

# Alice O'Toole

## List of Publications by Year in descending order

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85  
papers

6,894  
citations

87401

40  
h-index

81351

76  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of unfamiliar people from point-light biological motion: A perceptual reevaluation. <i>Visual Cognition</i> , 2020, 28, 513-522.	0.9	1
2	Social Trait Information in Deep Convolutional Neural Networks Trained for Face Identification. <i>Cognitive Science</i> , 2019, 43, e12729.	0.8	17
3	Learning context and the other-race effect: Strategies for improving face recognition. <i>Vision Research</i> , 2019, 157, 169-183.	0.7	15
4	Wisdom of the social versus non-social crowd in face identification. <i>British Journal of Psychology</i> , 2018, 109, 724-735.	1.2	11
5	The great debate: study proves whether people or algorithms are best at facial ID. <i>Biometric Technology Today</i> , 2018, 2018, 5-8.	0.7	1
6	First Impressions of Personality Traits From Body Shapes. <i>Psychological Science</i> , 2018, 29, 1969-1983.	1.8	44
7	Face recognition accuracy of forensic examiners, superrecognizers, and face recognition algorithms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6171-6176.	3.3	212
8	Face Space Representations in Deep Convolutional Neural Networks. <i>Trends in Cognitive Sciences</i> , 2018, 22, 794-809.	4.0	95
9	Recognizing approaching walkers: Neural decoding of person familiarity in cortical areas responsive to faces, bodies, and biological motion. <i>NeuroImage</i> , 2017, 146, 859-868.	2.1	18
10	Person recognition: Qualitative differences in how forensic face examiners and untrained people rely on the face versus the body for identification. <i>Visual Cognition</i> , 2017, 25, 492-506.	0.9	10
11	Five Principles for Crowd-Source Experiments in Face Recognition. , 2017, , .		3
12	Face and Image Representation in Deep CNN Features. , 2017, , .		19
13	Evaluation of Automated Identity Masking Method (AIM) in Naturalistic Driving Study (NDS). , 2017, , .		1
14	Human Factors in Forensic Face Identification. <i>Advances in Computer Vision and Pattern Recognition</i> , 2017, , 195-218.	0.9	6
15	Creating Body Shapes From Verbal Descriptions by Linking Similarity Spaces. <i>Psychological Science</i> , 2016, 27, 1486-1497.	1.8	12
16	Body talk. <i>ACM Transactions on Graphics</i> , 2016, 35, 1-14.	4.9	45
17	Recognizing People in Motion. <i>Trends in Cognitive Sciences</i> , 2016, 20, 383-395.	4.0	104
18	Dissecting the time course of person recognition in natural viewing environments. <i>British Journal of Psychology</i> , 2016, 107, 117-134.	1.2	34

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19	Human and algorithm performance on the PaSC face Recognition Challenge. , 2015, , .		14
20	Spatiotemporal changes in neural response patterns to faces varying in visual familiarity. NeuroImage, 2015, 108, 151-159.	2.1	23
21	Competence Judgments Based on Facial Appearance Are Better Predictors of American Elections Than of Korean Elections. Psychological Science, 2015, 26, 1107-1113.	1.8	23
22	The Effect of Image Quality and Forensic Expertise in Facial Image Comparisons. Journal of Forensic Sciences, 2015, 60, 331-340.	0.9	26
23	Perceptual expertise in forensic facial image comparison. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151292.	1.2	99
24	The neural representation of faces and bodies in motion and at rest. NeuroImage, 2014, 91, 1-11.	2.1	14
25	Comparison of human and computer performance across face recognition experiments. Image and Vision Computing, 2014, 32, 74-85.	2.7	88
26	Unaware Person Recognition From the Body When Face Identification Fails. Psychological Science, 2013, 24, 2235-2243.	1.8	75
27	The Role of the Face and Body in Unfamiliar Person Identification. Applied Cognitive Psychology, 2013, 27, 761-768.	0.9	30
28	Computational perspectives on the other-race effect. Visual Cognition, 2013, 21, 1121-1137.	0.9	23
29	Neural perspectives on the other-race effect. Visual Cognition, 2013, 21, 1081-1095.	0.9	10
30	Comparing face recognition algorithms to humans on challenging tasks. ACM Transactions on Applied Perception, 2012, 9, 1-13.	1.2	40
31	Demographic effects on estimates of automatic face recognition performance. Image and Vision Computing, 2012, 30, 169-176.	2.7	32
32	The Good, the Bad, and the Ugly Face Challenge Problem. Image and Vision Computing, 2012, 30, 177-185.	2.7	46
33	Neural correlates of own- and other-race face perception: Spatial and temporal response differences. NeuroImage, 2011, 54, 2547-2555.	2.1	49
34	An introduction to the good, the bad, & the ugly face recognition challenge problem. , 2011, , .		87
35	The neural processing of familiar and unfamiliar faces: A review and synopsis. British Journal of Psychology, 2011, 102, 726-747.	1.2	153
36	Recognizing people from dynamic and static faces and bodies: Dissecting identity with a fusion approach. Vision Research, 2011, 51, 74-83.	0.7	108

