James W Tanaka

List of Publications by Year
in descending order

104 papers	13,047 citations	61984 43 h-index	39675 94 g-index
105 all docs	105 docs citations	105 times ranked	8719 citing authors

#	Article	IF	Citations
1	The NimStim set of facial expressions: Judgments from untrained research participants. Psychiatry Research, 2009, 168, 242-249.	3.3	2,767
2	Parts and Wholes in Face Recognition. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1993, 46, 225-245.	2.3	1,752
3	Controlling low-level image properties: The SHINE toolbox. Behavior Research Methods, 2010, 42, 671-684.	4.0	819
4	Object categories and expertise: Is the basic level in the eye of the beholder?. Cognitive Psychology, 1991, 23, 457-482.	2.2	651
5	Features and their configuration in face recognition. Memory and Cognition, 1997, 25, 583-592.	1.6	499
6	A Neural Basis for Expert Object Recognition. Psychological Science, 2001, 12, 43-47.	3.3	429
7	A holistic account of the own-race effect in face recognition: evidence from a cross-cultural study. Cognition, 2004, 93, B1-B9.	2.2	394
8	Training â€˜greebleâ€™ experts: a framework for studying expert object recognition processes. Vision Research, 1998, 38, 2401-2428.	1.4	328
9	Activation of Preexisting and Acquired Face Representations: The N250 Event-related Potential as an Index of Face Familiarity. Journal of Cognitive Neuroscience, 2006, 18, 1488-1497.	2.3	327
10	Holistic and part-based face recognition in children with autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2003, 44, 529-542.	5.2	308
11	Using computerized games to teach face recognition skills to children with autism spectrum disorder: the Letâ€™s Face It! program. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2010, 51, 944-952.	5.2	263
12	Color diagnosticity in object recognition. Perception & Psychophysics, 1999, 61, 1140-1153.	2.3	219
13	The entry point of face recognition: Evidence for face expertise.. Journal of Experimental Psychology: General, 2001, 130, 534-543.	2.1	218
14	The â€œEye Avoidanceâ€•Hypothesis of Autism Face Processing. Journal of Autism and Developmental Disorders, 2016, 46, 1538-1552.	2.7	216
15	A Reevaluation of the Electrophysiological Correlates of Expert Object Processing. Journal of Cognitive Neuroscience, 2006, 18, 1453-1465.	2.3	181
16	Face Recognition in Young Children: When the Whole is Greater than the Sum of Its Parts. Visual Cognition, 1998, 5, 479-496.	1.6	172
17	The neural plasticity of other-race face recognition. Cognitive, Affective and Behavioral Neuroscience, 2009, 9, 122-131.	2.0	170
18	Perceptual Training Prevents the Emergence of the Other Race Effect during Infancy. PLoS ONE, 2011, 6, e19858.	2.5	158

