

# Shihua Li

## 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.

547  
papers

20,182  
citations

70  
h-index

125  
g-index

657  
ext. papers

25,559  
ext. citations

4.8  
avg, IF

7.69  
L-index

#	Paper	IF	Citations
547	Disturbance-Observer-Based Control and Related Methods—An Overview. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 1083-1095	8.9	1184
546	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 160-169	8.9	764
545	Finite-time consensus algorithm for multi-agent systems with double-integrator dynamics. <i>Automatica</i> , <b>2011</b> , 47, 1706-1712	5.7	589
544	Finite-Time Attitude Tracking Control of Spacecraft With Application to Attitude Synchronization. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 2711-2717	5.9	478
543	Generalized Extended State Observer Based Control for Systems With Mismatched Uncertainties. <i>IEEE Transactions on Industrial Electronics</i> , <b>2012</b> , 59, 4792-4802	8.9	429
542	Speed Control for PMSM Servo System Using Predictive Functional Control and Extended State Observer. <i>IEEE Transactions on Industrial Electronics</i> , <b>2012</b> , 59, 1171-1183	8.9	428
541	Continuous nonsingular terminal sliding mode control for systems with mismatched disturbances. <i>Automatica</i> , <b>2013</b> , 49, 2287-2291	5.7	371
540	Adaptive Speed Control for Permanent-Magnet Synchronous Motor System With Variations of Load Inertia. <i>IEEE Transactions on Industrial Electronics</i> , <b>2009</b> , 56, 3050-3059	8.9	369
539	Disturbance/Uncertainty Estimation and Attenuation Techniques in PMSM Drives—A Survey. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 3273-3285	8.9	263
538	Design and Implementation of Terminal Sliding Mode Control Method for PMSM Speed Regulation System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 1879-1891	11.9	259
537	Distributed finite-time containment control for double-integrator multiagent systems. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 1518-28	10.2	247
536	Non-linear disturbance observer-based robust control for systems with mismatched disturbances/uncertainties. <i>IET Control Theory and Applications</i> , <b>2011</b> , 5, 2053-2062	2.5	222
535	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2013</b> , 49, 1263-1275	3.7	215
534	Finite-time consensus and collision avoidance control algorithms for multiple AUVs. <i>Automatica</i> , <b>2013</b> , 49, 3359-3367	5.7	209
533	CRISPR/Cas9-mediated gene editing ameliorates neurotoxicity in mouse model of Huntington's disease. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 2719-2724	15.9	197
532	High-Order Mismatched Disturbance Compensation for Motion Control Systems Via a Continuous Dynamic Sliding-Mode Approach. <i>IEEE Transactions on Industrial Informatics</i> , <b>2014</b> , 10, 604-614	11.9	186
531	Stability analysis for discrete-time switched time-delay systems. <i>Automatica</i> , <b>2009</b> , 45, 2265-2271	5.7	185

530	Model-Based Predictive Direct Control Strategies for Electrical Drives: An Experimental Evaluation of PTC and PCC Methods. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 671-681	11.9	184
529	Chattering-free discrete-time sliding mode control. <i>Automatica</i> , <b>2016</b> , 68, 87-91	5.7	179
528	Exponential stabilization of nonholonomic dynamic systems by smooth time-varying control. <i>Automatica</i> , <b>2002</b> , 38, 1139-1146	5.7	177
527	Finite time integral sliding mode control of hypersonic vehicles. <i>Nonlinear Dynamics</i> , <b>2013</b> , 73, 229-244	5	168
526	Extended state observer-based sliding mode control for PWM-based DCDC buck power converter systems with mismatched disturbances. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 579-586	2.5	165
525	Finite-time stability of cascaded time-varying systems. <i>International Journal of Control</i> , <b>2007</b> , 80, 646-657	1.5	165
524	Functional disruption of the dystrophin gene in rhesus monkey using CRISPR/Cas9. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3764-74	5.6	163
523	Continuous Finite-Time Output Regulation for Disturbed Systems Under Mismatching Condition. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 277-282	5.9	154
522	Second-order sliding mode controller design subject to mismatched term. <i>Automatica</i> , <b>2017</b> , 77, 388-392	5.7	152
521	Simple homogeneous sliding-mode controller. <i>Automatica</i> , <b>2016</b> , 67, 22-32	5.7	148
520	Robust control of nonlinear MAGLEV suspension system with mismatched uncertainties via DOBC approach. <i>ISA Transactions</i> , <b>2011</b> , 50, 389-96	5.5	145
519	Fuzzy Adaptive Internal Model Control Schemes for PMSM Speed-Regulation System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2012</b> , 8, 767-779	11.9	137
518	Finite-Time Attitude Stabilization for a Spacecraft Using Homogeneous Method. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2012</b> , 35, 740-748	2.1	135
517	Finite-time consensus of multiple nonholonomic chained-form systems based on recursive distributed observer. <i>Automatica</i> , <b>2015</b> , 62, 236-242	5.7	131
516	A Huntingtin Knockin Pig Model Recapitulates Features of Selective Neurodegeneration in Huntington's Disease. <i>Cell</i> , <b>2018</b> , 173, 989-1002.e13	56.2	131
515	Stabilization of the attitude of a rigid spacecraft with external disturbances using finite-time control techniques. <i>Aerospace Science and Technology</i> , <b>2009</b> , 13, 256-265	4.9	131
514	Finite-time boundedness and L2-gain analysis for switched delay systems with norm-bounded disturbance. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 5982-5993	2.7	130
513	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 5807-5816	8.9	129

512	Finite-time formation control of multiple nonholonomic mobile robots. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 140-165	3.6	129
511	Nonsmooth stabilization of a class of nonlinear cascaded systems. <i>Automatica</i> , <b>2012</b> , 48, 2597-2606	5.7	129
510	Micelle Formation of Long-Chain Imidazolium Ionic Liquids in Aqueous Solution Measured by Isothermal Titration Microcalorimetry. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 147-151	2.8	126
509	Accumulation of N-terminal mutant huntingtin in mouse and monkey models implicated as a pathogenic mechanism in Huntington's disease. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 2738-51	5.6	126
508	Robust Control for PWM-Based DCDC Buck Power Converters With Uncertainty Via Sampled-Data Output Feedback. <i>IEEE Transactions on Power Electronics</i> , <b>2015</b> , 30, 504-515	7.2	124
507	Multi-rate distributed fusion estimation for sensor networks with packet losses. <i>Automatica</i> , <b>2012</b> , 48, 2016-2028	5.7	123
506	Global set stabilisation of the spacecraft attitude using finite-time control technique. <i>International Journal of Control</i> , <b>2009</b> , 82, 822-836	1.5	121
505	Nonlinear disturbance observer-based control for multi-input multi-output nonlinear systems subject to mismatching condition. <i>International Journal of Control</i> , <b>2012</b> , 85, 1071-1082	1.5	119
504	Distributed Active Anti-Disturbance Consensus for Leader-Follower Higher-Order Multi-Agent Systems With Mismatched Disturbances. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 5795-5801	5.9	118
503	Attitude synchronization control for a group of flexible spacecraft. <i>Automatica</i> , <b>2014</b> , 50, 646-651	5.7	116
502	Discrete-Time Terminal Sliding Mode Control Systems Based on Euler's Discretization. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 546-552	5.9	115
501	A New Second-Order Sliding Mode and Its Application to Nonlinear Constrained Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2545-2552	5.9	113
500	Recursive design of finite-time convergent observers for a class of time-varying nonlinear systems. <i>Automatica</i> , <b>2013</b> , 49, 601-609	5.7	113
499	Expression of Huntington's disease protein results in apoptotic neurons in the brains of cloned transgenic pigs. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 3983-94	5.6	113
498	Uplink Scheduling and Link Adaptation for Narrowband Internet of Things Systems. <i>IEEE Access</i> , <b>2017</b> , 5, 1724-1734	3.5	109
497	Efficient and selective removal of dyes using imidazolium-based supramolecular gels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 10258-65	9.5	107
496	Disturbance observer based multi-variable control of ball mill grinding circuits. <i>Journal of Process Control</i> , <b>2009</b> , 19, 1205-1213	3.9	105
495	Disturbance rejection of ball mill grinding circuits using DOB and MPC. <i>Powder Technology</i> , <b>2010</b> , 198, 219-228	5.2	102

