

Roddy Cowie

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

6,604
citations

394421

19
h-index

265206

42
g-index

76
all docs

76
docs citations

76
times ranked

3257
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ordinal Nature of Emotions: An Emerging Approach. IEEE Transactions on Affective Computing, 2021, 12, 16-35.	8.3	55
2	AVEC 2018 Workshop and Challenge. , 2018, , .		95
3	Summary for AVEC 2018. , 2018, , .		4
4	A computerised test of perceptual ability for learning endoscopic and laparoscopic surgery and other image guided procedures: Score norms for PicSO. American Journal of Surgery, 2017, 214, 969-973.	1.8	7
5	AVEC 2017. , 2017, , .		191
6	Summary for AVEC 2017. , 2017, , .		9
7	AVEC 2016. , 2016, , .		333
8	Using Agreement on Direction of Change to Build Rank-Based Emotion Classifiers. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 2108-2121.	5.8	21
9	Summary for AVEC 2016. , 2016, , .		21
10	AV+EC 2015. , 2015, , .		134
11	Building autonomous sensitive artificial listeners (Extended abstract). , 2015, , .		5
12	The enduring basis of emotional episodes: Towards a capacious overview. , 2015, , .		1
13	AVEC 2015. , 2015, , .		36
14	AVEC 2014. , 2014, , .		21
15	AVEC 2014. , 2014, , .		267
16	Induction, recording and recognition of natural emotions from facial expressions and speech prosody. Journal on Multimodal User Interfaces, 2013, 7, 195-206.	2.9	5
17	Workshop summary for the 3rd international audio/visual emotion challenge and workshop (AVEC'13). , 2013, , .		10
18	AVEC 2013. , 2013, , .		339

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19	Gtrace: General Trace Program Compatible with EmotionML. , 2013, , .		20
20	The movements made by performers in a skilled quartet: a distinctive pattern, and the function that it serves. <i>Frontiers in Psychology</i> , 2013, 4, 841.	2.1	55
21	AVEC 2012. , 2012, , .		54
22	The Good Our Field Can Hope to Do, the Harm It Should Avoid. <i>IEEE Transactions on Affective Computing</i> , 2012, 3, 410-423.	8.3	14
23	AVEC 2012. , 2012, , .		143
24	Building Autonomous Sensitive Artificial Listeners. <i>IEEE Transactions on Affective Computing</i> , 2012, 3, 165-183.	8.3	138
25	Conceptual frameworks for multimodal social signal processing. <i>Journal on Multimodal User Interfaces</i> , 2012, 6, 95-99.	2.9	3
26	Tracing Emotion. <i>International Journal of Synthetic Emotions</i> , 2012, 3, 1-17.	0.3	55
27	Emotion and mental state recognition from speech. <i>Eurasip Journal on Advances in Signal Processing</i> , 2012, 2012, .	1.7	3
28	The SEMAINE Database: Annotated Multimodal Records of Emotionally Colored Conversations between a Person and a Limited Agent. <i>IEEE Transactions on Affective Computing</i> , 2012, 3, 5-17.	8.3	459
29	Emotion representation, analysis and synthesis in continuous space: A survey. , 2011, , .		197
30	Come and have an emotional workout with sensitive artificial listeners!. , 2011, , .		2
31	Issues in Data Collection. <i>Cognitive Technologies</i> , 2011, , 197-212.	0.8	8
32	Issues in Data Labelling. <i>Cognitive Technologies</i> , 2011, , 213-241.	0.8	17
33	The HUMAINE Database. <i>Cognitive Technologies</i> , 2011, , 243-284.	0.8	24
34	Emotion: Concepts and Definitions. <i>Cognitive Technologies</i> , 2011, , 9-30.	0.8	17
35	AVEC 2011â€™The First International Audio/Visual Emotion Challenge. <i>Lecture Notes in Computer Science</i> , 2011, , 415-424.	1.3	131
36	Editorial: â€™Ethics and Good Practiceâ€™™ â€™ Computers and Forbidden Places: Where Machines May and May Not Go. <i>Cognitive Technologies</i> , 2011, , 707-711.	0.8	5

