuroImage, 2008, 40, 1643-1654.	4.2	19
45	Atypical Time Course of Object Recognition in Autism Spectrum Disorder. Scientific Reports, 2016, 6, 35494.	3.3	18
46	All new kids on the block? Impaired holistic processing of personally familiar faces in a kindergarten teacher with acquired prosopagnosia. Visual Cognition, 2016, 24, 321-355.	1.6	17
47	Using "Bubbles" with babies: A new technique for investigating the informational basis of infant perception. , 2006, 29, 471-475.		16
48	Comparing a novel model based on the transferable belief model with humans during the recognition of partially occluded facial expressions. Journal of Vision, 2009, 9, 22-22.	0.3	15
49	Asymmetrical use of eye information from faces following unilateral amygdala damage. Social Cognitive and Affective Neuroscience, 2011, 6, 330-337.	3.0	13
50	A picture is worth thousands of trials: rendering the use of visual information from spiking neurons to recognition. Cognitive Science, 2004, 28, 141-146.	1.7	12
51	Efficient bubbles for visual categorization tasks. Vision Research, 2011, 51, 1318-1323.	1.4	12
52	The influence of natural contour and face size on the spatial frequency tuning for identifying upright and inverted faces. Psychological Research, 2017, 81, 13-23.	1.7	10
53	Disentangling presentation and processing times in the brain. NeuroImage, 2020, 218, 116994.	4.2	8
54	A Refined Examination of the Facial Cues Contributing to Vicarious Effects on Self-Pain and Spinal Responses. Journal of Pain, 2013, 14, 1475-1484.	1.4	7

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55	Abnormal visual representations associated with confusion of perceived facial expression in schizophrenia with social anxiety disorder. NPJ Schizophrenia, 2020, 6, 28.	3.6	4
56	Paper features: A neglected source of information for letter recognition. Journal of Vision, 2014, 14, 11-11.	0.3	3
57	Flexible time course of spatial frequency use during scene categorization. Scientific Reports, 2021, 11, 14079.	3.3	3
58	Object expectations alter information use during visual recognition. Cognition, 2021, 214, 104803.	2.2	3
59	CATEGORIZATION OF OBJECTS, SCENES, AND FACES THROUGH TIME. , 2005, , 767-791.		3
60	The Time Course of Object, Scene, and Face Categorization. , 2017, , 905-930.		1
61	Comparing a Transferable Belief Model Capable of Recognizing Facial Expressions with the Latest Human Data. , 2007, , 509-520.		1
62	Diagnostic Features for Human Categorisation of Adult and Child Faces. Frontiers in Psychology, 2021, 12, 775338.	2.1	1
63	Development of the contrast sensitivity function. Journal of Vision, 2018, 18, 778.	0.3	0
64	Coarse information drives confusion of perceived emotion in schizophrenia. Journal of Vision, 2018, 18, 924.	0.3	0
65	Information sampling and processing during visual recognition. Journal of Vision, 2018, 18, 718.	0.3	0
66	Low-level object properties impact memory reconsolidation. Journal of Vision, 2019, 19, 39a.	0.3	0