Randy Gomez

List of Publications by Year
in descending order

		1307594	1058476
22 papers	**331** citations	**7** h-index	**14** g-index
22 all docs	**22** docs citations	**22** times ranked	**205** citing authors

#	Article	IF	Citations
1	Human-Centered Reinforcement Learning: A Survey. IEEE Transactions on Human-Machine Systems, 2019, 49, 337-349.	3.5	65
2	Haru. , 2018, , .		58
3	A Review on Interactive Reinforcement Learning From Human Social Feedback. IEEE Access, 2020, 8, 120757-120765.	4.2	40
4	Multiparty Interaction Understanding Using Smart Multimodal Digital Signage. IEEE Transactions on Human-Machine Systems, 2014, 44, 625-637.	3.5	26
5	A Holistic Approach in Designing Tabletop Robot's Expressivity. , 2020, , .		25
6	Robust Speech Recognition Based on Dereverberation Parameter Optimization Using Acoustic Model Likelihood. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1708-1716.	3.2	24
7	Child-Robot Collaborative Problem-Solving and the Importance of Child's Voluntary Interaction: A Developmental Perspective. Frontiers in Robotics and AI, 2020, 7, 15.	3.2	18
8	Developing a Lightweight Rock-Paper-Scissors Framework for Human-Robot Collaborative Gaming. IEEE Access, 2020, 8, 202958-202968.	4.2	11
9	A robust multispectral palmprint matching algorithm and its evaluation for FPGA applications. Journal of Systems Architecture, 2018, 88, 43-53.	4.3	10
10	Remote You, Haru and Me: Exploring Social Interaction in Telepresence Gaming With a Robotic Agent. , 2021, , .		8
11	Art, Design and Communication Theory in Creating the Communicative Social Robot 'Haru'. Frontiers in Robotics and AI, 2021, 8, 577107.	3.2	7
12	Iterative Boundaries Implicit Identification for Superpixels Segmentation: A Real-Time Approach. IEEE Access, 2021, 9, 77250-77263.	4.2	6
13	Iterative Design of an Emotive Voice for the Tabletop Robot Haru. Lecture Notes in Computer Science, 2021, , 362-374.	1.3	6
14	Improving separation of overlapped speech for meeting conversations using uncalibrated microphone array. , 2017, , .		5
15	Emoji to Robomoji: Exploring Affective Telepresence Through Haru. Lecture Notes in Computer Science, 2020, , 652-663.	1.3	5
16	Social Robots for Socio-Physical Distancing. Lecture Notes in Computer Science, 2020, , 440-452.	1.3	5
17	Techniques in rapid unsupervised speaker adaptation based on HMM-Sufficient Statistics. Speech Communication, 2009, 51, 42-57.	2.8	4
18	Automating Behavior Selection for Affective Telepresence Robot. , 2021, , .		4

#	Article	IF	Citations
19	An Exploration of Simple Reactive Responses for Conveying Aliveness Using the Haru Robot. Lecture Notes in Computer Science, 2020, , 108-119.	1.3	2
20	Personalization of Human-Robot Gestural Communication through Voice Interaction Grounding. , 2021, , .		2
21	Design and Development of a Teleoperation System for Affective Tabletop Robot Haru. Lecture Notes in Computer Science, 2021, , 564-573.	1.3	0
22	Developing a Robot's Empathetic Reactive Response Inspired by a Bottom-Up Attention Model. Lecture Notes in Computer Science, 2021, , 85-95.	1.3	0