494	Attitude Synchronization for Flexible Spacecraft With Communication Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 3625-3630	5.9	100
493	Finite-Time Output Feedback Tracking Control for Autonomous Underwater Vehicles. <i>IEEE Journal of Oceanic Engineering</i> , <b>2015</b> , 40, 727-751	3.3	99
492	. <i>IEEE Transactions on Power Electronics</i> , <b>2017</b> , 32, 2052-2063	7.2	95
491	Mutant huntingtin downregulates myelin regulatory factor-mediated myelin gene expression and affects mature oligodendrocytes. <i>Neuron</i> , <b>2015</b> , 85, 1212-26	13.9	89
490	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2018</b> , 23, 769-780	5.5	87
489	Ablation of huntingtin in adult neurons is nondeleterious but its depletion in young mice causes acute pancreatitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 3359-64	11.5	86
488	A speed control for a PMSM using finite-time feedback control and disturbance compensation. <i>Transactions of the Institute of Measurement and Control</i> , <b>2010</b> , 32, 170-187	1.8	85
487	Global stabilization of a class of upper-triangular systems with unbounded or uncontrollable linearizations. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 271-294	3.6	84
486	Robust consensus algorithm for second-order multi-agent systems with external disturbances. <i>International Journal of Control</i> , <b>2012</b> , 85, 1913-1928	1.5	81
485	Promoting Cas9 degradation reduces mosaic mutations in non-human primate embryos. <i>Scientific Reports</i> , <b>2017</b> , 7, 42081	4.9	79
484	Optimized Active Disturbance Rejection Control for DC-DC Buck Converters With Uncertainties Using a Reduced-Order GPI Observer. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 832-841	3.9	78
483	Continuous Fast Nonsingular Terminal Sliding Mode Control of Automotive Electronic Throttle Systems Using Finite-Time Exact Observer. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 7160-7172	8.9	77
482	Multiple pathways contribute to the pathogenesis of Huntington disease. <i>Molecular Neurodegeneration</i> , <b>2006</b> , 1, 19	19	77
481	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2013</b> , 49, 558-579	3.7	75
480	Age-dependent decrease in chaperone activity impairs MANF expression, leading to Purkinje cell degeneration in inducible SCA17 mice. <i>Neuron</i> , <b>2014</b> , 81, 349-65	13.9	71
479	Finite time synchronization of chaotic systems. <i>Chaos, Solitons and Fractals</i> , <b>2003</b> , 15, 303-310	9.3	71
478	Periodic event-triggered robust output feedback control for nonlinear uncertain systems with time-varying disturbance. <i>Automatica</i> , <b>2018</b> , 94, 324-333	5.7	70
477	Terminal guidance laws of missile based on ISMC and NDOB with impact angle constraint. <i>Aerospace Science and Technology</i> , <b>2013</b> , 31, 30-41	4.9	70

476	Distributed active anti-disturbance output consensus algorithms for higher-order multi-agent systems with mismatched disturbances. <i>Automatica</i> , <b>2016</b> , 74, 30-37	5.7	70
475	Differential ubiquitination and degradation of huntingtin fragments modulated by ubiquitin-protein ligase E3A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5706-11	11.5	69
474	Distributed Finite-Horizon Fusion Kalman Filtering for Bandwidth and Energy Constrained Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 797-812	4.8	69
473	Global Stabilization of a Class of Feedforward Systems with Lower-Order Nonlinearities. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 691-696	5.9	69
472	Design and Implementation of Disturbance Compensation-Based Enhanced Robust Finite Control Set Predictive Torque Control for Induction Motor Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2645-2656	11.9	68
471	Early Parkinson's disease symptoms in $\beta$ -synuclein transgenic monkeys. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 2308-17	5.6	66
470	Global sampled-data output feedback stabilization for a class of uncertain nonlinear systems. <i>Automatica</i> , <b>2019</b> , 99, 403-411	5.7	66
469	Global output regulation for strict-feedback nonlinear systems with mismatched nonvanishing disturbances. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2631-2645	3.6	64
468	Finite-time tracking control of multiple nonholonomic mobile robots. <i>Journal of the Franklin Institute</i> , <b>2012</b> , 349, 2834-2860	4	64
467	Finite-time disturbance observer based non-singular terminal sliding-mode control for pulse width modulation based DCDC buck converters with mismatched load disturbances. <i>IET Power Electronics</i> , <b>2016</b> , 9, 1995-2002	2.2	63
466	Finite-time formation control of multiagent systems via dynamic output feedback. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 1609-1628	3.6	61
465	Disturbance rejection control method for permanent magnet synchronous motor speed-regulation system. <i>Mechatronics</i> , <b>2012</b> , 22, 706-714	3	61
464	Finite-time stability and finite-time weighted L2 -gain analysis for switched systems with time-varying delay. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1058-1069	2.5	60
463	Sampled-Data-Based Event-Triggered Active Disturbance Rejection Control for Disturbed Systems in Networked Environment. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 556-566	10.2	59
462	A composite control scheme for 6DOF spacecraft formation control. <i>Acta Astronautica</i> , <b>2011</b> , 69, 595-611.9	11.9	57
461	Global set stabilization of the spacecraft attitude control problem based on quaternion. <i>International Journal of Robust and Nonlinear Control</i> , <b>2010</b> , 20, 84-105	3.6	57
460	Mutant Huntingtin Impairs BDNF Release from Astrocytes by Disrupting Conversion of Rab3a-GTP into Rab3a-GDP. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 8790-801	6.6	56
459	Distributed Covariance Intersection Fusion Estimation for Cyber-Physical Systems With Communication Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 4020-4026	5.9	56

