Erik Billing

List of Publications by Year
in descending order

31	500	840776 11	752698 20
papers	citations	h-index	g-index

31	31	31	508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current Trends in Research and Application of Digital Human Modeling. Lecture Notes in Networks and Systems, 2022, , 358-366.	0.7	4
2	The Social Robot Expectation Gap Evaluation Framework. Lecture Notes in Computer Science, 2022, , 590-610.	1.3	2
3	The DREAM Dataset: Supporting a data-driven study of autism spectrum disorder and robot enhanced therapy. PLoS ONE, 2020, 15, e0236939.	2.5	27
4	Evaluating the User Experience of Humanâ€“Robot Interaction. Springer Series on Bio- and Neurosystems, 2020, , 231-256.	0.2	25
5	Title is missing!. , 2020, 15, e0236939.		0
6	Title is missing!. , 2020, 15, e0236939.		0
7	Title is missing!. , 2020, 15, e0236939.		0
8	Title is missing!. , 2020, 15, e0236939.		0
9	Robot-Enhanced Therapy: Development and Validation of Supervised Autonomous Robotic System for Autism Spectrum Disorders Therapy. IEEE Robotics and Automation Magazine, 2019, 26, 49-58.	2.0	52
10	Social Robots in Therapy and Care. , 2019, , .		13
11	Sensing-Enhanced Therapy System for Assessing Children With Autism Spectrum Disorders: A Feasibility Study. IEEE Sensors Journal, 2019, 19, 1508-1518.	4.7	19
12	Affective Touch in Humanâ€“Robot Interaction: Conveying Emotion to the Nao Robot. International Journal of Social Robotics, 2018, 10, 473-491.	4.6	94
13	Robot Enhanced Therapy for Children with Autism (DREAM): A Social Model of Autism. IEEE Technology and Society Magazine, 2018, 37, 30-39.	0.8	35
14	Conveying Emotions by Touch to the Nao Robot: A User Experience Perspective. Multimodal Technologies and Interaction, 2018, 2, 82.	2.5	15
15	Conceptualizing Embodied Automation to Increase Transfer of Tacit knowledge in the Learning Factory. , 2018, , .		6
16	Designing for a Wearable Affective Interface for the NAO Robot: A Study of Emotion Conveyance by Touch. Multimodal Technologies and Interaction, 2018, 2, 2.	2.5	22
17	Affective-Associative Two-Process theory: A neural network investigation of adaptive behaviour in differential outcomes training. Adaptive Behavior, 2017, 25, 5-23.	1.9	12
18	How to Build a Supervised Autonomous System for Robot-Enhanced Therapy for Children with Autism Spectrum Disorder. Paladyn, 2017, 8, 18-38.	2.7	100

#	Article	IF	Citations
19	Affectiveâ€“associative two-process theory: a neurocomputational account of partial reinforcement extinction effects. Biological Cybernetics, 2017, 111, 365-388.	1.3	9
20	User experience of conveying emotions by touch. , 2017, , .		8
21	A New Look at Habits Using Simulation Theory. Proceedings (mdpi), 2017, 1, 224.	0.2	0
22	Textile Pressure Mapping Sensor for Emotional Touch Detection in Human-Robot Interaction. Sensors, 2017, 17, 2585.	3.8	18
23	Tactile Interaction and Social Touch. , 2017, , .		2
24	Reframing HRI Education: A Dialogic Reformulation of HRI Education to Promote Diverse Thinking and Scientific Progress. Journal of Human-robot Interaction, 2017, 6, 3.	2.0	5
25	Finding Your Way from the Bed to the Kitchen: Reenacting and Recombining Sensorimotor Episodes Learned from Human Demonstration. Frontiers in Robotics and AI, 2016, 3, .	3.2	7
26	Grounding emotions in robots â€“ An introduction to the special issue. Adaptive Behavior, 2016, 24, 263-266.	1.9	8
27	Simultaneous recognition and reproduction of demonstrated behavior. Biologically Inspired Cognitive Architectures, 2015, 12, 43-53.	0.9	3
28	Simultaneous planning and action: neural-dynamic sequencing of elementary behaviors in robot navigation. Adaptive Behavior, 2015, 23, 243-264.	1.9	2
29	A neural dynamic model of associative two-process theory: The differential outcomes effect and infant development. , 2014, , .		4
30	Modeling the interplay between conditioning and attention in a humanoid robot: Habituation and attentional blocking. , 2014, , .		6
31	Predictive Learning from Demonstration. Communications in Computer and Information Science, 2011, , 186-200.	0.5	2