Hamed Rahimi Nohooji

List of Publications by Year
in descending order

26	617	758635 12	676716 22
papers	citations	h-index	g-index

26	26	26	614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic analysis and intelligent control techniques for flexible manipulators: a review. Advanced Robotics, 2014, 28, 63-76.	1.1	132
2	Mathematical modeling and trajectory planning of mobile manipulators with flexible links and joints. Applied Mathematical Modelling, 2012, 36, 3229-3244.	2.2	67
3	Path Planning of Mobile Elastic Robotic Arms by Indirect Approach of Optimal Control. International Journal of Advanced Robotic Systems, 2011, 8, 10.	1.3	49
4	Adaptive PID Control of Wind Turbines for Power Regulation With Unknown Control Direction and Actuator Faults. IEEE Access, 2018, 6, 37464-37479.	2.6	48
5	Neural adaptive tracking control for an uncertain robot manipulator with time-varying joint space constraints. Mechanical Systems and Signal Processing, 2018, 112, 44-60.	4.4	47
6	Constrained neural adaptive PID control for robot manipulators. Journal of the Franklin Institute, 2020, 357, 3907-3923.	1.9	45
7	Backstepping Nussbaum gain dynamic surface control for a class of input and state constrained systems with actuator faults. Information Sciences, 2019, 482, 27-46.	4.0	36
8	Neural network adaptive control design for robot manipulators under velocity constraints. Journal of the Franklin Institute, 2018, 355, 693-713.	1.9	28
9	Neural impedance adaption for assistive humanâ€“robot interaction. Neurocomputing, 2018, 290, 50-59.	3.5	24
10	Power maximization of variable-speed variable-pitch wind turbines using passive adaptive neural fault tolerant control. Frontiers of Mechanical Engineering, 2017, 12, 377-388.	2.5	22
11	Optimal point-to-point motion planning of non-holonomic mobile robots in the presence of multiple obstacles. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2014, 36, 221-232.	0.8	18
12	The Classification of the Applicable Machine Learning Methods in Robot Manipulators. International Journal of Machine Learning and Computing, 2012, , 560-563.	0.8	17
13	Trajectory optimization of nonholonomic mobile manipulators departing to a moving target amidst moving obstacles. Acta Mechanica, 2013, 224, 995-1008.	1.1	14
14	Optimum efficiency control of a wind turbine with unknown desired trajectory and actuator faults. Journal of Renewable and Sustainable Energy, 2017, 9, 063305.	0.8	12
15	Trajectory planning of mobile robots using indirect solution of optimal control method in generalized point-to-point task. Frontiers of Mechanical Engineering, 2012, 7, 23-28.	2.5	10
16	Fault-Tolerant Neuro Adaptive Constrained Control of Wind Turbines for Power Regulation with Uncertain Wind Speed Variation. Energies, 2019, 12, 4712.	1.6	9
17	Smooth Jerk-Bounded Optimal Path Planning of Tricycle Wheeled Mobile Manipulators in the Presence of Environmental Obstacles. International Journal of Advanced Robotic Systems, 2012, 9, 105.	1.3	8
18	Nonlinear dynamic analysis for elastic robotic arms. Frontiers of Mechanical Engineering, 2011, 6, 219.	2.5	7

#	Article	IF	Citations
19	Trajectory Optimization of Flexible Mobile Manipulators Using Open-Loop Optimal Control Method. Lecture Notes in Computer Science, 2008, , 54-63.	1.0	5
20	Dynamic optimal payload path planning of mobile manipulators among moving obstacles. Advanced Robotics, 2014, 28, 1389-1402.	1.1	4
21	Constrained control of wind turbines for power regulation in full load operation. , 2017, , .		4
22	A neuro-adaptive maximum power tracking control of variable speed wind turbines with actuator faults. , 2017, , .		4
23	Analysis of Four Wheeled Flexible Joint Robotic Arms with Application on Optimal Motion Design. Studies in Computational Intelligence, 2009, , 107-116.	0.7	3
24	Optimal Motion Planning of Manipulators With Elastic Links and Joints in Generalized Point-to-Point Task. , 2009, , .		2
25	The Comparative Assessment of Modeling and Control of Mechanical Robot Manipulators. , 2010, , .		1
26	Optimal robotâ€environment interaction using inverse differential Riccati equation. Asian Journal of Control, 2020, 22, 1401-1410.	1.9	1