Matthew Lewis

List of Publications by Year
in descending order

13 papers	**268** citations

1478505
6
h-index

1588992
8
g-index

13 all docs	**13** docs citations	**13** times ranked	**304** citing authors

#	Article	IF	Citations
1	Multimodal Child-Robot Interaction: Building Social Bonds. Journal of Human-robot Interaction, 2013, 1, .	2.0	98
2	Making New "New AI" Friends: Designing a Social Robot for Diabetic Children from an Embodied AI Perspective. International Journal of Social Robotics, 2016, 8, 523-537.	4.6	36
3	Hedonic quality or reward? A study of basic pleasure in homeostasis and decision making of a motivated autonomous robot. Adaptive Behavior, 2016, 24, 267-291.	1.9	28
4	Children's adaptation in multi-session interaction with a humanoid robot. , 2012, , .		26
5	Arousal regulation and affective adaptation to human responsiveness by a robot that explores and learns a novel environment. Frontiers in Neurorobotics, 2014, 8, 17.	2.8	20
6	A Robot Model of OC-Spectrum Disorders: Design Framework, Implementation, and First Experiments. Computational Psychiatry, 2020, 3, 40.	2.0	16
7	Are Discrete Emotions Useful in Human-Robot Interaction? Feedback from Motion Capture Analysis. , 2013, , .		12
8	An affective autonomous robot toddler to support the development of self-efficacy in diabetic children. , 2014, , .		12
9	A Hormone-Driven Epigenetic Mechanism for Adaptation in Autonomous Robots. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 445-454.	3.8	11
10	A Robot Model of Stress-Induced Compulsive Behavior. , 2019, , .		6
11	An Embodied AI Approach to Individual Differences: Supporting Self-Efficacy in Diabetic Children with an Autonomous Robot. Lecture Notes in Computer Science, 2015, , 401-410.	1.3	1
12	Expression of Grounded Affect: How Much Emotion Can Arousal Convey?. Lecture Notes in Computer Science, 2020, , 234-248.	1.3	1
13	Does Expression of Grounded Affect in a Hexapod Robot Elicit More Prosocial Responses?. , 2020, , .		1