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19	Perceptual Other-Race Training Reduces Implicit Racial Bias. PLoS ONE, 2009, 4, e4215.	2.5	149
20	An Encoding Advantage for Own-Race versus Other-Race Faces. Perception, 2003, 32, 1117-1125.	1.2	147
21	The Training and Transfer of Real-World Perceptual Expertise. Psychological Science, 2005, 16, 145-151.	3.3	142
22	Brief daily exposures to Asian females reverses perceptual narrowing for Asian faces in Caucasian infants. Journal of Experimental Child Psychology, 2012, 112, 484-495.	1.4	132
23	Specific impairment of faceâ€processing abilities in children with autism spectrum disorder using the Let's Face It! skills battery. Autism Research, 2008, 1, 329-340.	3.8	131
24	Why does selective attention to parts fail in face processing?. Journal of Experimental Psychology: Learning Memory and Cognition, 2008, 34, 1356-1368.	0.9	120
25	The â€œParts and Wholesâ€•of Face Recognition: A Review of the Literature. Quarterly Journal of Experimental Psychology, 2016, 69, 1876-1889.	1.1	106
26	Developmental Origins of the Other-Race Effect. Current Directions in Psychological Science, 2013, 22, 173-178.	5.3	103
27	Expertise in Object and Face Recognition. Psychology of Learning and Motivation - Advances in Research and Theory, 1997, , 83-125.	1.1	102
28	The role of category learning in the acquisition and retention of perceptual expertise: A behavioral and neurophysiological study. Brain Research, 2008, 1210, 204-215.	2.2	99
29	Processes Underlying the Cross-Race Effect: An Investigation of Holistic, Featural, and Relational Processing of Own-Race versus Other-Race Faces. Perception, 2010, 39, 1065-1085.	1.2	93
30	Tracking the time course of object categorization using event-related potentials. NeuroReport, 1999, 10, 829-835.	1.2	89
31	Development of face processing. Wiley Interdisciplinary Reviews: Cognitive Science, 2011, 2, 666-675.	2.8	89
32	Learning to Become an Expert: Reinforcement Learning and the Acquisition of Perceptual Expertise. Journal of Cognitive Neuroscience, 2009, 21, 1833-1840.	2.3	80
33	Mixed emotions: Holistic and analytic perception of facial expressions. Cognition and Emotion, 2012, 26, 961-977.	2.0	74
34	The perception and identification of facial emotions in individuals with autism spectrum disorders using the Letâ€™s Face It! Emotion Skills Battery. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 1259-1267.	5.2	71
35	Contact and otherâ€race effects in configural and component processing of faces. British Journal of Psychology, 2009, 100, 717-728.	2.3	68
36	Race-Specific Perceptual Discrimination Improvement Following Short Individuation Training With Faces. Cognitive Science, 2011, 35, 330-347.	1.7	62

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37	The N250 Brain Potential to Personally Familiar and Newly Learned Faces and Objects. Frontiers in Human Neuroscience, 2011, 5, 111.	2.0	58
38	Narrowing in categorical responding to otherâ€race face classes by infants. Developmental Science, 2016, 19, 362-371.	2.4	58
39	The Otherâ€Race Effect in Infancy: Evidence Using a Morphing Technique. Infancy, 2007, 12, 95-104.	1.6	57
40	Features, Configuration, and Holistic Face Processing. , 2011, , .		56
41	The neural correlates of memory encoding and recognition for own-race and other-race faces. Neuropsychologia, 2011, 49, 3103-3115.	1.6	54
42	Preservation of mouth region processing in two cases of prosopagnosia. Journal of Neuropsychology, 2008, 2, 227-244.	1.4	52
43	Perceptual expertise and the plasticity of other-race face recognition. Visual Cognition, 2013, 21, 1183-1201.	1.6	49
44	Face Gender Influences the Looking Preference for Smiling Expressions in 3.5-Month-Old Human Infants. PLoS ONE, 2015, 10, e0129812.	2.5	48
45	Individuation training with otherâ€race faces reduces preschoolersâ€™ implicit racial bias: a link between perceptual and social representation of faces in children. Developmental Science, 2015, 18, 655-663.	2.4	47
46	Training Facial Expression Production in Children on the Autism Spectrum. Journal of Autism and Developmental Disorders, 2014, 44, 2486-2498.	2.7	46
47	Individual Differences in Face Identity Processing with Fast Periodic Visual Stimulation. Journal of Cognitive Neuroscience, 2017, 29, 1368-1377.	2.3	46
48	Typicality effects in face and object perception: Further evidence for the attractor field model. Perception & Psychophysics, 2007, 69, 619-627.	2.3	37
49	Does perceived race affect discrimination and recognition of ambiguous-race faces? A test of the sociocognitive hypothesis.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 217-223.	0.9	37
50	Infants' Processing of Featural and Configural Information in the Upper and Lower Halves of the Face. Infancy, 2009, 14, 474-487.	1.6	36
51	A Reciprocal Model of Face Recognition and Autistic Traits: Evidence from an Individual Differences Perspective. PLoS ONE, 2014, 9, e94013.	2.5	36
52	Is the loss of diagnosticity of the eye region of the face a common aspect of acquired prosopagnosia?. Journal of Neuropsychology, 2009, 3, 69-78.	1.4	33
53	Does face inversion qualitatively change face processing: An eye movement study using a face change detection task. Journal of Vision, 2013, 13, 22-22.	0.3	33
54	Independent component analysis and clustering improve signal-to-noise ratio for statistical analysis of event-related potentials. Clinical Neurophysiology, 2007, 118, 2591-2604.	1.5	30

