

# 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	Emotion recognition in human-computer interaction. IEEE Signal Processing Magazine, 2001, 18, 32-80.	5.6	1,781
2	The SEMAINE Database: Annotated Multimodal Records of Emotionally Colored Conversations between a Person and a Limited Agent. IEEE Transactions on Affective Computing, 2012, 3, 5-17.	8.3	459
3	Describing the emotional states that are expressed in speech. Speech Communication, 2003, 40, 5-32.	2.8	439
4	Emotional speech: Towards a new generation of databases. Speech Communication, 2003, 40, 33-60.	2.8	346
5	AVEC 2013. , 2013, , .		339
6	AVEC 2016. , 2016, , .		333
7	AVEC 2014. , 2014, , .		267
8	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
9	Emotion representation, analysis and synthesis in continuous space: A survey. , 2011, , .		197
10	Abandoning emotion classes - towards continuous emotion recognition with modelling of long-range dependencies. , 0, , .		197
11	AVEC 2017. , 2017, , .		191
12	AVEC 2012. , 2012, , .		143
13	Building Autonomous Sensitive Artificial Listeners. IEEE Transactions on Affective Computing, 2012, 3, 165-183.	8.3	138
14	AV+EC 2015. , 2015, , .		134
15	AVEC 2011â€œThe First International Audio/Visual Emotion Challenge. Lecture Notes in Computer Science, 2011, , 415-424.	1.3	131
16	Beyond emotion archetypes: Databases for emotion modelling using neural networks. Neural Networks, 2005, 18, 371-388.	5.9	113
17	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
18	AVEC 2018 Workshop and Challenge. , 2018, , .		95

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19	PicSOR: An objective test of perceptual skill that predicts laparoscopic technical skill in three initial studies of laparoscopic performance. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003, 17, 1468-1471.	2.4	90
20	Tracing Emotion. <i>International Journal of Synthetic Emotions</i> , 2012, 3, 1-17.	0.3	55
21	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
22	The Ordinal Nature of Emotions: An Emerging Approach. <i>IEEE Transactions on Affective Computing</i> , 2021, 12, 16-35.	8.3	55
23	AVEC 2012. , 2012, , .		54
24	Prosodic Characteristics of Skilled Reading: Fluency and Expressiveness in 8-year-old Readers. <i>Language and Speech</i> , 2002, 45, 47-82.	1.1	49
25	Multimodal databases of everyday emotion: facing up to complexity. , 0, , .		47
26	Perceiving emotion: towards a realistic understanding of the task. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 3515-3525.	4.0	38
27	Acquired Deafness: A Multi-Dimensional Experience. <i>International Journal of Audiology</i> , 1997, 31, 177-188.	0.7	36
28	AVEC 2015. , 2015, , .		36
29	Emotion Recognition and Synthesis Based on MPEG-4 FAPs. , 0, , 141-167.		35
30	Data-driven clustering in emotional space for affect recognition using discriminatively trained LSTM networks. , 0, , .		25
31	The HUMAINE Database. <i>Cognitive Technologies</i> , 2011, , 243-284.	0.8	24
32	Measurement and Modelling of Perceived Slant in Surfaces Represented by Freely Viewed Line Drawings. <i>Perception</i> , 1998, 27, 505-540.	1.2	23
33	AVEC 2014. , 2014, , .		21
34	Using Agreement on Direction of Change to Build Rank-Based Emotion Classifiers. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2016, 24, 2108-2121.	5.8	21
35	Summary for AVEC 2016. , 2016, , .		21
36	Gtrace: General Trace Program Compatible with EmotionML. , 2013, , .		20

