

Michael J Tarr

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

7,767
citations

172386

29
h-index

233338

45
g-index

54
all docs

54
docs citations

54
times ranked

4088
citing authors

#	ARTICLE	IF	CITATIONS
1	The relative contributions of visual and semantic information in the neural representation of object categories. <i>Brain and Behavior</i> , 2019, 9, e01373.	1.0	5
2	Exploring spatiotemporal neural dynamics of the human visual cortex. <i>Human Brain Mapping</i> , 2019, 40, 4213-4238.	1.9	10
3	BOLD5000, a public fMRI dataset while viewing 5000 visual images. <i>Scientific Data</i> , 2019, 6, 49.	2.4	82
4	Learning intermediate features of affordances with a convolutional neural network. <i>Journal of Vision</i> , 2018, 18, 1267.	0.1	1
5	Scaling Up Neural Datasets: A public fMRI dataset of 5000 scenes. <i>Journal of Vision</i> , 2018, 18, 732.	0.1	1
6	The concurrent encoding of viewpoint-invariant and viewpoint-dependent information in visual object recognition. <i>Visual Cognition</i> , 2017, 25, 100-121.	0.9	7
7	Very high density EEG elucidates spatiotemporal aspects of early visual processing. <i>Scientific Reports</i> , 2017, 7, 16248.	1.6	48
8	Exploring the spatio-temporal neural basis of face learning. <i>Journal of Vision</i> , 2017, 17, 1.	0.1	2
9	Awake, Offline Processing during Associative Learning. <i>PLoS ONE</i> , 2016, 11, e0127522.	1.1	9
10	Visual Object Recognition: Do We (Finally) Know More Now Than We Did?. <i>Annual Review of Vision Science</i> , 2016, 2, 377-396.	2.3	57
11	A method for real-time visual stimulus selection in the study of cortical object perception. <i>NeuroImage</i> , 2016, 133, 529-548.	2.1	3
12	Applying artificial vision models to human scene understanding. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 8.	1.2	5
13	Associative Processing Is Inherent in Scene Perception. <i>PLoS ONE</i> , 2015, 10, e0128840.	1.1	34
14	Exploration of complex visual feature spaces for object perception. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 106.	1.2	6
15	Perception Isn't So Simple. <i>Psychological Science</i> , 2013, 24, 1069-1070.	1.8	23
16	Comparing visual representations across human fMRI and computational vision. <i>Journal of Vision</i> , 2013, 13, 25-25.	0.1	28
17	Explicating the Face Perception Network with White Matter Connectivity. <i>PLoS ONE</i> , 2013, 8, e61611.	1.1	124
18	Recognizing disguised faces. <i>Visual Cognition</i> , 2012, 20, 143-169.	0.9	84

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19	Does acquisition of Greeble expertise in prosopagnosia rule out a domain-general deficit?. <i>Neuropsychologia</i> , 2012, 50, 289-304.	0.7	42
20	Visual learning of statistical relations among nonadjacent features: Evidence for structural encoding. <i>Visual Cognition</i> , 2011, 19, 469-482.	0.9	23
21	Perceptual Expertise Effects Are Not All or None: Spatially Limited Perceptual Expertise for Faces in a Case of Prosopagnosia. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 48-63.	1.1	90
22	Beyond faces and modularity: the power of an expertise framework. <i>Trends in Cognitive Sciences</i> , 2006, 10, 159-166.	4.0	287
23	Behavioral Change and Its Neural Correlates in Visual Agnosia After Expertise Training. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 554-568.	1.1	61
24	Visual expertise with nonface objects leads to competition with the early perceptual processing of faces in the human occipitotemporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14521-14526.	3.3	138
25	Unraveling mechanisms for expert object recognition: Bridging brain activity and behavior.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 431-446.	0.7	346
26	BOLD Activity during Mental Rotation and Viewpoint-Dependent Object Recognition. <i>Neuron</i> , 2002, 34, 161-171.	3.8	180
27	Unraveling mechanisms for expert object recognition: Bridging brain activity and behavior.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 431-446.	0.7	205
28	What defines a view?. <i>Vision Research</i> , 2001, 41, 1981-2004.	0.7	45
29	The Fusiform "Face Area" is Part of a Network that Processes Faces at the Individual Level. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 495-504.	1.1	775
30	Differing views on views: comments on Biederman and Bar (1999). <i>Vision Research</i> , 2000, 40, 3895-3899.	0.7	22
31	Activation of the middle fusiform 'face area' increases with expertise in recognizing novel objects. <i>Nature Neuroscience</i> , 1999, 2, 568-573.	7.1	1,049
32	Can Face Recognition Really be Dissociated from Object Recognition?. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 349-370.	1.1	290
33	Recognizing Silhouettes and Shaded Images across Depth Rotation. <i>Perception</i> , 1999, 28, 1197-1215.	0.5	25
34	Three-dimensional object recognition is viewpoint dependent. <i>Nature Neuroscience</i> , 1998, 1, 275-277.	7.1	254
35	Do viewpoint-dependent mechanisms generalize across members of a class?. <i>Cognition</i> , 1998, 67, 73-110.	1.1	55
36	Training "greeble" experts: a framework for studying expert object recognition processes. <i>Vision Research</i> , 1998, 38, 2401-2428.	0.7	328

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37	Why the visual recognition system might encode the effects of illumination. <i>Vision Research</i> , 1998, 38, 2259-2275.	0.7	76
38	To What Extent Do Unique Parts Influence Recognition Across Changes in Viewpoint?. <i>Psychological Science</i> , 1997, 8, 282-289.	1.8	147
39	Testing conditions for viewpoint invariance in object recognition.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1997, 23, 1511-1521.	0.7	90
40	Becoming a "Greeble" Expert: Exploring Mechanisms for Face Recognition. <i>Vision Research</i> , 1997, 37, 1673-1682.	0.7	891
41	Is human object recognition better described by geon structural descriptions or by multiple views? Comment on Biederman and Gerhardstein (1993).. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995, 21, 1494-1505.	0.7	322
42	Rotating objects to recognize them: A case study on the role of viewpoint dependency in the recognition of three-dimensional objects. <i>Psychonomic Bulletin and Review</i> , 1995, 2, 55-82.	1.4	430
43	From perception to cognition. <i>Behavioral and Brain Sciences</i> , 1993, 16, 251-252.	0.4	2
44	IS A PICTURE REALLY WORTH A THOUSAND WORDS?. <i>Computational Intelligence</i> , 1993, 9, 356-359.	2.1	0
45	When does Human Object Recognition use a Viewer-Centered Reference Frame?. <i>Psychological Science</i> , 1990, 1, 253-256.	1.8	196
46	The Mind's Eye: <i>Principles of Mental Imagery</i> . Ronald A. Finke. Mit Press, Cambridge, MA, 1990. x, 179 pp., illus. \$19.95; <i>Mental Imagery</i> . On the Limits of Cognitive Science. Mark Rollins. Yale University Press, New Haven, CT, 1989. xx, 170 pp. \$21.50.. <i>Science</i> , 1990, 249, 685-685.	6.0	0
47	Mental rotation and orientation-dependence in shape recognition. <i>Cognitive Psychology</i> , 1989, 21, 233-282.	0.9	794
48	Visual Perception II: High-Level Vision. , 0, , 48-70.		2