458	A composite speed controller based on a second-order model of permanent magnet synchronous motor system. <i>Transactions of the Institute of Measurement and Control</i> , <b>2011</b> , 33, 522-541	1.8	56
457	Wormlike micelles with photoresponsive viscoelastic behavior formed by surface active ionic liquid/azobenzene derivative mixed solution. <i>Langmuir</i> , <b>2015</b> , 31, 3789-98	4	55
456	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2014</b> , 50, 1765-1773	3.7	55
455	Non-linear disturbance observer-based back-stepping control for airbreathing hypersonic vehicles with mismatched disturbances. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1852-1865	2.5	55
454	Distributed Robust Fusion Estimation With Application to State Monitoring Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2994-3005	7.3	53
453	Therapeutic Effect of Berberine on Huntington's Disease Transgenic Mouse Model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134142	3.7	53
452	Disturbance rejection of dead-time processes using disturbance observer and model predictive control. <i>Chemical Engineering Research and Design</i> , <b>2011</b> , 89, 125-135	5.5	53
451	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 1890-1898	6.8	52
450	Semi-global stabilization via linear sampled-data output feedback for a class of uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2041-2061	3.6	52
449	Finite-time H <sub>∞</sub> control for a class of discrete-time switched time-delay systems with quantized feedback. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2012</b> , 17, 4802-4814	3.7	52
448	Comments on the paper: Robust controllers design with finite time convergence for rigid spacecraft attitude tracking control. <i>Aerospace Science and Technology</i> , <b>2011</b> , 15, 193-195	4.9	52
447	Finite-time boundedness and finite-time l <sub>2</sub> gain analysis of discrete-time switched linear systems with average dwell time. <i>Journal of the Franklin Institute</i> , <b>2013</b> , 350, 911-928	4	51
446	Generalized Proportional Integral Observer Based Robust Finite Control Set Predictive Current Control for Induction Motor Systems With Time-Varying Disturbances. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 1-1	11.9	50
445	Distributed Fusion Estimation With Communication Bandwidth Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 1398-1403	5.9	48
444	Global stabilization of inherently non-linear systems using continuously differentiable controllers. <i>Nonlinear Dynamics</i> , <b>2014</b> , 77, 739-752	5	48
443	Composite guidance laws based on sliding mode control with impact angle constraint and autopilot lag. <i>Transactions of the Institute of Measurement and Control</i> , <b>2013</b> , 35, 764-776	1.8	47
442	Finite-time tracking control of a nonholonomic mobile robot. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 344-357	1.7	47
441	Robust Predictive Speed Regulation of Converter-Driven DC Motors via a Discrete-Time Reduced-Order GPIO. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 7893-7903	8.9	47

440	Robust Sliding Mode Control for Robots Driven by Compliant Actuators. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 1259-1266	4.8	47
439	Composite predictive flight control for airbreathing hypersonic vehicles. <i>International Journal of Control</i> , <b>2014</b> , 87, 1970-1984	1.5	46
438	Mutant alpha-synuclein causes age-dependent neuropathology in monkey brain. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 8345-58	6.6	46
437	Siloxane surfactant induced self-assembly of gold nanoparticles and their application to SERS. <i>CrystEngComm</i> , <b>2011</b> , 13, 6179	3.3	46
436	Application of model predictive control in ball mill grinding circuit. <i>Minerals Engineering</i> , <b>2007</b> , 20, 1099-1108	1.9	46
435	Leader-Follower Consensus of Multiagent Systems With Energy Constraints: A Markovian System Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1727-1736	7.3	44
434	Global finite-time stabilisation for a class of stochastic nonlinear systems by output feedback. <i>International Journal of Control</i> , <b>2015</b> , 88, 494-506	1.5	44
433	Nested saturation control for overhead crane systems. <i>Transactions of the Institute of Measurement and Control</i> , <b>2012</b> , 34, 862-875	1.8	44
432	Distributed Mixed $H_2/H_\infty$ Fusion Estimation With Limited Communication Capacity. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 805-810	5.9	43
431	Mutant Huntingtin Inhibits B-Crystallin Expression and Impairs Exosome Secretion from Astrocytes. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 9550-9563	6.6	43
430	Finite-Time Output Feedback Control for PWM-Based DC/DC Buck Power Converters of Current Sensorless Mode. <i>IEEE Transactions on Control Systems Technology</i> , <b>2017</b> , 25, 1359-1371	4.8	43
429	A cationic surfactant-decorated liquid crystal sensing platform for simple and sensitive detection of acetylcholinesterase and its inhibitor. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 72, 25-30	11.8	42
428	GPIO-Based Robust Control of Nonlinear Uncertain Systems Under Time-Varying Disturbance With Application to DC/DC Converter. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2016</b> , 63, 1074-1078	3.5	42
427	Delay-dependent $H_2$ control for 2-D discrete state delay systems in the second FM model. <i>Multidimensional Systems and Signal Processing</i> , <b>2009</b> , 20, 333-349	1.8	41
426	Global stabilization of a class of uncertain upper-triangular systems under sampled-data control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 620-637	3.6	40
425	Disturbance Observer-Based Control		40
424	Bounded Consensus Algorithms for Multi-Agent Systems in Directed Networks. <i>Asian Journal of Control</i> , <b>2013</b> , 15, 282-291	1.7	39
423	Stability analysis for a second-order continuous finite-time control system subject to a disturbance. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 271-276		39



4 <sup>22</sup>	Global finite-time stabilisation using bounded feedback for a class of non-linear systems. <i>IET Control Theory and Applications</i> , <b>2012</b> , 6, 2326-2336	2.5	39
4 <sup>21</sup>	Distributed Finite-Time Optimization for Integrator Chain Multiagent Systems With Disturbances. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 5296-5311	5.9	38
4 <sup>20</sup>	Continuous Output Feedback TSM Control for Uncertain Systems With a DC/AC Inverter Example. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2018</b> , 65, 71-75	3.5	38
4 <sup>19</sup>	Fabrication of Liquid-Crystal-Based Optical Sensing Platform for Detection of Hydrogen Peroxide and Blood Glucose. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11607-11613	7.8	38
4 <sup>18</sup>	Antibacterial Thin-Film Nanocomposite Membranes Incorporated with Graphene Oxide Quantum Dot-Mediated Silver Nanoparticles for Reverse Osmosis Application. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 8724-8734	8.3	37
4 <sup>17</sup>	Design and Qualitative Robustness Analysis of an DOBC Approach for DC-DC Buck Converters With Unmatched Circuit Parameter Perturbations. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2016</b> , 63, 551-560	3.9	37
4 <sup>16</sup>	Finite-time stability of switched nonlinear systems with finite-time unstable subsystems. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 1192-1214	4	37
4 <sup>15</sup>	Simultaneous Detection of Multiple Tumor Markers in Blood by Functional Liquid Crystal Sensors Assisted with Target-Induced Dissociation of Aptamer. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3867-3873	7.8	36
4 <sup>14</sup>	Stimuli-Responsive Polyoxometalate/Ionic Liquid Supramolecular Spheres: Fabrication, Characterization, and Biological Applications. <i>Langmuir</i> , <b>2016</b> , 32, 421-7	4	36
4 <sup>13</sup>	Transgenic animal models for study of the pathogenesis of Huntington's disease and therapy. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 2179-88	4.4	36
4 <sup>12</sup>	Continuous finite-time anti-disturbance control for a class of uncertain nonlinear systems. <i>Transactions of the Institute of Measurement and Control</i> , <b>2014</b> , 36, 300-311	1.8	35
4 <sup>11</sup>	Discrete-Time Fast Terminal Sliding Mode Control Design for DCDC Buck Converters With Mismatched Disturbances. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 1204-1213	11.9	35
4 <sup>10</sup>	Static disturbance-to-output decoupling for nonlinear systems with arbitrary disturbance relative degree. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 562-577	3.6	34
4 <sup>09</sup>	Robust control for disturbed buck converters based on two GPI observers. <i>Control Engineering Practice</i> , <b>2017</b> , 66, 13-22	3.9	34
4 <sup>08</sup>	Progressive cognitive deficit, motor impairment and striatal pathology in a transgenic Huntington disease monkey model from infancy to adulthood. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122335	3.7	34
4 <sup>07</sup>	Cytoplasmic mislocalization of RNA splicing factors and aberrant neuronal gene splicing in TDP-43 transgenic pig brain. <i>Molecular Neurodegeneration</i> , <b>2015</b> , 10, 42	19	33
4 <sup>06</sup>	Aggregation Behavior of Imidazolium-Based Surface-Active Ionic Liquids with Photoresponsive Cinnamate Counterions in the Aqueous Solution. <i>Langmuir</i> , <b>2015</b> , 31, 12597-608	4	33
4 <sup>05</sup>	Composite Backstepping Consensus Algorithms of Leader-Follower Higher-Order Nonlinear Multiagent Systems Subject to Mismatched Disturbances. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1935-1946	10.2	33

