

Title	Author(s)	Volume number	Issue number	Year	Downloads	SCI Citations	WoS Citations
<a href="#">Adaptive control for an uncertain robotic manipulator with input saturations</a>	Trong-Toan Tran, Shuzhi Sam Ge, Wei He	14	2	2016	159	3	6
<a href="#">Model reference adaptive impedance control for physical human-robot interaction</a>	Bakur Alqaudi, Hamidreza Modares, Isura Ranatunga, Shaikh M. Tousif, Frank L. Lewis, Dan O. Popa	14	1	2016	348	3	5
<a href="#">Output regulation problem for discrete-time linear time-delay systems by output feedback control</a>	Yamin Yan, Jie Huang	14	1	2016	162	3	3
<a href="#">Lyapunov stability and generalized invariance principle for nonconvex differential inclusions</a>	Shu Liang, Xianlin Zeng, Yiguang Hong	14	2	2016	107	3	3
<a href="#">Conical tank level control using fractional order PID controllers: a simulated and experimental study</a>	Cristian Jáuregui, Manuel A. Duarte-Mermoud, Rodrigo Oróstica, Juan Carlos Travieso-Torres, Orlando Beytia	14	4	2016	100	3	3
<a href="#">A robust online path planning approach in cluttered environments for micro rotorcraft drones</a>	Shupeng Lai, Kangli Wang, Hailong Qin, Jin Q. Cui, Ben M. Chen	14	1	2016	245	2	9
<a href="#">Robot impedance control and passivity analysis with inner torque and velocity feedback loops</a>	Michele Focchi, Gustavo A. Medrano-Cerda, Thiago Boaventura, Marco Frigerio, Claudio Semini, Jonas Buchli, Darwin G. Caldwell	14	2	2016	240	2	6
<a href="#">New results in global stabilization for stochastic nonlinear systems</a>	Tao Bian, Zhong-Ping Jiang	14	1	2016	111	2	2
<a href="#">A survey on the security of cyber-physical systems</a>	Guangyu Wu, Jian Sun, Jie	14	1	2016	592	1	8
<a href="#">Active disturbance rejection control: between the formulation in time and the understanding in frequency</a>	Qing Zheng, Zhiqiang Gao	14	3	2016	187	1	4

<a href="#">Yet another tutorial of disturbance observer: robust stabilization and recovery of nominal performance</a>	Hyungbo Shim, Gyunghoon Park, Youngjun Joo, Juhoon Back, Nam Hoon Jo	14	3	2016	199	1	3
<a href="#">On engineering game theory with its application in power systems</a>	Shengwei Mei et al.	15	1	2017	266	1	2
<a href="#">Consensus of single integrator multi-agent systems with directed topology and communication delays</a>	Xiang Xu, Lu Liu, Gang Feng	14	1	2016	137	1	1
<a href="#">Leader-following consensus for uncertain second-order nonlinear multi-agent systems</a>	Wei Liu, Jie Huang	14	4	2016	132	1	1
<a href="#">Observer-based leader-following tracking control under both fixed and switching topologies</a>	Jinhuan Wang, Pengxiao Zhang, Zhixin Liu, Xiaoming Hu	14	1	2016	123	1	1
<a href="#">Adaptive robust control for four-motor driving servo system with uncertain nonlinearities</a>	Wei Zhao, Xuemei Ren	15	1	2017	112	1	1
<a href="#">Experimental investigation of control updating period monitoring in industrial PLC-based fast MPC: Application to the constrained control of a cryogenic refrigerator</a>	François Bonne, Mazen Alamir, Patrick Bonnay	15	2	2017	95	1	1
<a href="#">A unified approach to output synchronization of heterogeneous multi-agent systems via L2-gain design</a>	Shan ZUO, Yongduan SONG, Hamidreza MODARES, Frank L. LEWIS, Ali DAVOUDI	15	4	2017	87	1	1
<a href="#">Robust flat filtering DSP based control of the boost converter</a>	Hebertt Sira-Ramírez, Arturo Hernández-Méndez, Jesús Linares-Flores, Alberto Luviano-Juárez	14	3	2016	79	1	1
<a href="#">Matrix expression and vaccination control for epidemic dynamics over dynamic networks</a>	Peilian Guo, Yuzhen Wang	14	1	2016	78	1	1
<a href="#">Control of systems with sector-bounded nonlinearities: Robust stability and command effort minimization by disturbance rejection</a>	Carlo Novara, Enrico Canuto, Donato Carlucci	14	3	2016	74	1	1
<a href="#">Energy-efficient control of nanosatellites during distributed region formation flying</a>	Reza Haghghi, Chee Khiang Pang	14	4	2016	65	1	1
<a href="#">Convergence, stability and robustness analysis of the OFEX controller for high-speed networks</a>	Jungang Liu, Oliver W. W. Yang	14	2	2016	36	1	1