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37	Variation among Nonclinical Subjects on a Line-Bisection Task. <i>Perceptual and Motor Skills</i> , 1998, 86, 834-834.	1.3	19
38	Piecing Together the Emotion Jigsaw. <i>Lecture Notes in Computer Science</i> , 2005, , 305-317.	1.3	17
39	Issues in Data Labelling. <i>Cognitive Technologies</i> , 2011, , 213-241.	0.8	17
40	Emotion: Concepts and Definitions. <i>Cognitive Technologies</i> , 2011, , 9-30.	0.8	17
41	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
42	Workshop summary for the 3rd international audio/visual emotion challenge and workshop (AVEC'13), 2013, , .		10
43	Building the databases needed to understand rich, spontaneous human behaviour. , 2008, , .		9
44	Summary for AVEC 2017. , 2017, , .		9
45	Social signal processing: What are the relevant variables? And in what ways do they relate?. , 2009, , .		8
46	Issues in Data Collection. <i>Cognitive Technologies</i> , 2011, , 197-212.	0.8	8
47	The Ethical Distinctiveness of Emotion-Oriented Technology: Four Long-Term Issues. <i>Cognitive Technologies</i> , 2011, , 725-733.	0.8	8
48	Intonational Settings as Markers of Discourse Units in Telephone Conversations. <i>Language and Speech</i> , 1998, 41, 351-374.	1.1	7
49	A computerised test of perceptual ability for learning endoscopic and laparoscopic surgery and other image guided procedures: Score norms for PicSO <sub>r</sub> . <i>American Journal of Surgery</i> , 2017, 214, 969-973.	1.8	7
50	Companionship is an emotional business. <i>Natural Language Processing</i> , 2010, , 169-172.	0.5	7
51	The Computational Metaphor and Cognitive Psychology. <i>Irish Journal of Psychology</i> , 1989, 10, 232-246.	0.2	5
52	Induction, recording and recognition of natural emotions from facial expressions and speech prosody. <i>Journal on Multimodal User Interfaces</i> , 2013, 7, 195-206.	2.9	5
53	Building autonomous sensitive artificial listeners (Extended abstract). , 2015, , .		5
54	Editorial: "Ethics and Good Practice" " 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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55	Rotating Trapezia Which Appear Luminous and Transparent during Reversals. Perception, 1989, 18, 173-180.	1.2	4
56	Psychology and hearing impairment: Focussing on the people with the loss. Irish Journal of Psychology, 1995, 16, 288-298.	0.2	4
57	The challenges of dealing with distributed signs of emotion: Theory and empirical evidence. , 2009, , .		4
58	Summary for AVEC 2018. , 2018, , .		4
59	An Emotional Recognition Architecture Based on Human Brain Structure. Lecture Notes in Computer Science, 2003, , 1133-1140.	1.3	4
60	Conceptual frameworks for multimodal social signal processing. Journal on Multimodal User Interfaces, 2012, 6, 95-99.	2.9	3
61	Emotion and mental state recognition from speech. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.7	3
62	Measuring the "Rubber Rhomboid" effect. Workshops in Computing, 1991, , 193-205.	0.4	3
63	Charged experiences of natural environments. Current Psychology, 2002, 21, 133-143.	0.4	2
64	Using dimensional descriptions to express the emotional content of music. , 2009, , .		2
65	Come and have an emotional workout with sensitive artificial listeners!. , 2011, , .		2
66	The Devil's Torpedo Tubes: a new Impossible Object considered in relation to the IO model of human vision. Workshops in Computing, 1993, , 278-296.	0.4	2
67	Principles and History. Cognitive Technologies, 2011, , 167-196.	0.8	2
68	Rectangles May Appear to Reverse like Trapezia When They Rotate at an Uneven Rate. Perceptual and Motor Skills, 1992, 74, 643-648.	1.3	1
69	The enduring basis of emotional episodes: Towards a capacious overview. , 2015, , .		1
70	How well does motion convey an object's shape? It depends on your viewpoint. Irish Journal of Psychology, 1993, 14, 361-374.	0.2	0
71	Psychology, Artificial Intelligence, and Cognitive Science. Irish Journal of Psychology, 1993, 14, 309-313.	0.2	0
72	A Structure-from-Motion Scheme That Looks for Parallels, and its Implications for Apparent Reversals in Rotating Trapezia. Perception, 1995, 24, 867-877.	1.2	0

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73	Beauty is Felt, Not Calculated; and it Does Not Fit in Boxes. , 2011, , 89-105.		0
74	Why Go for Virtual Reality if you can have Virtual Magic? A Study of Different Approaches to Manoeuvring an Object on Screen. Workshops in Computing, 1993, , 237-250.	0.4	0