

# Mahdi Khoramshahi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

343  
citations

1039406

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1372195

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15  
all docs

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docs citations

15  
times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamical System Approach for Softly Catching a Flying Object: Theory and Experiment. IEEE Transactions on Robotics, 2016, 32, 462-471.	7.3	67
2	A dynamical system approach to task-adaptation in physical human-robot interaction. Autonomous Robots, 2019, 43, 927-946.	3.2	67
3	Unravelling socio-motor biomarkers in schizophrenia. NPJ Schizophrenia, 2017, 3, 8.	2.0	32
4	Humanoid robots versus humans: How is emotional valence of facial expressions recognized by individuals with schizophrenia? An exploratory study. Schizophrenia Research, 2016, 176, 506-513.	1.1	28
5	Adaptation in Variable Parallel Compliance: Towards Energy Efficiency in Cyclic Tasks. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1059-1070.	3.7	27
6	Role of Gaze Cues in Interpersonal Motor Coordination: Towards Higher Affiliation in Human-Robot Interaction. PLoS ONE, 2016, 11, e0156874.	1.1	21
7	Adaptive Natural Oscillator to exploit natural dynamics for energy efficiency. Robotics and Autonomous Systems, 2017, 97, 51-60.	3.0	19
8	From Human Physical Interaction To Online Motion Adaptation Using Parameterized Dynamical Systems. , 2018, , .		18
9	Influence of facial feedback during a cooperative human-robot task in schizophrenia. Scientific Reports, 2017, 7, 15023.	1.6	17
10	A dynamical system approach for detection and reaction to human guidance in physical human-robot interaction. Autonomous Robots, 2020, 44, 1411-1429.	3.2	14
11	Force Adaptation in Contact Tasks with Dynamical Systems. , 2020, , .		10
12	Evaluation of an Industrial Robotic Assistant in an Ecological Environment. , 2019, , .		8
13	Cognitive mechanism in synchronized motion: An internal predictive model for manual tracking control (special session). , 2014, , .		6
14	Does this robot have a mind? Schizophrenia patients' mind perception toward humanoid robots. Schizophrenia Research, 2018, 197, 585-586.	1.1	5
15	Intent-aware control in kinematically redundant systems: Towards collaborative wearable robots. , 2021, , .		4