<a href="#">A semi-Markov model for post-earthquake emergency response in a smart city</a>	Shuva Ghosh, Abhijit Gosavi	15	1	2017	97		2
<a href="#">Sampled-data extended state observer for uncertain nonlinear systems</a>	Chuan Tian, Peng Yan, Zhen Zhang	14	3	2016	121		1
<a href="#">Local model networks based mixed-sensitivity H-infinity control of CE-150 helicopters</a>	Mohamed Redouane Kafi, Hicham Chaoui, Suruz Miah, Abderrazak Debilou	15	1	2017	55		1
<a href="#">MPC-based torque control of permanent magnet synchronous motor for electric vehicles via switching optimization</a>	Bingtao REN, Hong CHEN, Haiyan ZHAO, Wei XU	15	2	2017	194		
<a href="#">On ADRC for non-minimum phase systems: canonical form selection and stability conditions</a>	Wenchao Xue, Yi Huang, Zhiqiang Gao	14	3	2016	136		
<a href="#">Optimal decentralized control of large scale systems</a>	Xiao Qi Shi, Daniel E. Davison, Raymond Kwong, Edward J.	14	4	2016	132		
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<a href="#">Distributed non-cooperative robust MPC based on reduced-order models</a>	Yushen Long, Shuai Liu, Lihua Xie, Karl Henrik Johansson	14	1	2016	111		
<a href="#">Adaptive control of a class of nonlinear time-varying systems with multiple models</a>	Koshy George, Karpagavalli Subramanian	14	4	2016	104		
<a href="#">Global finite-time attitude regulation using bounded feedback for a rigid spacecraft</a>	Yusong Zhou et al.	15	1	2017	97		
<a href="#">A necessary and sufficient stabilization condition for discrete time-varying stochastic systems with multiplicative noise</a>	Rong Gao, Xiaohua Liu, Huanshui Zhang	14	2	2016	93		
<a href="#">Cylinder pressure based combustion phase optimization and control in spark-ignited engines</a>	Yahui ZHANG, Tielong SHEN	15	2	2017	92		
<a href="#">Adaptive leader-following rendezvous and flocking for a class of uncertain second-order nonlinear multi-agent systems</a>	Wei Liu, Jie Huang	15	4	2017	84		

<a href="#">Solving Lyapunov equation by quantum algorithm</a>	He Sun, Jing Zhang	15	4	2017	82		
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<a href="#">Feedback stabilization of N-dimensional stochastic quantum systems based on bang-bang control</a>	Xiaqing Sun et al.	15	3	2017	61		
<a href="#">Quantum learning control using differential evolution with equally-mixed strategies</a>	Hailan Ma et al.	15	3	2017	60		
<a href="#">On the minimum number of neighbors needed for consensus of flocks</a>	Chen CHEN, Ge CHEN, Lei GUO	15	4	2017	58		
<a href="#">Modeling robotic operations controlled by natural language</a>	Yu CHENG, Jiatong BAO, Yunyi JIA, Zhihui DENG, Zhiyong SUN, Sheng BI, Congjian LI, Ning XI	15	4	2017	58		
<a href="#">A phase-space formulation and Gaussian approximation of the filtering equations for nonlinear quantum stochastic systems</a>	Igor G. Vladimirov	15	3	2017	55		
<a href="#">Time-optimal control for hybrid systems based on the nitrogen-vacancy center</a>	Shanping Yu et al.	15	3	2017	53		

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<a href="#">Distributed and recursive blind channel identification to sensor networks</a>	Rui Liu, Han-Fu Chen	15	4	2017	44		
<a href="#">Design of high performance linear feedback laws for operation that extends into the nonlinear region of AMB systems</a>	Xujun Lyu, Yefa HU, Huachun WU, Zongli LIN	15	4	2017	42		
<a href="#">Pole placement approach to coherent passive reservoir engineering for storing quantum information</a>	Thien Nguyen et al.	15	3	2017	31		