

Wenjun Ye

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

279
citations

933447

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h-index

1058476

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g-index

19
all docs

19
docs citations

19
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilateral Teleoperation of Holonomic Constrained Robotic Systems With Time-Varying Delays. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 752-765.	4.7	57
2	Conformational selection or induced fit for Brinker and DNA recognition. Physical Chemistry Chemical Physics, 2011, 13, 1407-1412.	2.8	31
3	Adaptive fuzzy-based motion generation and control of mobile under-actuated manipulators. Engineering Applications of Artificial Intelligence, 2014, 30, 86-95.	8.1	29
4	Control strategy based on Fourier transformation and intelligent optimization for planar Pendubot. Information Sciences, 2019, 491, 279-288.	6.9	27
5	Motion Detection Enhanced Control of an Upper Limb Exoskeleton Robot for Rehabilitation Training. International Journal of Humanoid Robotics, 2017, 14, 1650031.	1.1	19
6	Development of human-machine interface for teleoperation of a mobile manipulator. International Journal of Control, Automation and Systems, 2012, 10, 1225-1231.	2.7	18
7	A General Position Control Method for Planar Underactuated Manipulators With Second-Order Nonholonomic Constraints. IEEE Transactions on Cybernetics, 2021, 51, 4733-4742.	9.5	17
8	Modeling of photo-responsive liquid crystal elastomer actuators. Information Sciences, 2021, 560, 441-455.	6.9	17
9	Distributed Leader-follower Formation Control of Nonholonomic Mobile Robots. IFAC-PapersOnLine, 2019, 52, 67-72.	0.9	15
10	A novel position-posture control method using intelligent optimization for planar underactuated mechanical systems. Mechanism and Machine Theory, 2019, 140, 258-273.	4.5	13
11	Dynamic modeling of dielectric elastomer actuator with conical shape. PLoS ONE, 2020, 15, e0235229.	2.5	11
12	Dynamic modeling of dielectric elastomer actuators based on thermodynamic theory. Mechanics of Advanced Materials and Structures, 2022, 29, 1543-1552.	2.6	10
13	Dynamic Modeling for Dielectric Elastomer Actuators Based on LSTM Deep Neural Network. , 2020, , .		5
14	Positioning control of liquid crystal elastomer actuator based on double closed-loop system structure. Control Engineering Practice, 2022, 123, 105136.	5.5	4
15	Modeling Based on a Two-Step Parameter Identification Strategy for Liquid Crystal Elastomer Actuator Considering Dynamic Phase Transition Process. IEEE Transactions on Cybernetics, 2023, 53, 4423-4434.	9.5	3
16	Study of Soft Force and Displacement Sensor Based on Dielectric Elastomer. , 2020, , .		2
17	Adaptive Control of a Class of Nonlinear Systems with Unknown Prandtl-Ishlinskii Hysteresis. , 2019, , .		1
18	A One-Stage Control Strategy for Planar Underactuated Manipulators. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Robust Adaptive Control of Uncertain Systems Preceded with Unknown Hysteresis Actuators. , 2021, , .		0