

# Erik Billing

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5539250/publications.pdf>

Version: 2024-02-01

31  
papers

500  
citations

840776

11  
h-index

752698

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

508  
citing authors

#	ARTICLE	IF	CITATIONS
1	How to Build a Supervised Autonomous System for Robot-Enhanced Therapy for Children with Autism Spectrum Disorder. <i>Paladyn</i> , 2017, 8, 18-38.	2.7	100
2	Affective Touch in Human-Robot Interaction: Conveying Emotion to the Nao Robot. <i>International Journal of Social Robotics</i> , 2018, 10, 473-491.	4.6	94
3	Robot-Enhanced Therapy: Development and Validation of Supervised Autonomous Robotic System for Autism Spectrum Disorders Therapy. <i>IEEE Robotics and Automation Magazine</i> , 2019, 26, 49-58.	2.0	52
4	Robot Enhanced Therapy for Children with Autism (DREAM): A Social Model of Autism. <i>IEEE Technology and Society Magazine</i> , 2018, 37, 30-39.	0.8	35
5	The DREAM Dataset: Supporting a data-driven study of autism spectrum disorder and robot enhanced therapy. <i>PLoS ONE</i> , 2020, 15, e0236939.	2.5	27
6	Evaluating the User Experience of Human-Robot Interaction. <i>Springer Series on Bio- and Neurosystems</i> , 2020, , 231-256.	0.2	25
7	Designing for a Wearable Affective Interface for the NAO Robot: A Study of Emotion Conveyance by Touch. <i>Multimodal Technologies and Interaction</i> , 2018, 2, 2.	2.5	22
8	Sensing-Enhanced Therapy System for Assessing Children With Autism Spectrum Disorders: A Feasibility Study. <i>IEEE Sensors Journal</i> , 2019, 19, 1508-1518.	4.7	19
9	Textile Pressure Mapping Sensor for Emotional Touch Detection in Human-Robot Interaction. <i>Sensors</i> , 2017, 17, 2585.	3.8	18
10	Conveying Emotions by Touch to the Nao Robot: A User Experience Perspective. <i>Multimodal Technologies and Interaction</i> , 2018, 2, 82.	2.5	15
11	Social Robots in Therapy and Care. , 2019, , .		13
12	Affective-Associative Two-Process theory: A neural network investigation of adaptive behaviour in differential outcomes training. <i>Adaptive Behavior</i> , 2017, 25, 5-23.	1.9	12
13	Affective-associative two-process theory: a neurocomputational account of partial reinforcement extinction effects. <i>Biological Cybernetics</i> , 2017, 111, 365-388.	1.3	9
14	Grounding emotions in robots - An introduction to the special issue. <i>Adaptive Behavior</i> , 2016, 24, 263-266.	1.9	8
15	User experience of conveying emotions by touch. , 2017, , .		8
16	Finding Your Way from the Bed to the Kitchen: Reenacting and Recombining Sensorimotor Episodes Learned from Human Demonstration. <i>Frontiers in Robotics and AI</i> , 2016, 3, .	3.2	7
17	Modeling the interplay between conditioning and attention in a humanoid robot: Habituation and attentional blocking. , 2014, , .		6
18	Conceptualizing Embodied Automation to Increase Transfer of Tacit knowledge in the Learning Factory. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Reframing HRI Education: A Dialogic Reformulation of HRI Education to Promote Diverse Thinking and Scientific Progress. <i>Journal of Human-robot Interaction</i> , 2017, 6, 3.	2.0	5
20	A neural dynamic model of associative two-process theory: The differential outcomes effect and infant development. , 2014, , .		4
21	Current Trends in Research and Application of Digital Human Modeling. <i>Lecture Notes in Networks and Systems</i> , 2022, , 358-366.	0.7	4
22	Simultaneous recognition and reproduction of demonstrated behavior. <i>Biologically Inspired Cognitive Architectures</i> , 2015, 12, 43-53.	0.9	3
23	Simultaneous planning and action: neural-dynamic sequencing of elementary behaviors in robot navigation. <i>Adaptive Behavior</i> , 2015, 23, 243-264.	1.9	2
24	Tactile Interaction and Social Touch. , 2017, , .		2
25	Predictive Learning from Demonstration. <i>Communications in Computer and Information Science</i> , 2011, , 186-200.	0.5	2
26	The Social Robot Expectation Gap Evaluation Framework. <i>Lecture Notes in Computer Science</i> , 2022, , 590-610.	1.3	2
27	A New Look at Habits Using Simulation Theory. <i>Proceedings (mdpi)</i> , 2017, 1, 224.	0.2	0
28	Title is missing!. , 2020, 15, e0236939.		0
29	Title is missing!. , 2020, 15, e0236939.		0
30	Title is missing!. , 2020, 15, e0236939.		0
31	Title is missing!. , 2020, 15, e0236939.		0