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55	What can topology changes in the oddball N2 reveal about underlying processes?. NeuroReport, 2011, 22, 870-874.	1.2	27
56	Losing face: impaired discrimination of featural and configural information in the mouth region of an inverted face. Attention, Perception, and Psychophysics, 2014, 76, 1000-1014.	1.3	25
57	Training Melanoma Detection in Photographs Using the Perceptual Expertise Training Approach. Applied Cognitive Psychology, 2016, 30, 750-756.	1.6	23
58	Developmental plateau in visual object processing from adolescence to adulthood in autism. Brain and Cognition, 2014, 90, 124-134.	1.8	21
59	The effects of information type (features vs. configuration) and location (eyes vs. mouth) on the development of face perception. Journal of Experimental Child Psychology, 2014, 124, 36-49.	1.4	20
60	The role of color in expert object recognition. Journal of Vision, 2014, 14, 9-9.	0.3	19
61	Inversion Impairs Expert Budgerigar Identity Recognition: A Face-Like Effect for a Nonface Object of Expertise. Perception, 2018, 47, 647-659.	1.2	19
62	Early development of perceptual expertise: Within-basic-level categorization experience facilitates the formation of subordinate-level category representations in 6- to 7-month-old infants. Memory and Cognition, 2007, 35, 1422-1431.	1.6	18
63	The preferred level of face categorization depends on discriminability. Psychonomic Bulletin and Review, 2008, 15, 623-629.	2.8	17
64	Development of Recognition of Face Parts from Unfamiliar Faces. Infant and Child Development, 2013, 22, 165-179.	1.5	17
65	Angry facial expressions bias gender categorization in children and adults: behavioral and computational evidence. Frontiers in Psychology, 2015, 6, 346.	2.1	17
66	Inversion effects in the expert classification of mammograms and faces. Cognitive Research: Principles and Implications, 2018, 3, 31.	2.0	17
67	Investigating the perception of face identity in adults on the autism spectrum using behavioural and electrophysiological measures. Vision Research, 2019, 157, 132-141.	1.4	17
68	Exploring the perceptual spaces of faces, cars and birds in children and adults. Developmental Science, 2011, 14, 762-768.	2.4	16
69	An other-race effect for configural and featural processing of faces: upper and lower face regions play different roles. Frontiers in Psychology, 2015, 06, 559.	2.1	16
70	Identity-specific neural responses to three categories of face familiarity (own, friend, stranger) using fast periodic visual stimulation. Neuropsychologia, 2020, 141, 107415.	1.6	15
71	Are faces special to infants? An investigation of configural and featural processing for the upper and lower regions of houses in 3- to 7-month-olds. Visual Cognition, 2013, 21, 23-37.	1.6	14
72	The easy-to-hard training advantage with real-world medical images. Cognitive Research: Principles and Implications, 2018, 3, 38.	2.0	14