404	A New Approach to Linear/Nonlinear Distributed Fusion Estimation Problem. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1301-1308	5.9	33
403	Composite controller design for an airbreathing hypersonic vehicle. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2012</b> , 226, 651-664	1	33
402	CRISPR/Cas9-mediated PINK1 deletion leads to neurodegeneration in rhesus monkeys. <i>Cell Research</i> , <b>2019</b> , 29, 334-336	24.7	32
401	Trace Detection of RDX, HMX and PETN Explosives Using a Fluorescence Spot Sensor. <i>Scientific Reports</i> , <b>2016</b> , 6, 25015	4.9	31
400	Global Stabilization via Sampled-Data Output Feedback for a Class of Linearly Uncontrollable and Unobservable Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 4088-4093	5.9	31
399	Effects of Surfactants and Lipids on the Preparation of Solid Lipid Nanoparticles Using Double Emulsion Method. <i>Journal of Dispersion Science and Technology</i> , <b>2011</b> , 32, 254-259	1.5	31
398	Finite-time stability and stabilization of switched linear systems <b>2009</b> ,		31
397	Output feedback continuous terminal sliding mode guidance law for missile-target interception with autopilot dynamics. <i>Aerospace Science and Technology</i> , <b>2019</b> , 86, 256-267	4.9	30
396	Microemulsion-like aggregation behaviour of an LCST-type ionic liquid in water. <i>RSC Advances</i> , <b>2014</b> , 4, 14055	3.7	30
395	Influence of species differences on the neuropathology of transgenic Huntington's disease animal models. <i>Journal of Genetics and Genomics</i> , <b>2012</b> , 39, 239-45	4	30
394	Activation of gene transcription by heat shock protein 27 may contribute to its neuronal protection. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 27944-27951	5.4	30
393	Fast convergent observer design for output feedback stabilisation of a planar vertical takeoff and landing aircraft. <i>IET Control Theory and Applications</i> , <b>2010</b> , 4, 690-700	2.5	30
392	Speed Control for a PMSM Servo System Using Model Reference Adaptive Control and an Extended State Observer. <i>Journal of Power Electronics</i> , <b>2014</b> , 14, 549-563	0.9	30
391	Output-Based Dynamic Event-Triggered Mechanisms for Disturbance Rejection Control of Networked Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1978-1988	10.2	30
390	Finite-time super-twisting sliding mode control for Mars entry trajectory tracking. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 5226-5248	4	29
389	Fabrication of pH- and temperature-directed supramolecular materials from 1D fibers to exclusively 2D planar structures using an ionic self-assembly approach. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3273-3279	7.1	29
388	Output-based disturbance rejection control for non-linear uncertain systems with unknown frequency disturbances using an observer backstepping approach. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1052-1060	2.5	29
387	Finite-time stability of switched linear systems with subsystems which are not finite-time stable. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 1137-1146	2.5	28

386	MANF regulates hypothalamic control of food intake and body weight. <i>Nature Communications</i> , <b>2017</b> , 8, 579	17.4	28
385	Stabilisation for a class of high-order non-linear systems with output constraints. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 2128-2135	2.5	28
384	A Disturbance Observer-Based Current-Constrained Controller for Speed Regulation of PMSM Systems Subject to Unmatched Disturbances. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 767-775	8.9	28
383	Large Polyglutamine Repeats Cause Muscle Degeneration in SCA17 Mice. <i>Cell Reports</i> , <b>2015</b> , 13, 196-208	10.6	27
382	Finite-time stabilization of switched linear systems with nonlinear saturating actuators. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 1464-1482	4	27
381	Species-dependent neuropathology in transgenic SOD1 pigs. <i>Cell Research</i> , <b>2014</b> , 24, 464-81	24.7	27
380	Design and implementation of continuous finite-time sliding mode control for 2-DOF inertially stabilized platform subject to multiple disturbances. <i>ISA Transactions</i> , <b>2019</b> , 84, 214-224	5.5	27
379	Finite-Time Output Consensus of Higher-Order Multiagent Systems With Mismatched Disturbances and Unknown State Elements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2571-2581	7.3	27
378	Continuous terminal sliding mode control with extended state observer for PMSM speed regulation system. <i>Transactions of the Institute of Measurement and Control</i> , <b>2017</b> , 39, 1195-1204	1.8	26
377	Multi-stimuli Responsive Supramolecular Structures Based on Azobenzene Surfactant-Encapsulated Polyoxometalate. <i>Langmuir</i> , <b>2016</b> , 32, 9293-300	4	26
376	Detection of Biomarkers in Blood Using Liquid Crystals Assisted with Aptamer-Target Recognition Triggered in Situ Rolling Circle Amplification on Magnetic Beads. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11653-11660	7.8	26
375	Finite-time soft landing on asteroids using nonsingular terminal sliding mode control. <i>Transactions of the Institute of Measurement and Control</i> , <b>2014</b> , 36, 216-223	1.8	26
374	Robust adaptive integral-sliding-mode fault-tolerant control for airbreathing hypersonic vehicles. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2012</b> , 226, 1344-1355	1	26
373	Synaptic mutant huntingtin inhibits synapsin-1 phosphorylation and causes neurological symptoms. <i>Journal of Cell Biology</i> , <b>2013</b> , 202, 1123-38	7.3	26
372	Semi-global finite-time attitude stabilization by output feedback for a rigid spacecraft. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , <b>2013</b> , 227, 1881-1891	0.9	26
371	HFilteRring for Markovian Switching Genetic Regulatory Networks with Time-Delays and Stochastic Disturbances. <i>Circuits, Systems, and Signal Processing</i> , <b>2011</b> , 30, 1231-1252	2.2	26
370	Compartment-Dependent Degradation of Mutant Huntingtin Accounts for Its Preferential Accumulation in Neuronal Processes. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 8317-28	6.6	26
369	Shortening the Half-Life of Cas9 Maintains Its Gene Editing Ability and Reduces Neuronal Toxicity. <i>Cell Reports</i> , <b>2018</b> , 25, 2653-2659.e3	10.6	26

