

# 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	Flexible time course of spatial frequency use during scene categorization. <i>Scientific Reports</i> , 2021, 11, 14079.	3.3	3
2	Object expectations alter information use during visual recognition. <i>Cognition</i> , 2021, 214, 104803.	2.2	3
3	Diagnostic Features for Human Categorisation of Adult and Child Faces. <i>Frontiers in Psychology</i> , 2021, 12, 775338.	2.1	1
4	Abnormal visual representations associated with confusion of perceived facial expression in schizophrenia with social anxiety disorder. <i>NPJ Schizophrenia</i> , 2020, 6, 28.	3.6	4
5	Disentangling presentation and processing times in the brain. <i>NeuroImage</i> , 2020, 218, 116994.	4.2	8
6	Use of Face Information Varies Systematically From Developmental Prosopagnosics to Super-Recognizers. <i>Psychological Science</i> , 2019, 30, 300-308.	3.3	49
7	Low-level object properties impact memory reconsolidation. <i>Journal of Vision</i> , 2019, 19, 39a.	0.3	0
8	Greater reliance on the eye region predicts better face recognition ability. <i>Cognition</i> , 2018, 181, 12-20.	2.2	64
9	Development of the contrast sensitivity function. <i>Journal of Vision</i> , 2018, 18, 778.	0.3	0
10	Coarse information drives confusion of perceived emotion in schizophrenia. <i>Journal of Vision</i> , 2018, 18, 924.	0.3	0
11	Information sampling and processing during visual recognition. <i>Journal of Vision</i> , 2018, 18, 718.	0.3	0
12	The influence of natural contour and face size on the spatial frequency tuning for identifying upright and inverted faces. <i>Psychological Research</i> , 2017, 81, 13-23.	1.7	10
13	Orientations for the successful categorization of facial expressions and their link with facial features. <i>Journal of Vision</i> , 2017, 17, 7.	0.3	23
14	The Time Course of Object, Scene, and Face Categorization. , 2017, , 905-930.		1
15	All new kids on the block? Impaired holistic processing of personally familiar faces in a kindergarten teacher with acquired prosopagnosia. <i>Visual Cognition</i> , 2016, 24, 321-355.	1.6	17
16	Atypical Time Course of Object Recognition in Autism Spectrum Disorder. <i>Scientific Reports</i> , 2016, 6, 35494.	3.3	18
17	When less is more: Impact of face processing ability on recognition of visually degraded faces.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 1179-1183.	0.9	21
18	Paper features: A neglected source of information for letter recognition. <i>Journal of Vision</i> , 2014, 14, 11-11.	0.3	3

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19	A Refined Examination of the Facial Cues Contributing to Vicarious Effects on Self-Pain and Spinal Responses. <i>Journal of Pain</i> , 2013, 14, 1475-1484.	1.4	7
20	Aberrant patterns of visual facial information usage in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2013, 122, 513-519.	1.9	21
21	Reading laterally: The cerebral hemispheric use of spatial frequencies in visual word recognition. <i>Journal of Vision</i> , 2013, 13, 4-4.	0.3	30
22	Reverse correlating trustworthy faces in young and older adults. <i>Frontiers in Psychology</i> , 2013, 4, 592.	2.1	20
23	The eyes are not the window to basic emotions. <i>Neuropsychologia</i> , 2012, 50, 2830-2838.	1.6	137
24	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
25	Measuring Internal Representations from Behavioral and Brain Data. <i>Current Biology</i> , 2012, 22, 191-196.	3.9	76
26	Efficient bubbles for visual categorization tasks. <i>Vision Research</i> , 2011, 51, 1318-1323.	1.4	12
27	How Do Schizophrenia Patients Use Visual Information to Decode Facial Emotion?. <i>Schizophrenia Bulletin</i> , 2011, 37, 1001-1008.	4.3	55
28	Asymmetrical use of eye information from faces following unilateral amygdala damage. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 330-337.	3.0	13
29	Recognizing famous people. <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 1444-1449.	1.3	45
30	Controlling low-level image properties: The SHINE toolbox. <i>Behavior Research Methods</i> , 2010, 42, 671-684.	4.0	819
31	Does face inversion change spatial frequency tuning?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 122-135.	0.9	66
32	Reading between Eye Saccades. <i>PLoS ONE</i> , 2009, 4, e6448.	2.5	32
33	The spatio-temporal dynamics of visual letter recognition. <i>Cognitive Neuropsychology</i> , 2009, 26, 23-35.	1.1	46
34	Comparing a novel model based on the transferable belief model with humans during the recognition of partially occluded facial expressions. <i>Journal of Vision</i> , 2009, 9, 22-22.	0.3	15
35	Uncovering gender discrimination cues in a realistic setting. <i>Journal of Vision</i> , 2009, 9, 10-10.	0.3	56
36	Information processing algorithms in the brain. <i>Trends in Cognitive Sciences</i> , 2009, 13, 20-26.	7.8	50

