

Roger K Moore

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

1,911
citations

586496

16
h-index

591227

27
g-index

109
all docs

109
docs citations

109
times ranked

1773
citing authors

#	ARTICLE	IF	CITATIONS
1	Spoken language interaction with robots: Recommendations for future research. <i>Computer Speech and Language</i> , 2022, 71, 101255.	2.9	38
2	Using Sampling Techniques and Machine Learning Algorithms to Improve Big Five Personality Traits Recognition from Non-verbal Cues. , 2021, , .		2
3	Cross-species parallels in babbling: animals and algorithms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200239.	1.8	8
4	PCT and beyond. , 2020, , 557-582.		0
5	Usability, Acceptability, and Effectiveness of Web-Based Conversational Agents to Facilitate Problem Solving in Older Adults: Controlled Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e16794.	2.1	39
6	A Structural Approach to Dealing with High Dimensionality Parameter Search Spaces. <i>Lecture Notes in Computer Science</i> , 2020, , 159-170.	1.0	1
7	Acceptability and Effectiveness of NHS-Recommended e-Therapies for Depression, Anxiety, and Stress: Meta-Analysis. <i>Journal of Medical Internet Research</i> , 2020, 22, e17049.	2.1	7
8	e-Therapies in England for stress, anxiety or depression: how are apps developed? A survey of NHS e-therapy developers. <i>BMJ Health and Care Informatics</i> , 2019, 26, e100027.	1.4	14
9	Mapping Theoretical and Methodological Perspectives for Understanding Speech Interface Interactions. , 2019, , .		7
10	Spatio-Temporal Context Modelling for Speech Emotion Classification. , 2019, , .		6
11	The effects of robot facial emotional expressions and gender on child-robot interaction in a field study. <i>Connection Science</i> , 2018, 30, 343-361.	1.8	24
12	Examining Temporal Variations in Recognizing Unspoken Words Using EEG Signals. , 2018, , .		4
13	Learning Capsules for Vehicle Logo Recognition. , 2018, , .		11
14	American Sign Language Posture Understanding with Deep Neural Networks. , 2018, , .		22
15	Towards a Comprehensive Taxonomy for Characterizing Robots. <i>Lecture Notes in Computer Science</i> , 2018, , 381-392.	1.0	3
16	A Wearable Silent Speech Interface based on Magnetic Sensors with Motion-Artifact Removal. , 2018, , .		6
17	E-therapies in England for stress, anxiety or depression: what is being used in the NHS? A survey of mental health services. <i>BMJ Open</i> , 2017, 7, e014844.	0.8	38
18	Restoring speech following total removal of the larynx by a learned transformation from sensor data to acoustics. <i>Journal of the Acoustical Society of America</i> , 2017, 141, EL307-EL313.	0.5	10

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19	Direct Speech Reconstruction From Articulatory Sensor Data by Machine Learning. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2362-2374.	4.0	42
20	The Sheffield Search and Rescue corpus. , 2017, , .		1
21	Toward a Needs-Based Architecture for "Intelligent" Communicative Agents: Speaking with Intention. Frontiers in Robotics and AI, 2017, 4, .	2.0	5
22	A Biomimetic Vocalisation System for MiRo. Lecture Notes in Computer Science, 2017, , 363-374.	1.0	5
23	You Made Him Be Alive: Children's Perceptions of Animacy in a Humanoid Robot. Lecture Notes in Computer Science, 2017, , 73-85.	1.0	10
24	Is Spoken Language All-or-Nothing? Implications for Future Speech-Based Human-Machine Interaction. Lecture Notes in Electrical Engineering, 2017, , 281-291.	0.3	30
25	Children's Age Influences Their Use of Biological and Mechanical Questions Towards a Humanoid. Lecture Notes in Computer Science, 2017, , 290-299.	1.0	1
26	Voice Restoration After Laryngectomy Based on Magnetic Sensing of Articulator Movement and Statistical Articulation-to-Speech Conversion. Communications in Computer and Information Science, 2017, , 295-316.	0.4	0
27	Towards an Intraoral-Based Silent Speech Restoration System for Post-laryngectomy Voice Replacement. Communications in Computer and Information Science, 2017, , 22-38.	0.4	1
28	Restoring Speech Following Total Removal of the Larynx. Studies in Health Technology and Informatics, 2017, 242, 314-321.	0.2	0
29	Vocal Interactivity in-and-between Humans, Animals, and Robots. Frontiers in Robotics and AI, 2016, 3, .	2.0	10
30	Brain-computer interface technology for speech recognition: A review. , 2016, , .		14
31	The EASEL Project: Towards Educational Human-Robot Symbiotic Interaction. Lecture Notes in Computer Science, 2016, , 297-306.	1.0	16
32	Towards a Synthetic Tutor Assistant: The EASEL Project and its Architecture. Lecture Notes in Computer Science, 2016, , 353-364.	1.0	11
33	Introducing a Pictographic Language for Envisioning a Rich Variety of Enactive Systems with Different Degrees of Complexity. International Journal of Advanced Robotic Systems, 2016, 13, 74.	1.3	7
34	A silent speech system based on permanent magnet articulography and direct synthesis. Computer Speech and Language, 2016, 39, 67-87.	2.9	39
35	Congratulations, It's a Boy! Bench-Marking Children's Perceptions of the Robokind Zeno-R25. Lecture Notes in Computer Science, 2016, , 33-39.	1.0	7
36	Preliminary Evaluation of a Silent Speech Interface based on Intra-Oral Magnetic Sensing. , 2016, , .		5

