

Aleix M Martinez

List of Publications by Year in descending order

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36
papers

3,500
citations

331670

21
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

2897
citing authors

#	ARTICLE	IF	CITATIONS
1	Emotional Expressions Reconsidered: Challenges to Inferring Emotion From Human Facial Movements. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2019, 20, 1-68.	10.7	825
2	Compound facial expressions of emotion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1454-62.	7.1	511
3	EmotioNet: An Accurate, Real-Time Algorithm for the Automatic Annotation of a Million Facial Expressions in the Wild. , 2016, , .		343
4	GANimation: Anatomically-Aware Facial Animation from a Single Image. Lecture Notes in Computer Science, 2018, 11214, 835-851.	1.3	273
5	Computing Smooth Time Trajectories for Camera and Deformable Shape in Structure from Motion with Occlusion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 2051-2065.	13.9	182
6	Bayes Optimality in Linear Discriminant Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 647-657.	13.9	118
7	Where are linear feature extraction methods applicable?. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1934-1944.	13.9	115
8	Features versus Context: An Approach for Precise and Detailed Detection and Delineation of Faces and Facial Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 2022-2038.	13.9	106
9	Kernel non-rigid structure from motion. , 2011, , 802-809.		97
10	Kernel Optimization in Discriminant Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 631-638.	13.9	82
11	Facial color is an efficient mechanism to visually transmit emotion. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3581-3586.	7.1	73
12	A Model of the Perception of Facial Expressions of Emotion by Humans: Research Overview and Perspectives. Journal of Machine Learning Research, 2012, 13, 1589-1608.	62.4	68
13	Emotion perception in emotionless face images suggests a norm-based representation. Journal of Vision, 2009, 9, 5-5.	0.3	66
14	GANimation: One-Shot Anatomically Consistent Facial Animation. International Journal of Computer Vision, 2020, 128, 698-713.	15.6	63
15	The resolution of facial expressions of emotion. Journal of Vision, 2011, 11, 24-24.	0.3	61
16	Matching expression variant faces. Vision Research, 2003, 43, 1047-1060.	1.4	57
17	A Neural Basis of Facial Action Recognition in Humans. Journal of Neuroscience, 2016, 36, 4434-4442.	3.6	53
18	The not face: A grammaticalization of facial expressions of emotion. Cognition, 2016, 150, 77-84.	2.2	53

#	ARTICLE	IF	CITATIONS
19	Compound facial expressions of emotion: from basic research to clinical applications. <i>Dialogues in Clinical Neuroscience</i> , 2015, 17, 443-455.	3.7	49
20	Learning Spatially-Smooth Mappings in Non-Rigid Structure From Motion. <i>Lecture Notes in Computer Science</i> , 2012, 7575, 260-273.	1.3	40
21	Learning Facial Action Units from Web Images with Scalable Weakly Supervised Clustering. , 2018, 2018, 2090-2099.		36
22	Recognition of Action Units in the Wild with Deep Nets and a New Global-Local Loss. , 2017, , .		31
23	Visual perception of facial expressions of emotion. <i>Current Opinion in Psychology</i> , 2017, 17, 27-33.	4.9	30
24	Wait, are you sad or angry? Large exposure time differences required for the categorization of facial expressions of emotion. <i>Journal of Vision</i> , 2013, 13, 13-13.	0.3	28
25	A Simple, Fast and Highly-Accurate Algorithm to Recover 3D Shape from 2D Landmarks on a Single Image. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018, 40, 3059-3066.	13.9	26
26	A computational shape-based model of anger and sadness justifies a configural representation of faces. <i>Vision Research</i> , 2010, 50, 1693-1711.	1.4	23
27	Computational Models of Face Perception. <i>Current Directions in Psychological Science</i> , 2017, 26, 263-269.	5.3	21
28	Discriminant Features and Temporal Structure of Nonmanuals in American Sign Language. <i>PLoS ONE</i> , 2014, 9, e86268.	2.5	18
29	Discriminant Functional Learning of Color Features for the Recognition of Facial Action Units and Their Intensities. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019, 41, 2835-2845.	13.9	16
30	Multiobjective Optimization for Model Selection in Kernel Methods in Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014, 25, 1879-1893.	11.3	14
31	The promises and perils of automated facial action coding in studying children's emotions.. <i>Developmental Psychology</i> , 2019, 55, 1965-1981.	1.6	8
32	Context may reveal how you feel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7169-7171.	7.1	7
33	Adding Knowledge to Unsupervised Algorithms for the Recognition of Intent. <i>International Journal of Computer Vision</i> , 2021, 129, 942-959.	15.6	3
34	Cross-Cultural and Cultural-Specific Visual Perception of Facial Expressions of Emotion in the Wild. <i>Journal of Vision</i> , 2018, 18, 1106.	0.3	2
35	A Blind Source Separation Approach to Structure from Motion. , 2006, , .		1
36	The influence of spatial location on same-different judgments of facial identity and expression.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2020, 46, 1538-1552.	0.9	1