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37	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
38	Audio-visual integration of emotion expression. <i>Brain Research</i> , 2008, 1242, 126-135.	2.2	267
39	Recognition and discrimination of prototypical dynamic expressions of pain and emotions. <i>Pain</i> , 2008, 135, 55-64.	4.2	203
40	Classification images reveal the information sensitivity of brain voxels in fMRI. <i>NeuroImage</i> , 2008, 40, 1643-1654.	4.2	19
41	Features for Identification of Uppercase and Lowercase Letters. <i>Psychological Science</i> , 2008, 19, 1161-1168.	3.3	93
42	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
43	Nonaccidental Properties Underlie Shape Recognition in Mammalian and Nonmammalian Vision. <i>Current Biology</i> , 2007, 17, 336-340.	3.9	54
44	Comparing a Transferable Belief Model Capable of Recognizing Facial Expressions with the Latest Human Data. , 2007, , 509-520.		1
45	Early selection of diagnostic facial information in the human visual cortex. <i>Vision Research</i> , 2006, 46, 800-813.	1.4	28
46	Using "Bubbles" with babies: A new technique for investigating the informational basis of infant perception. , 2006, 29, 471-475.		16
47	Inducing Letter-by-letter Dyslexia in Normal Readers. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1466-1476.	2.3	35
48	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
49	A mechanism for impaired fear recognition after amygdala damage. <i>Nature</i> , 2005, 433, 68-72.	27.8	1,193
50	Accurate statistical tests for smooth classification images. <i>Journal of Vision</i> , 2005, 5, 1.	0.3	162
51	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
52	Transmitting and Decoding Facial Expressions. <i>Psychological Science</i> , 2005, 16, 184-189.	3.3	585
53	The use of visual information in natural scenes. <i>Visual Cognition</i> , 2005, 12, 938-953.	1.6	53
54	Applying Bubbles to Localize Features That Control Pigeons' Visual Discrimination Behavior.. <i>Journal of Experimental Psychology</i> , 2005, 31, 376-382.	1.7	48

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55	CATEGORIZATION OF OBJECTS, SCENES, AND FACES THROUGH TIME. , 2005, , 767-791.		3
56	Receptive Fields for Flexible Face Categorizations. Psychological Science, 2004, 15, 753-761.	3.3	84
57	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
58	Spatio-temporal dynamics of face recognition in a flash: it's in the eyes. Cognitive Science, 2004, 28, 289-301.	1.7	40
59	No troubles with bubbles: a reply to Murray and Gold. Vision Research, 2004, 44, 471-477.	1.4	35
60	Superstitious Perceptions Reveal Properties of Internal Representations. Psychological Science, 2003, 14, 505-509.	3.3	161
61	A principled method for determining the functionality of brain responses. NeuroReport, 2003, 14, 1665-1669.	1.2	87
62	Show Me the Features! Understanding Recognition From the Use of Visual Information. Psychological Science, 2002, 13, 402-409.	3.3	410
63	Understanding Dali's Slave Market with the Disappearing Bust of Voltaire: A Case Study in the Scale Information Driving Perception. Perception, 2002, 31, 683-691.	1.2	33
64	RAP: a new framework for visual categorization. Trends in Cognitive Sciences, 2002, 6, 70-77.	7.8	50
65	Bubbles: a technique to reveal the use of information in recognition tasks. Vision Research, 2001, 41, 2261-2271.	1.4	588
66	Why do we SLIP to the basic level? Computational constraints and their implementation.. Psychological Review, 2001, 108, 735-758.	3.8	42