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37	Direct Speech Generation for a Silent Speech Interface based on Permanent Magnet Articulography. , 2016, , .		6
38	Designing Robot Personalities for Human-Robot Symbiotic Interaction in an Educational Context. Lecture Notes in Computer Science, 2016, , 413-417.	1.0	2
39	Children's Age Influences Their Perceptions of a Humanoid Robot as Being Like a Person or Machine. Lecture Notes in Computer Science, 2015, , 348-353.	1.0	11
40	Integrating User-Centred Design in the Development of a Silent Speech Interface Based on Permanent Magnetic Articulography. Communications in Computer and Information Science, 2015, , 324-337.	0.4	1
41	A User-centric Design of Permanent Magnetic Articulography based Assistive Speech Technology. , 2015, , .		2
42	Discovering the phoneme inventory of an unwritten language: A machine-assisted approach. Speech Communication, 2014, 56, 152-166.	1.6	12
43	Spoken Language Processing: Time to Look Outside?. Lecture Notes in Computer Science, 2014, , 21-36.	1.0	4
44	The Uncanny Valley: A Focus on Misaligned Cues. Lecture Notes in Computer Science, 2014, , 256-265.	1.0	13
45	Optimising Robot Personalities for Symbiotic Interaction. Lecture Notes in Computer Science, 2014, , 392-395.	1.0	5
46	Small-vocabulary speech recognition using a silent speech interface based on magnetic sensing. Speech Communication, 2013, 55, 22-32.	1.6	52
47	Spoken Language Processing: Where Do We Go from Here?. Lecture Notes in Computer Science, 2013, , 119-133.	1.0	12
48	A Bayesian explanation of the "Uncanny Valley" effect and related psychological phenomena. Scientific Reports, 2012, 2, 864.	1.6	127
49	Generating context-sensitive ECA responses to user barge-in interruptions. Journal on Multimodal User Interfaces, 2012, 6, 13-25.	2.0	8
50	Towards the detection of social dominance in dialogue. Speech Communication, 2011, 53, 1104-1114.	1.6	6
51	A prototype for a conversational companion for reminiscing about images. Computer Speech and Language, 2011, 25, 140-157.	2.9	18
52	Computing phonological generalization over real speech exemplars. Journal of Phonetics, 2010, 38, 540-547.	0.6	20
53	Isolated word recognition of silent speech using magnetic implants and sensors. Medical Engineering and Physics, 2010, 32, 1189-1197.	0.8	59
54	An attention-gating recurrent working memory architecture for emergent speech representation. Connection Science, 2010, 22, 157-175.	1.8	3