368	Continuous Finite-Time Output Regulation of Nonlinear Systems With Unmatched Time-Varying Disturbances <b>2018</b> , 2, 97-102		25
367	Composite control method for stabilizing spacecraft attitude in terms of Rodrigues parameters. <i>Chinese Journal of Aeronautics</i> , <b>2013</b> , 26, 687-696	3.7	25
366	Liquid crystal-based sensing platform for detection of Pb assisted by DNAzyme and rolling circle amplification. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 400, 123218	12.8	24
365	A generalized active disturbance rejection control method for nonlinear uncertain systems subject to additive disturbance. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 2361-2372	5	24
364	A Simple Current-Constrained Controller for Permanent-Magnet Synchronous Motor. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 1486-1495	11.9	24
363	Optimal integral sliding mode control scheme based on pseudospectral method for robotic manipulators. <i>International Journal of Control</i> , <b>2014</b> , 87, 1131-1140	1.5	24
362	Robust autopilot design of uncertain bank-to-turn missiles using state-space disturbance observers. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , <b>2012</b> , 226, 97-107	0.9	24
361	Expert system based adaptive dynamic matrix control for ball mill grinding circuit. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 716-723	7.8	24
360	Output feedback-based sliding mode control for disturbed motion control systems via a higher-order ESO approach. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 2118-2126	2.5	23
359	Differential HspBP1 expression accounts for the greater vulnerability of neurons than astrocytes to misfolded proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E7803-E7811	11.5	23
358	Finite-Time Tracking Control for Nonholonomic Mobile Robots Based on Visual Servoing. <i>Asian Journal of Control</i> , <b>2014</b> , 16, 679-691	1.7	23
357	Suboptimal Integral Sliding Mode Controller Design for a Class of Affine Systems. <i>Journal of Optimization Theory and Applications</i> , <b>2014</b> , 161, 877-904	1.6	23
356	Output feedback domination approach for finite-time force control of an electrohydraulic actuator. <i>IET Control Theory and Applications</i> , <b>2012</b> , 6, 921	2.5	23
355	Global output-feedback stabilization for a class of stochastic nonlinear systems via sampled-data control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 3643	3.6	22
354	Finite-time boundedness for switched systems with sector bounded nonlinearity and constant time delay. <i>Applied Mathematics and Computation</i> , <b>2016</b> , 274, 25-40	2.7	22
353	Adaptive fault-tolerant controller design for airbreathing hypersonic vehicle with input saturation. <i>Journal of Systems Engineering and Electronics</i> , <b>2013</b> , 24, 488-499	1.3	22
352	Effect of polyethylene glycol (PEG-400) on the 1-butyl-3-methylimidazolium tetrafluoroborate-in-cyclohexane ionic liquid microemulsion. <i>Colloid and Polymer Science</i> , <b>2009</b> , 287, 103-108	2.4	22
351	Studies on crystallinity state of puerarin loaded solid lipid nanoparticles prepared by double emulsion method. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 99, 689-693	4.1	22

350	Alignment of nematic liquid crystals decorated with gemini surfactants and interaction of proteins with gemini surfactants at fluid interfaces. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 518, 111-121	9.3	21
349	Finite-time control for soft landing on an asteroid based on line-of-sight angle. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 383-398	4	21
348	Finite-Time Disturbance Observer Design and Attitude Tracking Control of a Rigid Spacecraft. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2017</b> , 139,	1.6	20
347	Finite-time stabilization of switched linear time-delay systems with saturating actuators. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 299, 66-79	2.7	20
346	Effect of Imidazolium-Based Surface-Active Ionic Liquids on the Orientation of Liquid Crystals at Various Fluid/Liquid Crystal Interfaces. <i>Langmuir</i> , <b>2016</b> , 32, 11745-11753	4	20
345	Preparation and partial structural characterization of the exopolysaccharide from <i>Bacillus mucilaginosus</i> SM-01. <i>Carbohydrate Polymers</i> , <b>2016</b> , 146, 217-23	10.3	20
344	Ubiquitin-activating enzyme activity contributes to differential accumulation of mutant huntingtin in brain and peripheral tissues. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 8411-22	6.6	20
343	Efficient and Dynamic Clustering Scheme for Heterogeneous Multi-level Wireless Sensor Networks. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2013</b> , 39, 454-460		20
342	Distributed Demand and Response Algorithm for Optimizing Social-Welfare in Smart Grid <b>2012</b> ,		20
341	Caspase-4 mediates cytoplasmic accumulation of TDP-43 in the primate brains. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 919-937	14.3	20
340	Composite block backstepping trajectory tracking control for disturbed unmanned helicopters. <i>Aerospace Science and Technology</i> , <b>2019</b> , 85, 386-398	4.9	20
339	Liquid crystals-based sensor for the detection of lithocholic acid coupled with competitive host-guest inclusion. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 178-184	6	20
338	Adaptive Terminal Sliding Mode Control for Magnetic Levitation Systems With Enhanced Disturbance Compensation. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 756-766	8.9	20
337	Global Robust Stabilization via Sampled-Data Output Feedback for Nonlinear Systems with Uncertain Measurement and Control Gains. <i>Asian Journal of Control</i> , <b>2015</b> , 17, 868-878	1.7	19
336	Energy shaping control for buckBoost converters with unknown constant power load. <i>Control Engineering Practice</i> , <b>2018</b> , 74, 33-43	3.9	19
335	Facile synthesis of calcium carbonate with an absolutely pure crystal form using 1-butyl-3-methylimidazolium dodecyl sulfate as the modifier. <i>Colloid and Polymer Science</i> , <b>2013</b> , 291, 2191-2202	2.4	19
334	A Finite-time State Feedback Stabilization Method for a Class of Second Order Nonlinear Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2007</b> , 33, 0101		19
333	Economic MPC with a contractive constraint for nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 4072-4087	3.6	19

332	An Adaptive Passivity-Based Controller of a Buck-Boost Converter with a Constant Power Load. <i>Asian Journal of Control</i> , <b>2019</b> , 21, 581-595	1.7	19
331	RBFNDOB-based neural network inverse control for non-minimum phase MIMO system with disturbances. <i>ISA Transactions</i> , <b>2014</b> , 53, 983-93	5.5	18
330	Finite-time tracking control for motor servo systems with unknown dead-zones. <i>Journal of Systems Science and Complexity</i> , <b>2013</b> , 26, 940-956	1	18
329	Universal active disturbance rejection control for non-linear systems with multiple disturbances via a high-order sliding mode observer. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1194-1204	2.5	18
328	Finite-time position tracking control of rigid hydraulic manipulators based on high-order terminal sliding mode. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2012</b> , 226, 394-415	1	18
327	A liquid crystal-based sensor for the simple and sensitive detection of cellulase and cysteine. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 147, 100-105	6	18
326	Nonlinearity Estimator-Based Control of A Class of Uncertain Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 2230-2236	5.9	18
325	Finite-time guidance laws for three-dimensional missile-target interception. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , <b>2016</b> , 230, 392-403	0.9	17
324	Postnatal loss of hap1 reduces hippocampal neurogenesis and causes adult depressive-like behavior in mice. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005175	6	17
323	Active disturbance rejection control of torsional plant with unknown frequency harmonic disturbance. <i>Control Engineering Practice</i> , <b>2020</b> , 100, 104413	3.9	17
322	A disturbance observer enhanced composite cascade control with experimental studies. <i>International Journal of Control, Automation and Systems</i> , <b>2013</b> , 11, 555-562	2.9	17
321	Finite-time tracking control for multiple non-holonomic mobile robots based on visual servoing. <i>International Journal of Control</i> , <b>2013</b> , 86, 2175-2188	1.5	17
320	A CRISPR monkey model unravels a unique function of PINK1 in primate brains. <i>Molecular Neurodegeneration</i> , <b>2019</b> , 14, 17	19	16
319	Aged monkey brains reveal the role of ubiquitin-conjugating enzyme UBE2N in the synaptosomal accumulation of mutant huntingtin. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 1350-62	5.6	16
318	Simple and label-free liquid crystal-based sensor for detecting trypsin coupled to the interaction between cationic surfactant and BSA. <i>Talanta</i> , <b>2018</b> , 183, 223-227	6.2	16
317	A nonionic surfactant-decorated liquid crystal sensor for sensitive and selective detection of proteins. <i>Analytica Chimica Acta</i> , <b>2016</b> , 937, 119-26	6.6	16
316	Photoluminescent Eu-containing polyoxometalate/gemini surfactant hybrid nanoparticles for biological applications. <i>RSC Advances</i> , <b>2016</b> , 6, 8601-8604	3.7	16
315	Sliding-mode consensus algorithms for disturbed second-order multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 7443-7465	4	16

