

Yang Peng

List of Publications by Year in descending order

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26
papers

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docs citations

26
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Command Filter Backstepping Sliding Model Control for Lower-Limb Exoskeleton. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-10.	1.1	13
2	Multivariable Finite-Time Control of 5 DOF Upper-Limb Exoskeleton Based on Linear Extended Observer. <i>IEEE Access</i> , 2018, 6, 43213-43221.	4.2	13
3	A study on control mechanism of above knee robotic prosthesis based on CPG model. , 2010, , .		10
4	Integrated Observer-based Fixed-time Control with Backstepping Method for Exoskeleton Robot. <i>International Journal of Automation and Computing</i> , 2020, 17, 71-82.	4.5	10
5	Design and simulation of Active Transfemoral Prosthesis. , 2012, , .		9
6	Adaptive Finite Time Control for Wearable Exoskeletons Based on Ultra-local Model and Radial Basis Function Neural Network. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 889-899.	2.7	8
7	A learning control scheme for upper-limb exoskeleton via adaptive sliding mode technique. <i>Mechatronics</i> , 2022, 86, 102832.	3.3	7
8	Dimension Reduction and Feedback Stabilization for Max-Plus Linear Systems and Applications in VLSI Array Processors. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 6353-6368.	5.7	6
9	A Family of Distributed Momentum Methods Over Directed Graphs With Linear Convergence. <i>IEEE Transactions on Automatic Control</i> , 2023, 68, 1085-1092.	5.7	5
10	Sound source localization system based on mobile robot. , 2012, , .		4
11	Intelligent lower limb prosthesis following healthy leg gait based on fuzzy control. , 2012, , .		3
12	Leg amputees motion pattern recognition based on principal component analysis and BP network. , 2013, , .		3
13	Design and implementation of auditory system for mobile robot based on Kinect sensor. , 2016, , .		3
14	Position fingerprint localization method based on linear interpolation in robot auditory system. , 2017, , .		3
15	Embedded Multi-Physiological Parameter Collecting and Displaying System Based on Windows CE. , 2010, , .		2
16	Reachability for interval max-plus linear systems. , 2017, , .		2
17	Adaptive sliding mode control for a flexible hypersonic vehicle with actuator saturation. , 2016, , .		1
18	Fixed-time control for upper-limb exoskeleton with bounded disturbances. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	The influence of walking speed on muscle activity of thigh and application in prostheses control. , 2010, , .		0
20	Fuzzy control for hyperchaotic systems via nonuniform sampling approach. , 2012, , .		0
21	Synchronization of Neural Networks with Mixed Time Delays under Information Constraints. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.7	0
22	Audio sensors fusion based on vote for robot navigation. , 2013, , .		0
23	Modeling and simulating for congestion evacuation based on multi-agent approach. , 2014, , .		0
24	Study on estimation of lithium-ion battery based on dual-power model and ampere-hour method. , 2015, , .		0
25	Output feedback stabilization of a class of single-input and single-output max-min-plus systems. , 2016, , .		0
26	Synthesis for Discrete-Time Markov Jump Systems with Event Triggered Strategy. , 2018, , .		0