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37	An other-race effect for face recognition algorithms. <i>ACM Transactions on Applied Perception</i> , 2011, 8, 1-11.	1.2	107
38	Demographic effects on estimates of automatic face recognition performance. , 2011, , .		2
39	Cognitive and Computational Approaches to Face Recognition. , 2011, , .		7
40	Infant preference for individual women's faces extends to girl prototype faces. , 2010, 33, 357-360.		16
41	Dissociable Neural Patterns of Facial Identity across Changes in Viewpoint. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1570-1582.	1.1	71
42	FRVT 2006 and ICE 2006 Large-Scale Experimental Results. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2010, 32, 831-846.	9.7	383
43	Three-Dimensional Information in Face Representations Revealed by Identity Aftereffects. <i>Psychological Science</i> , 2009, 20, 318-325.	1.8	30
44	Recognition of Moving and Static Faces by Young Infants. <i>Child Development</i> , 2009, 80, 1259-1271.	1.7	84
45	Face adaptation to gender: Does adaptation transfer across age categories?. <i>Visual Cognition</i> , 2009, 17, 700-715.	0.9	17
46	Overview of the Multiple Biometrics Grand Challenge. <i>Lecture Notes in Computer Science</i> , 2009, , 705-714.	1.0	102
47	Humans versus algorithms: Comparisons from the Face Recognition Vendor Test 2006. , 2008, , .		12
48	Face Recognition Algorithms Surpass Humans Matching Faces Over Changes in Illumination. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2007, 29, 1642-1646.	9.7	156
49	Fusing Face-Verification Algorithms and Humans. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 1149-1155.	5.5	47
50	Theoretical, Statistical, and Practical Perspectives on Pattern-based Classification Approaches to the Analysis of Functional Neuroimaging Data. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1735-1752.	1.1	225
51	The role of familiarity in three-dimensional view-transferability of face identity adaptation. <i>Vision Research</i> , 2007, 47, 525-531.	0.7	63
52	Learning the Moves: The Effect of Familiarity and Facial Motion on Person Recognition across Large Changes in Viewing Format. <i>Perception</i> , 2006, 35, 761-773.	0.5	41
53	Probing the Visual Representation of Faces With Adaptation. <i>Psychological Science</i> , 2006, 17, 493-500.	1.8	105
54	Partially Distributed Representations of Objects and Faces in Ventral Temporal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 580-590.	1.1	301