314	Current sensorless finite-time control for buck converters with time-varying disturbances. <i>Control Engineering Practice</i> , <b>2018</b> , 77, 127-137	3.9	16
313	Global smooth stabilization of a class of feedforward systems under the framework of generalized homogeneity with monotone degrees. <i>Journal of the Franklin Institute</i> , <b>2013</b> , 350, 3149-3167	4	16
312	A polyoxometalate-based supramolecular chemosensor for rapid detection of hydrogen sulfide with dual signals. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 485, 280-287	9.3	16
311	Adaptive speed control of a PMSM servo system using an RBFN disturbance observer. <i>Transactions of the Institute of Measurement and Control</i> , <b>2012</b> , 34, 615-626	1.8	16
310	Accuracy of Some Popular Non-Homogeneous 2-Sliding Modes. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 2615-2619	5.9	16
309	Global uniform asymptotical stability of a class of nonlinear cascaded systems with application to a nonholonomic wheeled mobile robot. <i>International Journal of Systems Science</i> , <b>2010</b> , 41, 1301-1312	2.3	16
308	Continuous Nonsingular Terminal Sliding Mode Control of DCDC Boost Converters Subject to Time-Varying Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 2552-2556	3.5	16
307	Disturbance observer based iterative learning control method for a class of systems subject to mismatched disturbances. <i>Transactions of the Institute of Measurement and Control</i> , <b>2017</b> , 39, 1749-1760	1.8	15
306	DYRK1A regulates Hap1-Dcaf7/WDR68 binding with implication for delayed growth in Down syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E1224-E1233	11.5	15
305	Effects of ambient pressure on smoke movement patterns in vertical shafts in tunnel fires with natural ventilation systems. <i>Building Simulation</i> , <b>2020</b> , 13, 931-941	3.9	15
304	Use of CRISPR/Cas9 to model brain diseases. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 81, 488-492	5.5	15
303	Supramolecular gels: using an amide-functionalized imidazolium-based surfactant. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 511, 215-221	9.3	15
302	High-Efficiency and Reliable Smart Photovoltaic Windows Enabled by Multiresponsive Liquid Crystal Composite Films and Semi-Transparent Perovskite Solar Cells. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1900720	21.8	15
301	Interaction Between 1-Dodecyl-3-Methylimidazolium Bromide and Sodium Carboxymethylcellulose in Aqueous Solution: Effect of Polymer Concentration. <i>Journal of Dispersion Science and Technology</i> , <b>2012</b> , 33, 5-14	1.5	15
300	Distributed Optimization for Disturbed Second-Order Multiagent Systems Based on Active Antidisturbance Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 2104-2117	10.3	15
299	Molecular mechanisms underlying Spinocerebellar Ataxia 17 (SCA17) pathogenesis. <i>Rare Diseases (Austin, Tex)</i> , <b>2016</b> , 4, e1223580		15
298	Robust Voltage Regulation of a DCAC Inverter With Load Variations via a HDOBC Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2019</b> , 66, 1172-1176	3.5	15
297	Active Disturbance Rejection Control Design With Suppression of Sensor Noise Effects in Application to DCDC Buck Power Converter. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	15

296	Event-triggered tracking control for nonlinear systems subject to time-varying external disturbances. <i>Automatica</i> , <b>2020</b> , 119, 109070	5.7	14
295	On the Actuator Dynamics of Dynamic Control Allocation for a Small Fixed-Wing UAV With Direct Lift Control. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 984-991	4.8	14
294	Generalized Dynamic Predictive Control for Nonparametric Uncertain Systems With Application to Series Elastic Actuators. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 4829-4840	11.9	14
293	Synthesis of Well-Dispersed NiO Nanoparticles with a Room Temperature Ionic Liquid. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 1103-1105	1.5	14
292	A Simple Control Approach for Buck Converters With Current-Constrained Technique. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 418-425	4.8	14
291	Modeling and Robust Continuous TSM Control for an Inertially Stabilized Platform With Couplings. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 2548-2555	4.8	14
290	Smooth output feedback stabilization for a class of high-order switched nonlinear systems. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2018</b> , 29, 34-53	4.5	13
289	On consensus performance of nonlinear multi-agent systems with hybrid control. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 3133-3150	4	13
288	Output feedback based simultaneous stabilization of two Port-controlled Hamiltonian systems with disturbances. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 8154-8166	4	13
287	Global decentralised stabilisation for a class of uncertain large-scale feedforward nonlinear systems. <i>International Journal of Control</i> , <b>2014</b> , 87, 1282-1296	1.5	13
286	Optimal disturbance rejection control approach based on a compound neural network prediction method. <i>Journal of Process Control</i> , <b>2014</b> , 24, 1516-1526	3.9	13
285	Characterization Studies on the Ionic Liquid-Templated Mesoporous Silica with Wormlike Pores. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 1029-1034	1.5	13
284	Continuous Sliding Mode Control for Permanent Magnet Synchronous Motor Speed Regulation Systems Under Time-Varying Disturbances. <i>Journal of Power Electronics</i> , <b>2016</b> , 16, 1324-1335	0.9	13
283	Semiglobal Finite-Time Trajectory Tracking Realization for Disturbed Nonlinear Systems via Higher-Order Sliding Modes. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 2185-2191	5.9	13
282	Globally smooth output feedback stabilization of a class of planar switched systems with average dwell time. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2017</b> , 24, 159-170	4.5	12
281	Rational design of photo-responsive supramolecular nanostructures based on an azobenzene-derived surfactant-encapsulated polyoxometalate complex. <i>RSC Advances</i> , <b>2016</b> , 6, 14468-14473	3.7	12
280	Construction of liquid crystal droplet-based sensing platform for sensitive detection of organophosphate pesticide. <i>Talanta</i> , <b>2018</b> , 190, 375-381	6.2	12
279	Distributed consensus-based Kalman filtering in sensor networks with quantised communications and random sensor failures. <i>IET Signal Processing</i> , <b>2014</b> , 8, 107-118	1.7	12