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73	The Moving Window Technique: A Window Into Developmental Changes in Attention During Facial Emotion Recognition. Child Development, 2013, 84, 1407-1424.	3.0	13
74	A regional composite-face effect for species-specific recognition: Upper and lower halves play different roles in holistic processing of monkey faces. Vision Research, 2019, 157, 89-96.	1.4	13
75	Putting a Name to a Face: The Role of Name Labels in the Formation of Face Memories. Journal of Cognitive Neuroscience, 2011, 23, 3280-3293.	2.3	12
76	The role of name labels in the formation of face representations in eventâ€related potentials. British Journal of Psychology, 2011, 102, 884-898.	2.3	12
77	The role of spatial frequency in expert object recognition.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 413-422.	0.9	12
78	Color and spatial frequency differentially impact early stages of perceptual expertise training. Neuropsychologia, 2019, 122, 62-75.	1.6	12
79	Examining the neural correlates of within-category discrimination in face and non-face expert recognition. Neuropsychologia, 2019, 124, 44-54.	1.6	11
80	Neural and behavioral effects of subordinateâ€level training of novel objects across manipulations of color and spatial frequency. European Journal of Neuroscience, 2020, 52, 4468-4479.	2.6	11
81	When a stranger becomes a friend: Measuring the neural correlates of real-world face familiarisation. Visual Cognition, 2021, 29, 689-707.	1.6	11
82	Decoupling category level and perceptual similarity in congenital prosopagnosia. Cognitive Neuropsychology, 2018, 35, 63-65.	1.1	9
83	Part and whole face representations in immediate and long-term memory. Vision Research, 2019, 164, 53-61.	1.4	7
84	Learning to become an expert: reinforcement learning and the acquisition of perceptual expertise. Annals of Neurosciences, 2011, 18, 113-4.	1.7	6
85	Can singular examples change implicit attitudes in the real-world?. Frontiers in Psychology, 2013, 4, 594.	2.1	6
86	Experience Produces the Atypicality Bias in Object Perception. Perception, 2012, 41, 556-568.	1.2	5
87	Investigating the face inversion effect in a deaf population using the Dimensions Tasks. Visual Cognition, 2016, 24, 201-211.	1.6	5
88	Emotional gist: the rapid perception of facial expressions. Cognition and Emotion, 2021, 35, 385-392.	2.0	4
89	Teaching Children with Autism to Recognize Faces. , 2014, , 1043-1059.		4
90	Dissociations between performance and visual fixations after subordinate- and basic-level training with novel objects. Vision Research, 2022, 191, 107971.	1.4	4

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91	Holistic gist: The speed of holistic face processing. Journal of Vision, 2018, 18, 166.	0.3	3
92	Holistic perception of faces in 17 milliseconds: Evidence from three measures. Journal of Vision, 2019, 19, 92.	0.3	3
93	From the small screen to the big world: mobile apps for teaching real-world face recognition to children with autism. Advanced Health Care Technologies, 0, , 37.	1.4	2
94	Hidden in Plain Sight: Overlooked Results and Other Errors in Evaluating Online Laboratory Results. Studies in Health Technology and Informatics, 2022, , .	0.3	2
95	Where are object properties? In the world or in the mind?. Behavioral and Brain Sciences, 2001, 24, 493-494.	0.7	1
96	Bird expertise does not increase motion sensitivity to bird flight motion. Journal of Vision, 2021, 21, 5.	0.3	1
97	The role of attachment style in the holistic perception of expression. Journal of Vision, 2019, 19, 25c.	0.3	1
98	Parts, features, and expertise. Behavioral and Brain Sciences, 1998, 21, 37-38.	0.7	0
99	Face Processing in Autism: Active Avoidance of the Eyes Versus Passive Indifference. , 2021, , 1944-1952.		0
100	Face Processing in Autism: Active Avoidance of the Eyes Versus Passive Indifference. , 2017, , 1-10.		0
101	Examining the role of motion in expert object recognition.. Journal of Vision, 2017, 17, 65.	0.3	0
102	The Easy-to-Hard Advantage with Real-World Visual Categories. Journal of Vision, 2017, 17, 1234.	0.3	0
103	Examining within-category discrimination of faces and objects of expertise.. Journal of Vision, 2018, 18, 394.	0.3	0
104	Changes in Visual Scanning Strategies Accompany the Acquisition of Perceptual Expertise. Journal of Vision, 2018, 18, 390.	0.3	0