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55	A video database of moving faces and people. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005, 27, 812-816.	9.7	172
56	Psychological and Neural Perspectives on the Role of Motion in Face Recognition. <i>Behavioral and Cognitive Neuroscience Reviews</i> , 2003, 2, 15-46.	3.9	77
57	Recognizing moving faces: a psychological and neural synthesis. <i>Trends in Cognitive Sciences</i> , 2002, 6, 261-266.	4.0	413
58	Face recognition algorithms and the other-race effect: computational mechanisms for a developmental contact hypothesis. <i>Cognitive Science</i> , 2002, 26, 797-815.	0.8	31
59	Prototype-referenced shape encoding revealed by high-level aftereffects. <i>Nature Neuroscience</i> , 2001, 4, 89-94.	7.1	755
60	On The Other Side of the Mean: The Perception of Dissimilarity in Human Faces. <i>Perception</i> , 2000, 29, 885-891.	0.5	43
61	The face typicality-recognizability relationship: Encoding or retrieval locus?. <i>Memory and Cognition</i> , 2000, 28, 1173-1182.	0.9	29
62	A signal detection model applied to the stimulus: Understanding covariances in face recognition experiments in the context of face sampling distributions. <i>Visual Cognition</i> , 2000, 7, 437-463.	0.9	5
63	Recognition and Sex Categorization of Adults' and Children's Faces: Examining Performance in the Absence of Sex-Stereotyped Cues. <i>Journal of Experimental Child Psychology</i> , 2000, 77, 269-291.	0.7	100
64	Three-dimensional shape and two-dimensional surface reflectance contributions to face recognition: an application of three-dimensional morphing. <i>Vision Research</i> , 1999, 39, 3145-3155.	0.7	101
65	The perception of face gender: The role of stimulus structure in recognition and classification. <i>Memory and Cognition</i> , 1998, 26, 146-160.	0.9	182
66	Stimulus-specific effects in face recognition over changes in viewpoint. <i>Vision Research</i> , 1998, 38, 2351-2363.	0.7	135
67	Manipulating Face Gender. <i>Journal of Biological Systems</i> , 1998, 06, 219-239.	0.5	7
68	A Moving Cast Shadow Diminishes the Pulfrich Phenomenon. <i>Perception</i> , 1998, 27, 591-593.	0.5	21
69	Facial Aging, Attractiveness, and Distinctiveness. <i>Perception</i> , 1998, 27, 1233-1243.	0.5	58
70	Sex Classification is Better with Three-Dimensional Head Structure Than with Image Intensity Information. <i>Perception</i> , 1997, 26, 75-84.	0.5	133
71	Three-Dimensional Caricatures of Human Heads: Distinctiveness and the Perception of Facial Age. <i>Perception</i> , 1997, 26, 719-732.	0.5	109
72	On the preattentive accessibility of stereoscopic disparity: Evidence from visual search. <i>Perception &amp; Psychophysics</i> , 1997, 59, 202-218.	2.3	40

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73	Principal Component and Neural Network Analyses of Face Images: What Can Be Generalized in Gender Classification?. <i>Journal of Mathematical Psychology</i> , 1997, 41, 398-413.	1.0	47
74	An "other-Race Effect"™ for Categorizing Faces by Sex. <i>Perception</i> , 1996, 25, 669-676.	0.5	100
75	More about the Difference between Men and Women: Evidence from Linear Neural Networks and the Principal-Component Approach. <i>Perception</i> , 1995, 24, 539-562.	0.5	142
76	Connectionist models of face processing: A survey. <i>Pattern Recognition</i> , 1994, 27, 1209-1230.	5.1	309
77	Structural aspects of face recognition and the other-race effect. <i>Memory and Cognition</i> , 1994, 22, 208-224.	0.9	246
78	An X Windows tool for synthesizing face images from eigenvectors. <i>Behavior Research Methods</i> , 1993, 25, 41-47.	1.3	5
79	Learning to See Random-Dot Stereograms. <i>Perception</i> , 1992, 21, 227-243.	0.5	104
80	Simulating the "Other-race Effect"™ as a Problem in Perceptual Learning. <i>Connection Science</i> , 1991, 3, 163-178.	1.8	77
81	Structure from Stereo by Associative Learning of the Constraints. <i>Perception</i> , 1989, 18, 767-782.	0.5	4
82	A physical system approach to recognition memory for spatially transformed faces. <i>Neural Networks</i> , 1988, 1, 179-199.	3.3	40
83	Associative learning of scene parameters from images. <i>Applied Optics</i> , 1987, 26, 4999.	2.1	18
84	The role of frequency versus informational cues in uncertain frequency detection. <i>Journal of the Acoustical Society of America</i> , 1986, 79, 788-791.	0.5	9
85	Pattern-directed attention in uncertain-frequency detection. <i>Perception &amp; Psychophysics</i> , 1984, 35, 256-264.	2.3	24