

Mojtaba Sharifi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

363
citations

12
h-index

18
g-index

27
ext. papers

482
ext. citations

3.1
avg, IF

4.19
L-index

#	Paper	IF	Citations
24	Nonlinear model reference adaptive impedance control for human-robot interactions. <i>Control Engineering Practice</i> , 2014 , 32, 9-27	3.9	64
23	Adaptive robust control of cancer chemotherapy in the presence of parametric uncertainties: a comparison between three hypotheses. <i>Computers in Biology and Medicine</i> , 2015 , 56, 145-57	7	34
22	Nonlinear robust adaptive sliding mode control of influenza epidemic in the presence of uncertainty. <i>Journal of Process Control</i> , 2017 , 56, 48-57	3.9	33
21	Model reference adaptive impedance control in Cartesian coordinates for physical human-robot interaction. <i>Advanced Robotics</i> , 2014 , 28, 1277-1290	1.7	32
20	Cooperative modalities in robotic tele-rehabilitation using nonlinear bilateral impedance control. <i>Control Engineering Practice</i> , 2017 , 67, 52-63	3.9	27
19	Robotic assistance for children with cerebral palsy based on learning from tele-cooperative demonstration. <i>International Journal of Intelligent Robotics and Applications</i> , 2017 , 1, 43-54	1.7	22
18	Nonlinear robust adaptive Cartesian impedance control of UAVs equipped with a robot manipulator. <i>Advanced Robotics</i> , 2015 , 29, 171-186	1.7	21
17	Impedance control of non-linear multi-DOF teleoperation systems with time delay: absolute stability. <i>IET Control Theory and Applications</i> , 2018 , 12, 1722-1729	2.5	17
16	Nonlinear Bilateral Adaptive Impedance Control With Applications in Telesurgery and Telerehabilitation. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016 , 138,	1.6	17
15	Control of malaria outbreak using a non-linear robust strategy with adaptive gains. <i>IET Control Theory and Applications</i> , 2019 , 13, 2308-2317	2.5	15
14	Tele-echography of moving organs using an Impedance-controlled telerobotic system. <i>Mechatronics</i> , 2017 , 45, 60-70	3	13
13	Impedance Variation and Learning Strategies in Human-Robot Interaction. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	12
12	State estimation-based control of COVID-19 epidemic before and after vaccine development. <i>Journal of Process Control</i> , 2021 , 102, 1-14	3.9	10
11	Stable Nonlinear Trilateral Impedance Control for Dual-User Haptic Teleoperation Systems With Communication Delays. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2017 , 139,	1.6	8
10	Optimal control of human-like musculoskeletal arm: Prediction of trajectory and muscle forces. <i>Optimal Control Applications and Methods</i> , 2017 , 38, 167-183	1.7	6
9	Model reference adaptive impedance control of rehabilitation robots in operational space 2012 ,		6
8	Patient-Robot-Therapist Collaboration Using Resistive Impedance Controlled Tele-Robotic Systems Subjected to Time Delays. <i>Journal of Mechanisms and Robotics</i> , 2018 , 10,	2.2	5

7	Intelligent Locomotion Planning With Enhanced Postural Stability for Lower-Limb Exoskeletons. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 7588-7595	4.2	5
6	Nonlinear adaptive control of tuberculosis with consideration of the risk of endogenous reactivation and exogenous reinfection. <i>Journal of Theoretical Biology</i> , 2020 , 486, 110081	2.3	3
5	Impedance Learning-Based Adaptive Control for Human-Robot Interaction. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-14	4.8	3
4	Adaptive CPG-Based Gait Planning With Learning-Based Torque Estimation and Control for Exoskeletons. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 8261-8268	4.2	3
3	A Novel Robust Model Reference Adaptive Impedance Control Scheme for an Active Transtibial Prosthesis. <i>Robotica</i> , 2019 , 37, 1562-1581	2.1	2
2	Adaptive impedance control of UAVs interacting with environment using a robot manipulator 2014 ,		2
1	Delay-Robust Nonlinear Control of Bounded-Input Telerobotic Systems With Synchronization Enhancement. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 2493-2500	4.2	2