

# Bahram Tarvirdizadeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2323220/publications.pdf>

Version: 2024-02-01

14  
papers

134  
citations

1478505

6  
h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation control of multiple wheeled mobile robots based on model predictive control. <i>Robotica</i> , 2022, 40, 3178-3213.	1.9	6
2	Falling Analysis and Examination of Different Novel Strategies for Preserving the Postural Stability of a User Wearing ASR-EXO during Stair Climbing. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2022, 105, 1.	3.4	2
3	A numerical algorithm to find optimum parameters of a flexible-link manipulator arm for performing payload launching. <i>Engineering Computations</i> , 2021, ahead-of-print, .	1.4	0
4	A novel online method for identifying motion artifact and photoplethysmography signal reconstruction using artificial neural networks and adaptive neuro-fuzzy inference system. <i>Neural Computing and Applications</i> , 2020, 32, 3549-3566.	5.6	23
5	Fabrication of a portable device for stress monitoring using wearable sensors and soft computing algorithms. <i>Neural Computing and Applications</i> , 2020, 32, 7515-7537.	5.6	35
6	Design and control of a lower limb rehabilitation robot considering undesirable torques of the patient's limb. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 1457-1471.	1.8	25
7	Tracking-Error Fuzzy-Based Control for Nonholonomic Wheeled Robots. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 881-892.	3.0	12
8	Near-time-optimal motion control for flexible-link systems using absolute nodal coordinates formulation. <i>Mechanism and Machine Theory</i> , 2019, 140, 686-710.	4.5	10
9	On the capability of wheeled mobile robots for heavy object manipulation considering dynamic stability constraints. <i>Multibody System Dynamics</i> , 2017, 41, 101-123.	2.7	12
10	Knee rehabilitation robot control by Sliding-Backstepping and Admittance control. , 2017, , .		1
11	Learning a model-free robotic continuous state-action task through contractive Q-network. , 2017, , .		2
12	Design and Prototyping a New Add-on Module to Increase Traction Force of a Wheeled Sewer Inspection Robot. , 2017, , .		1
13	Design and Implementation of a Cable Driven Lower Limb Exoskeleton for Stair Climbing. , 2017, , .		3
14	Best parameters of flexible link manipulator systems for Dynamic Object Manipulation execution. , 2015, , .		1