Cindy L Bethel

List of Publications by Year
in descending order

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	A Systematic Review of the Use of Art in Virtual Reality. Electronics (Switzerland), 2021, 10, 2314.	3.1	8
2	Non-native vs Native English Speakers User Experience in HMD vs Desktop Immersive Training. , 2020, , .		0
3	Conducting Studies in Human-Robot Interaction. Springer Series on Bio- and Neurosystems, 2020, , 91-124.	0.2	6
4	A Robotic Augmented Reality Virtual Window for Law Enforcement Operations. Lecture Notes in Computer Science, 2020, , 591-610.	1.3	0
5	Novice User Experiences with a Voice-Enabled Human-Robot Interaction Tool. , 2019, , .		5
6	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
7	Accessible Electroencephalograms (EEGs): A Comparative Review with OpenBCIâ€™s Ultracortex Mark IV Headset. , 2019, , .		19
8	User expectations of privacy in robot assisted therapy. Paladyn, 2019, 10, 140-159.	2.7	8
9	Strategies to Combat Bullying: Parental Responses to Bullies, Bystanders, and Victims. Youth and Society, 2019, 51, 358-376.	2.3	15
10	Stress Factors that Impact Robot Operator Control in High-Stress Dynamic Scenarios. , 2018, , .		2
11	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
12	Therabot-an Adaptive Therapeutic Support Robot. , 2018, , .		6
13	A Perception-Based Fuzzy Route Planing Algorithm for Autonomous Unmanned Ground Vehicles. Unmanned Systems, 2018, 06, 251-266.	3.6	4
14	Implementation of a Speech Enabled Virtual Reality Training Tool for Human-Robot Interaction. , 2018, , .		3
15	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
16	Hydra: a modular, universal multi-sensor data collection system. , 2018, , .		1
17	A history and overview of mobility modeling for autonomous unmanned ground vehicles. , 2018, , .		2
18	Therabotâ„¢. , 2018, , .		4

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19	Simulation modeling of pedestrian behavior in the presence of unmanned mobile robots. Simulation Modelling Practice and Theory, 2017, 75, 96-112.	3.8	6
20	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
21	Computational intelligence-based optimization of maximally stable extremal region segmentation for object detection. Proceedings of SPIE, 2017, , .	0.8	1
22	Enhancement of thermal imagery using a low-cost high-resolution visual spectrum camera for scene understanding. , 2017, , .		0
23	Implementing English speech interface to Jaguar robot for SWAT training. , 2017, , .		15
24	Moving toward an intelligent interactive social engagement framework for information gathering. , 2017, , .		3
25	Challenges with the integration of robotics into tactical team operations. , 2017, , .		2
26	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
27	Iterative Interface Design for Robot Integration with Tactical Teams. Advances in Intelligent Systems and Computing, 2017, , 3-16.	0.6	1
28	He can read your mind: Perceptions of a character-guessing robot. , 2017, , .		4
29	Improving student engagement and learning outcomes through the use of industry-sponsored projects in human-computer interaction curriculum. , 2017, , .		6
30	A training tool for speech driven human-robot interaction applications. , 2017, , .		8
31	A Robot Forensic Interviewer. , 2017, , .		6
32	A reference autonomous mobility model. , 2017, , .		2
33	"To click or not to click is the question": Fraudulent URL identification accuracy in a community sample. , 2017, , .		2
34	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
35	A design review: Concepts for mitigating SQL injection attacks. , 2016, , .		1
36	A Survey of Using Vocal Prosody to Convey Emotion in Robot Speech. International Journal of Social Robotics, 2016, 8, 271-285.	4.6	72

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37	Increasing psychological well-being through human-robot interaction. , 2016, , .		0
38	Using robots to interview children about bullying: Lessons learned from an exploratory study. , 2016, , .		31
39	Validation of vocal prosody modifications to communicate emotion in robot speech. , 2015, , .		8
40	A Reference Architecture for Social Head Gaze Generation in Social Robotics. International Journal of Social Robotics, 2015, 7, 601-616.	4.6	5
41	Therabotâ"¢. , 2015, , .		2
42	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
43	Evaluation of supervisory control interfaces for mobile robot integration with tactical teams. , 2014, , .		3
44	Evaluation of Proxemic Scaling Functions for Social Robotics. IEEE Transactions on Human-Machine Systems, 2014, 44, 374-385.	3.5	23
45	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
46	Eyewitnesses are misled by human but not robot interviewers. , 2013, , .		19
47	Towards a computational method of scaling a robot's behavior via proxemics. , 2012, , .		4
48	A proxemic-based HRI testbed. , 2012, , .		0
49	Discoveries from integrating robots into SWAT team training exercises. , 2012, , .		11
50	Responses to robot social roles and social role framing. , 2011, , .		29
51	Secret-sharing: Interactions between a child, robot, and adult. , 2011, , .		37
52	Non-Facial and Non-Verbal Affective Expression for Appearance-Constrained Robots Used in Victim Management*. Paladyn, 2010, 1, .	2.7	9
53	Review of Human Studies Methods in HRI and Recommendations. International Journal of Social Robotics, 2010, 2, 347-359.	4.6	123
54	Non-facial and non-verbal affective expression in appearance-constrained robots for use in victim management. , 2009, , .		6

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55	Preliminary results. , 2009, , .		15
56	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
57	Non-facial/non-verbal methods of affective expression as applied to robot-assisted victim assessment. , 2007, , .		17
58	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
59	Survey of Psychophysiology Measurements Applied to Human-Robot Interaction. , 2007, , .		67
60	Psychophysiological experimental design for use in human-robot interaction studies. , 2007, , .		15
61	Affective expression in appearance constrained robots. , 2006, , .		33
62	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