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55	Speech as the Perception of Affordances. Ecological Psychology, 2010, 22, 327-343.	0.7	22
56	Cognitive Approaches to Spoken Language Technology. , 2010, , 89-103.		5
57	Biomimetic vocal tract modeling: preliminary results of vocalization experiments. Proceedings of Meetings on Acoustics, 2009, , .	0.3	0
58	A Computational Model of Language Acquisition: the Emergence of Words. Fundamenta Informaticae, 2009, 90, 229-249.	0.3	26
59	Evolving Spiking Neural Parameters for Behavioral Sequences. Lecture Notes in Computer Science, 2009, , 784-793.	1.0	1
60	Towards an investigation of speech energetics using â€˜AnTonâ€™™: an animatronic model of a human tongue and vocal tract. Connection Science, 2008, 20, 319-336.	1.8	15
61	PRESENCE: A Human-Inspired Architecture for Speech-Based Human-Machine Interaction. IEEE Transactions on Computers, 2007, 56, 1176-1188.	2.4	46
62	ACORNS - towards computational modeling of communication and recognition skills. , 2007, , .		22
63	Sound Localization Through Evolutionary Learning Applied to Spiking Neural Networks. , 2007, , .		3
64	Spoken language processing by machine. , 2007, , 722-738.		1
65	Spoken language processing: Piecing together the puzzle. Speech Communication, 2007, 49, 418-435.	1.6	41
66	Towards capturing fine phonetic variation in speech using articulatory features. Speech Communication, 2007, 49, 811-826.	1.6	20
67	Speech Communication: Louis Pols Special Issue. Speech Communication, 2005, 47, 3-6.	1.6	1
68	Introduction to the Special Issue on Data Mining of Speech, Audio, and Dialog. IEEE Transactions on Speech and Audio Processing, 2005, 13, 633-634.	2.0	1
69	Speech Pattern Processing. , 1999, , 1-9.		2
70	Critique: The potential role of speech production models in automatic speech recognition. Journal of the Acoustical Society of America, 1996, 99, 1710-1713.	0.5	8
71	Modelling intonation contours at the phrase level using continuous density hidden Markov models. Computer Speech and Language, 1994, 8, 247-260.	2.9	20
72	Minimally distinct word-pair discrimination using a back-propagation network. Computer Speech and Language, 1989, 3, 119-131.	2.9	6

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73	Isolated digit recognition experiments using the multi-layer perceptron. <i>Speech Communication</i> , 1988, 7, 403-409.	1.6	21
74	Systems for Isolated and Connected Word Recognition. , 1985, , 73-143.		5
75	Speech Recognition Systems and Theories of Speech Perception. <i>Advances in Psychology</i> , 1981, , 427-441.	0.1	1
76	A multilevel approach to pattern processing. <i>Pattern Recognition</i> , 1981, 14, 261-265.	5.1	2
77	Evaluating speech recognizers. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1977, 25, 178-183.	2.0	18
78	Using Linguistic Cues for the Automatic Recognition of Personality in Conversation and Text. <i>Journal of Artificial Intelligence Research</i> , 0, 30, 457-500.	7.0	646
79	Investigating Deep Neural Structures and their Interpretability in the Domain of Voice Conversion. , 0, , .		0
80	A Real-Time Parametric General-Purpose Mammalian Vocal Synthesiser. , 0, , .		3
81	Progress and Prospects for Spoken Language Technology: What Ordinary People Think. , 0, , .		10
82	Progress and Prospects for Spoken Language Technology: Results from Four Sexennial Surveys. , 0, , .		2
83	Evaluation of a Silent Speech Interface Based on Magnetic Sensing and Deep Learning for a Phonetically Rich Vocabulary. , 0, , .		10
84	Learning Temporal Clusters Using Capsule Routing for Speech Emotion Recognition. , 0, , .		41
85	Modeling data entry rates for ASR and alternative input methods. , 0, , .		9
86	Speech technology for e-inclusion of people with physical disabilities and disordered speech. , 0, , .		11
87	Anton: an animatronic model of a human tongue and vocal tract. , 0, , .		3
88	Modelling vocabulary growth from birth to young adulthood. , 0, , .		3
89	Discovering keywords from cross-modal input: ecological vs. engineering methods for enhancing acoustic repetitions. , 0, , .		0
90	Discovering an optimal set of minimally contrasting acoustic speech units: a point of focus for whole-word pattern matching. , 0, , .		5

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91	Evaluation of a silent speech interface based on magnetic sensing. , 0, , .		5
92	Speech synthesis parameter generation for the assistive silent speech interface MVOCA. , 0, , .		10
93	C2h: a computational model of H&h-based phonetic contrast in synthetic speech. , 0, , .		8
94	Performance of the MVOCA silent speech interface across multiple speakers. , 0, , .		10
95	Analysis of phonetic similarity in a silent speech interface based on permanent magnetic articulography. , 0, , .		9
96	Speech-based location estimation of first responders in a simulated search and rescue scenario. , 0, , .		1
97	On the Use/Misuse of the Term "Phoneme"™. , 0, , .		5
98	Using Alexa for Flashcard-Based Learning. , 0, , .		5
99	Removing Bias with Residual Mixture of Multi-View Attention for Speech Emotion Recognition. , 0, , .		8