278	Finite-time cooperative attitude control of multiple spacecraft using terminal sliding mode control technique. <i>International Journal of Modelling, Identification and Control</i> , <b>2012</b> , 16, 327	0.6	12
277	Drag-based composite super-twisting sliding mode control law design for Mars entry guidance. <i>Advances in Space Research</i> , <b>2016</b> , 57, 2508-2518	2.4	12
276	An improved predictive functional control method with application to PMSM systems. <i>International Journal of Electronics</i> , <b>2017</b> , 104, 126-142	1.2	11
275	Distributed composite output consensus protocols of higher-order multi-agent systems subject to mismatched disturbances. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 1162-1172	2.5	11
274	Finite-Time Control for 6DOF Spacecraft Formation Flying Systems. <i>Journal of Aerospace Engineering</i> , <b>2015</b> , 28, 04014137	1.4	11
273	Finite-time tracking control for a class of nonlinear systems with multiple mismatched disturbances. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 4095-4111	3.6	11
272	Current sensorless sliding mode control for direct current alternating current inverter with load variations via a USDO approach. <i>IET Power Electronics</i> , <b>2018</b> , 11, 1389-1398	2.2	11
271	Solvent and Substituent Effects on the Aggregation Behavior of Surface-Active Ionic Liquids with Aromatic Counterions and the Dispersion of Carbon Nanotubes in their Hexagonal Liquid Crystalline Phase. <i>Langmuir</i> , <b>2015</b> , 31, 12644-52	4	11
270	New approach to second-order sliding mode control design. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 2188-2196	2.5	11
269	Synthesis and Characterization of Mesoporous Silica Templated by Amphiphilic RTILs. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 1066-1071	1.5	11
268	Analysis and Compensation Control of Dead-Time Effect on Space Vector PWM. <i>Journal of Power Electronics</i> , <b>2015</b> , 15, 431-442	0.9	11
267	Reduced-order GPIO based dynamic event-triggered tracking control of a networked one-DOF link manipulator without velocity measurement. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2020</b> , 7, 725-734	7	11
266	A distributed fixed-time optimization algorithm for multi-agent systems. <i>Automatica</i> , <b>2020</b> , 122, 109289-5.7	5.7	11
265	Construction of a Liquid Crystal-Based Sensing Platform for Sensitive and Selective Detection of L-Phenylalanine Based on Alkaline Phosphatase. <i>Langmuir</i> , <b>2019</b> , 35, 461-467	4	11
264	A liquid crystals-based sensing platform for detection of $\alpha$ -amylase coupled with destruction of host-guest interaction. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 616-622	6	11
263	Active Security Control Approach Against DoS Attacks in Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 4303-4310	5.9	11
262	Distributed Data-Driven Intrusion Detection for Sparse Stealthy FDI Attacks in Smart Grids. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 993-997	3.5	11
261	An integrated liquid crystal sensing device assisted by the surfactant-embedded smart hydrogel. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 187, 113313	11.8	11

260	Continuous dynamic sliding mode control of converter-fed DC motor system with high order mismatched disturbance compensation. <i>Transactions of the Institute of Measurement and Control</i> , <b>2020</b> , 42, 2812-2821	1.8	10
259	Influence of different compatibilizers on the morphology and properties of PA6/PET/glass fiber composites. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46429	2.9	10
258	Global finite-time stabilization of a PVTOL aircraft by output feedback <b>2009</b> ,		10
257	Non-linear-disturbance-observer-enhanced MPC for motion control systems with multiple disturbances. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 63-72	2.5	10
256	Universal finite-time observer based second-order sliding mode control for DC-DC buck converters with only output voltage measurement. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 11863-11879	4	10
255	The Expanding Clinical Universe of Polyglutamine Disease. <i>Neuroscientist</i> , <b>2019</b> , 25, 512-520	7.6	10
254	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 3133-3144	11.9	10
253	Distributed Finite-Time Optimization for Disturbed Second-Order Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4634-4647	10.2	9
252	Finite-time consensus algorithms of leader-follower higher-order multi-agent systems with uncertain nonlinearities. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 11939-11952	4	9
251	Detection of organophosphorus pesticides with liquid crystals supported on the surface deposited with polyoxometalate-based acetylcholinesterase-responsive supramolecular spheres. <i>Food Chemistry</i> , <b>2020</b> , 320, 126683	8.5	9
250	Consensus of second-order multi-agent systems using partial agents' velocity measurements. <i>Nonlinear Dynamics</i> , <b>2016</b> , 86, 1927-1935	5	9
249	Gonadogenesis and expression pattern of the vasa gene in the sea cucumber <i>Apostichopus japonicus</i> during early development. <i>Molecular Reproduction and Development</i> , <b>2013</b> , 80, 744-52	2.6	9
248	Spectroscopic Study on the Interaction between Bovine Serum Albumin and Tween-20. <i>Journal of Dispersion Science and Technology</i> , <b>2006</b> , 27, 835-838	1.5	9
247	Dynamic Event-Triggered Output Feedback Control for Load Frequency Control in Power Systems With Multiple Cyber Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-13	7.3	9
246	N-terminal Huntingtin Knock-In Mice: Implications of Removing the N-terminal Region of Huntingtin for Therapy. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006083	6	9
245	A liquid crystal based method for detection of urease activity and heavy metal ions by using stimulus-responsive surfactant-encapsulated phosphotungstate clusters. <i>Mikrochimica Acta</i> , <b>2018</b> , 186, 27	5.8	9
244	Contour Tracking Control of Networked Motion Control System Using Improved Equivalent-Input-Disturbance Approach. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 5155-5165	8.9	9
243	Robust converter-fed motor control based on active rejection of multiple disturbances. <i>Control Engineering Practice</i> , <b>2021</b> , 107, 104696	3.9	9

242	Model predictive control for DC-DC buck power converter-DC motor system with uncertainties using a GPI observer <b>2017</b> ,		8
241	A composite current-constrained control for permanent magnet synchronous motor with time-varying disturbance. <i>Advances in Mechanical Engineering</i> , <b>2017</b> , 9, 168781401772869	1.2	8
240	Disturbance observer based model predictive control for accurate atmospheric entry of spacecraft. <i>Advances in Space Research</i> , <b>2018</b> , 61, 2457-2471	2.4	8
239	Finite-time stabilization of port-controlled Hamiltonian systems with nonvanishing disturbances. <i>Transactions of the Institute of Measurement and Control</i> , <b>2018</b> , 40, 2973-2981	1.8	8
238	Genetically modified rodent models of SCA17. <i>Journal of Neuroscience Research</i> , <b>2017</b> , 95, 1540-1547	4.4	8
237	Exponential convergence rate estimation for neutral BAM neural networks with mixed time-delays. <i>Neural Computing and Applications</i> , <b>2011</b> , 20, 451-460	4.8	8
236	Effects of Chloramphenicol on the Characterization of Solid Lipid Nanoparticles and Nanostructured Lipid Carriers. <i>Journal of Dispersion Science and Technology</i> , <b>2009</b> , 30, 1008-1014	1.5	8
235	The Application of Fractional-Order PI Control Algorithm to the PMSM Speed-Adjusting System <b>2007</b> , 660-669		8
234	Continuous Finite-Time Sliding Mode Control for Uncertain Nonlinear Systems with Applications to DC-DC Buck Converters. <i>Asian Journal of Control</i> , <b>2019</b> , 21, 312-322	1.7	8
233	Consensus of Second-order Multi-agent Systems with Directed Networks Using Relative Position Measurements Only. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 85-93	2.9	8
232	Effects of ambient pressure on the critical velocity and back-layering length in longitudinal ventilated tunnel fire. <i>Indoor and Built Environment</i> , <b>2020</b> , 29, 1017-1027	1.8	8
231	Vision-based neural predictive tracking control for multi-manipulator systems with parametric uncertainty. <i>ISA Transactions</i> , <b>2021</b> , 110, 247-257	5.5	8
230	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3148-3158	7.3	8
229	Dynamic Control of Sacrificial Bond Transformation in the Fe-N-C Single-Atom Catalyst for Molecular Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25296-25301	16.4	8
228	Hydrogel-assisted paper-based lateral flow sensor for the detection of trypsin in human serum. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 192, 113548	11.8	8
227	Distributed composite autopilot design for bank-to-turn missiles with optimized tracking based on disturbance observers. <i>Transactions of the Institute of Measurement and Control</i> , <b>2017</b> , 39, 1123-1138	1.8	7
226	Reduced-order extended state observer based event-triggered sliding mode control for DC-DC buck converter system With parameter perturbation. <i>Asian Journal of Control</i> , <b>2020</b> , 23, 1591	1.7	7
225	Adaptive composite control method of permanent magnet synchronous motor systems. <i>Transactions of the Institute of Measurement and Control</i> , <b>2018</b> , 40, 3345-3357	1.8	7