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37	Principles and History. Cognitive Technologies, 2011, , 167-196.	0.8	2
38	The Ethical Distinctiveness of Emotion-Oriented Technology: Four Long-Term Issues. Cognitive Technologies, 2011, , 725-733.	0.8	8
39	Beauty is Felt, Not Calculated; and it Does Not Fit in Boxes. , 2011, , 89-105.		0
40	On-line emotion recognition in a 3-D activation-valence-time continuum using acoustic and linguistic cues. Journal on Multimodal User Interfaces, 2010, 3, 7-19.	2.9	110
41	Companionship is an emotional business. Natural Language Processing, 2010, , 169-172.	0.5	7
42	Using dimensional descriptions to express the emotional content of music. , 2009, , .		2
43	Social signal processing: What are the relevant variables? And in what ways do they relate?. , 2009, , .		8
44	Perceiving emotion: towards a realistic understanding of the task. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3515-3525.	4.0	38
45	The challenges of dealing with distributed signs of emotion: Theory and empirical evidence. , 2009, , .		4
46	Building the databases needed to understand rich, spontaneous human behaviour. , 2008, , .		9
47	The HUMAINE Database: Addressing the Collection and Annotation of Naturalistic and Induced Emotional Data. Lecture Notes in Computer Science, 2007, , 488-500.	1.3	200
48	Piecing Together the Emotion Jigsaw. Lecture Notes in Computer Science, 2005, , 305-317.	1.3	17
49	Beyond emotion archetypes: Databases for emotion modelling using neural networks. Neural Networks, 2005, 18, 371-388.	5.9	113
50	PicSOR: An objective test of perceptual skill that predicts laparoscopic technical skill in three initial studies of laparoscopic performance. Surgical Endoscopy and Other Interventional Techniques, 2003, 17, 1468-1471.	2.4	90
51	Emotional speech: Towards a new generation of databases. Speech Communication, 2003, 40, 33-60.	2.8	346
52	Describing the emotional states that are expressed in speech. Speech Communication, 2003, 40, 5-32.	2.8	439
53	An Emotional Recognition Architecture Based on Human Brain Structure. Lecture Notes in Computer Science, 2003, , 1133-1140.	1.3	4
54	Prosodic Characteristics of Skilled Reading: Fluency and Expressiveness in 8-10-year-old Readers. Language and Speech, 2002, 45, 47-82.	1.1	49

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55	Charged experiences of natural environments. <i>Current Psychology</i> , 2002, 21, 133-143.	0.4	2
56	Emotion recognition in human-computer interaction. <i>IEEE Signal Processing Magazine</i> , 2001, 18, 32-80.	5.6	1,781
57	Variation among Nonclinical Subjects on a Line-Bisection Task. <i>Perceptual and Motor Skills</i> , 1998, 86, 834-834.	1.3	19
58	Measurement and Modelling of Perceived Slant in Surfaces Represented by Freely Viewed Line Drawings. <i>Perception</i> , 1998, 27, 505-540.	1.2	23
59	Intonational Settings as Markers of Discourse Units in Telephone Conversations. <i>Language and Speech</i> , 1998, 41, 351-374.	1.1	7
60	Acquired Deafness: A Multi-Dimensional Experience. <i>International Journal of Audiology</i> , 1997, 31, 177-188.	0.7	36
61	A Structure-from-Motion Scheme That Looks for Parallels, and its Implications for Apparent Reversals in Rotating Trapezia. <i>Perception</i> , 1995, 24, 867-877.	1.2	0
62	Psychology and hearing impairment: Focussing on the people with the loss. <i>Irish Journal of Psychology</i> , 1995, 16, 288-298.	0.2	4
63	How well does motion convey an object's shape? It depends on your viewpoint. <i>Irish Journal of Psychology</i> , 1993, 14, 361-374.	0.2	0
64	Psychology, Artificial Intelligence, and Cognitive Science. <i>Irish Journal of Psychology</i> , 1993, 14, 309-313.	0.2	0
65	The Devil's Torpedo Tubes: a new Impossible Object considered in relation to the IO model of human vision. <i>Workshops in Computing</i> , 1993, , 278-296.	0.4	2
66	Why Go for Virtual Reality if you can have Virtual Magic? A Study of Different Approaches to Manoeuvring an Object on Screen. <i>Workshops in Computing</i> , 1993, , 237-250.	0.4	0
67	Rectangles May Appear to Reverse like Trapezia When They Rotate at an Uneven Rate. <i>Perceptual and Motor Skills</i> , 1992, 74, 643-648.	1.3	1
68	Measuring the "Rubber Rhomboid" effect. <i>Workshops in Computing</i> , 1991, , 193-205.	0.4	3
69	The Computational Metaphor and Cognitive Psychology. <i>Irish Journal of Psychology</i> , 1989, 10, 232-246.	0.2	5
70	Rotating Trapezia Which Appear Luminous and Transparent during Reversals. <i>Perception</i> , 1989, 18, 173-180.	1.2	4
71	Emotion Recognition and Synthesis Based on MPEG-4 FAPs. , 0, , 141-167.		35
72	Data-driven clustering in emotional space for affect recognition using discriminatively trained LSTM networks. , 0, , .		25

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73	Multimodal databases of everyday emotion: facing up to complexity. , 0, , .		47
74	Abandoning emotion classes - towards continuous emotion recognition with modelling of long-range dependencies. , 0, , .		197