

Cindy L Bethel

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

875
citations

1040056

9
h-index

677142

22
g-index

64
all docs

64
docs citations

64
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Human Studies Methods in HRI and Recommendations. International Journal of Social Robotics, 2010, 2, 347-359.	4.6	123
2	Survey of Non-facial/Non-verbal Affective Expressions for Appearance-Constrained Robots. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 83-92.	2.9	121
3	A Survey of Using Vocal Prosody to Convey Emotion in Robot Speech. International Journal of Social Robotics, 2016, 8, 271-285.	4.6	72
4	Survey of Psychophysiology Measurements Applied to Human-Robot Interaction. , 2007, , .		67
5	Secret-sharing: Interactions between a child, robot, and adult. , 2011, , .		37
6	Affective expression in appearance constrained robots. , 2006, , .		33
7	Using robots to interview children about bullying: Lessons learned from an exploratory study. , 2016, , .		31
8	Responses to robot social roles and social role framing. , 2011, , .		29
9	Evaluation of Proxemic Scaling Functions for Social Robotics. IEEE Transactions on Human-Machine Systems, 2014, 44, 374-385.	3.5	23
10	Software-Reliability Modeling: The Case for Deterministic Behavior. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 106-119.	2.9	21
11	Eyewitnesses are misled by human but not robot interviewers. , 2013, , .		19
12	Accessible Electroencephalograms (EEGs): A Comparative Review with OpenBCI's Ultracortex Mark IV Headset. , 2019, , .		19
13	Non-facial/non-verbal methods of affective expression as applied to robot-assisted victim assessment. , 2007, , .		17
14	A historical review of the development of verification and validation theories for simulation models. International Journal of Modeling, Simulation, and Scientific Computing, 2017, 08, 1730001.	1.4	17
15	Survey of Factors for the Prediction of Human Comfort with a Non-anthropomorphic Robot in Public Spaces. International Journal of Social Robotics, 2017, 9, 165-180.	4.6	16
16	Psychophysiological experimental design for use in human-robot interaction studies. , 2007, , .		15
17	Preliminary results. , 2009, , .		15
18	Implementing English speech interface to Jaguar robot for SWAT training. , 2017, , .		15

#	ARTICLE	IF	CITATIONS
19	Strategies to Combat Bullying: Parental Responses to Bullies, Bystanders, and Victims. Youth and Society, 2019, 51, 358-376.	2.3	15
20	Discoveries from integrating robots into SWAT team training exercises. , 2012, , .		11
21	Non-Facial and Non-Verbal Affective Expression for Appearance-Constrained Robots Used in Victim Management*. Paladyn, 2010, 1, .	2.7	9
22	Validation of vocal prosody modifications to communicate emotion in robot speech. , 2015, , .		8
23	A training tool for speech driven human-robot interaction applications. , 2017, , .		8
24	User expectations of privacy in robot assisted therapy. Paladyn, 2019, 10, 140-159.	2.7	8
25	A Systematic Review of the Use of Art in Virtual Reality. Electronics (Switzerland), 2021, 10, 2314.	3.1	8
26	Evaluation of Head Gaze Loosely Synchronized With Real-Time Synthetic Speech for Social Robots. IEEE Transactions on Human-Machine Systems, 2014, 44, 767-778.	3.5	7
27	Using HMD for Immersive Training of Voice-Based Operation of Small Unmanned Ground Vehicles. Lecture Notes in Computer Science, 2019, , 34-46.	1.3	7
28	Non-facial and non-verbal affective expression in appearance-constrained robots for use in victim management. , 2009, , .		6
29	Simulation modeling of pedestrian behavior in the presence of unmanned mobile robots. Simulation Modelling Practice and Theory, 2017, 75, 96-112.	3.8	6
30	Improving student engagement and learning outcomes through the use of industry-sponsored projects in human-computer interaction curriculum. , 2017, , .		6
31	A Robot Forensic Interviewer. , 2017, , .		6
32	Mechanical Design, Prototyping, and Validation of A Martian Robot Mining System. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 10, 177-182.	0.4	6
33	Therobot-an Adaptive Therapeutic Support Robot. , 2018, , .		6
34	Are Black Robots Like Black People? Examining How Negative Stigmas about Race Are Applied to Colored Robots. Sociological Inquiry, 2018, 88, 626-648.	2.0	6
35	Conducting Studies in Human-Robot Interaction. Springer Series on Bio- and Neurosystems, 2020, , 91-124.	0.2	6
36	A Reference Architecture for Social Head Gaze Generation in Social Robotics. International Journal of Social Robotics, 2015, 7, 601-616.	4.6	5

#	ARTICLE	IF	CITATIONS
37	Novice User Experiences with a Voice-Enabled Human-Robot Interaction Tool. , 2019, , .		5
38	Towards a computational method of scaling a robot's behavior via proxemics. , 2012, , .		4
39	He can read your mind: Perceptions of a character-guessing robot. , 2017, , .		4
40	A Perception-Based Fuzzy Route Planing Algorithm for Autonomous Unmanned Ground Vehicles. Unmanned Systems, 2018, 06, 251-266.	3.6	4
41	Therabotâ„¢. , 2018, , .		4
42	Evaluation of supervisory control interfaces for mobile robot integration with tactical teams. , 2014, , .		3
43	Moving toward an intelligent interactive social engagement framework for information gathering. , 2017, , .		3
44	Implementation of a Speech Enabled Virtual Reality Training Tool for Human-Robot Interaction. , 2018, , .		3
45	Challenges with the integration of robotics into tactical team operations. , 2017, , .		2
46	A reference autonomous mobility model. , 2017, , .		2
47	"To click or not to click is the question": Fraudulent URL identification accuracy in a community sample. , 2017, , .		2
48	Stress Factors that Impact Robot Operator Control in High-Stress Dynamic Scenarios. , 2018, , .		2
49	Understanding Human Response to the Presence and Actions of Unmanned Ground Vehicle Systems in Field Environment. IEEE Transactions on Human-Machine Systems, 2018, 48, 325-336.	3.5	2
50	A history and overview of mobility modeling for autonomous unmanned ground vehicles. , 2018, , .		2
51	Therabotâ„¢. , 2015, , .		2
52	A design review: Concepts for mitigating SQL injection attacks. , 2016, , .		1
53	Computational intelligence-based optimization of maximally stable extremal region segmentation for object detection. Proceedings of SPIE, 2017, , .	0.8	1
54	Iterative Interface Design for Robot Integration with Tactical Teams. Advances in Intelligent Systems and Computing, 2017, , 3-16.	0.6	1

#	ARTICLE	IF	CITATIONS
55	Hydra: a modular, universal multi-sensor data collection system. , 2018, , .		1
56	A proxemic-based HRI testbed. , 2012, , .		0
57	Multi-kernel aggregation of local and global features in long-wave infrared for detection of SWAT teams in challenging environments. Proceedings of SPIE, 2013, , .	0.8	0
58	Increasing psychological well-being through human-robot interaction. , 2016, , .		0
59	Enhancement of thermal imagery using a low-cost high-resolution visual spectrum camera for scene understanding. , 2017, , .		0
60	Non-native vs Native English Speakers User Experience in HMD vs Desktop Immersive Training. , 2020, , .		0
61	Conducting a Prospective Review for Enhanced Interface Features for Unmanned Ground Vehicle Operation. Advances in Intelligent Systems and Computing, 2017, , 613-620.	0.6	0
62	A Robotic Augmented Reality Virtual Window for Law Enforcement Operations. Lecture Notes in Computer Science, 2020, , 591-610.	1.3	0