224	Finite-time stabilisation of switched linear input-delay systems via saturating actuators. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 2127-2137	2.5	7
223	Robust Finite-Time Trajectory Tracking Control of Wheeled Mobile Robots with Parametric Uncertainties and Disturbances. <i>Journal of Systems Science and Complexity</i> , <b>2019</b> , 32, 1358-1374	1	7
222	Adaptive MPC for ozone dosing process of drinking water treatment based on RBF modeling. <i>Transactions of the Institute of Measurement and Control</i> , <b>2014</b> , 36, 58-67	1.8	7
221	Powered-descent trajectory optimization scheme for Mars landing. <i>Advances in Space Research</i> , <b>2013</b> , 52, 1888-1901	2.4	7
220	A dual-observer approach for global output feedback stabilization of planar nonlinear systems with output-dependent growth rates. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 3818-3830	3.6	7
219	Constructive robust model predictive control for constrained non-linear systems with disturbances. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1869-1876	2.5	7
218	Rheological Properties of Wormlike Micelles Formed by Cetyltrimethylammonium Bromide and Sodium Laurate. <i>Journal of Dispersion Science and Technology</i> , <b>2009</b> , 30, 92-99	1.5	7
217	A Clustering Based GA for Multimodal Optimization in Uneven Search Space <b>2006</b> ,		7
216	LMI-based robust iterative learning controller design for discrete linear uncertain systems. <i>Journal of Control Theory and Applications</i> , <b>2005</b> , 3, 259-265		7
215	Sensor attack detection for cyber-physical systems based on frequency domain partition. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1452-1466	2.5	7
214	Realization of Exact Tracking Control for Nonlinear Systems via a Nonrecursive Dynamic Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 577-589	7.3	7
213	Composite Control Design for Systems With Uncertainties and Noise Using Combined Extended State Observer and Kalman Filter. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	7
212	Mutant Ahi1 Affects Retinal Axon Projection in Zebrafish Toxic Gain of Function. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 81	6.1	6
211	Consensus control of higher-order Lipschitz non-linear multi-agent systems based on backstepping method. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 490-498	2.5	6
210	Global output regulation for a class of single input Port-controlled Hamiltonian disturbed systems. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 325, 322-331	2.7	6
209	Reversible Photoresponsive Molecular Alignment of Liquid Crystals at Fluid Interfaces with Persistent Stability. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 6340-4	4.8	6
208	Global stabilization of a class of cascaded systems with upper-triangular structures. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 4330	3.6	6
207	Fabrication of Biocompatible, Luminescent Supramolecular Structures and Their Applications in the Detection of Dopamine. <i>Langmuir</i> , <b>2018</b> , 34, 9195-9202	4	6

206	Luminescent, stabilized and environmentally friendly [EuWO]-Chitosan films for sensitive detection of hydrogen peroxide. <i>Carbohydrate Polymers</i> , <b>2018</b> , 200, 560-566	10.3	6
205	Sliding Mode Control of Converter-fed DC Motor with Mismatched Load Torque Compensation <b>2019</b> ,		6
204	Proteomic Landscape Has Revealed Small Rubber Particles Are Crucial Rubber Biosynthetic Machines for Ethylene-Stimulation in Natural Rubber Production. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
203	Cooperative distributed energy generation and energy trading for future smart grid <b>2014</b> ,		6
202	Control-oriented modeling and real-time control for the ozone dosing process of drinking water treatment. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2197-203	10.3	6
201	CRISPR: Established Editor of Human Embryos?. <i>Cell Stem Cell</i> , <b>2017</b> , 21, 295-296	18	6
200	Finite-time control for DC-DC boost converter using nonsingular terminal sliding modes via exact feedback linearization <b>2017</b> ,		6
199	Studies on the Effects of Additional Components on Micellization of CTAB via Surface Tension Measurements. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 1209-1213	1.5	6
198	Global stabilization of a Lorenz system. <i>Chinese Physics B</i> , <b>2003</b> , 12, 590-593		6
197	Design of Output-Based Finite-Time Convergent Composite Controller for a Class of Perturbed Second-Order Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	6
196	Event-triggered output consensus disturbance rejection algorithm for multi-agent systems with time-varying disturbances. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 12870-12885	4	6
195	Differential evolution with multi-stage strategies for global optimization <b>2016</b> ,		6
194	GESO-Based Position Synchronization Control of Networked Multiaxis Motion System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 248-257	11.9	6
193	Invariant Manifold Based Output-Feedback Sliding Mode Control for Systems With Mismatched Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 933-937	3.5	6
192	Semi-Global Exquisite Disturbance Attenuation Control for Perturbed Uncertain Nonlinear Systems. <i>Asian Journal of Control</i> , <b>2017</b> , 19, 1608-1619	1.7	5
191	Consensus of multiple Euler-Lagrange systems using one Euler-Lagrange System's velocity measurements. <i>International Journal of Control, Automation and Systems</i> , <b>2017</b> , 15, 450-456	2.9	5
190	Research on the Earth Pressure and Internal Force of a High-Fill Open-Cut Tunnel Using a Bilayer Lining Design: A Field Test Using an FBG Automatic Data Acquisition System. <i>Sensors</i> , <b>2019</b> , 19,	3.8	5
189	Expression of AHI1 Rescues Amyloidogenic Pathology in Alzheimer's Disease Model Cells. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 7572-7582	6.2	5

188	Finite-time control of direct current boost converters in the presence of coil magnetic saturation. <i>Transactions of the Institute of Measurement and Control</i> , <b>2015</b> , 37, 114-121	1.8	5
187	Finite-time path following control for small-scale fixed-wing UAVs under wind disturbances. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 7879-7903	4	5
186	Transmit-Power Minimization for NOMA-Enabled Traffic Offloading With Security Provisioning. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 986-989	3.8	5
185	Extended state observer based control for DC-DC buck converters subject to mismatched disturbances <b>2014</b> ,		5
184	Exponential stability analysis for neutral BAM neural networks with time-varying delays and stochastic disturbances. <i>Journal of Control Theory and Applications</i> , <b>2012</b> , 10, 92-99		5
183	Global decentralised stabilisation for a class of uncertain large-scale high-order upper-triangular nonlinear systems. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 1123-1135	2.3	5
182	Disturbance rejection control method based on composite disturbance observer for permanent magnet synchronous motor <b>2015</b> ,		5
181	New families of high-order sliding-mode controllers <b>2015</b> ,		5
180	Information Fusion Estimation for spatially distributed cyber-physical systems with communication delay and bandwidth constraints <b>2015</b> ,		5
179	Sliding-mode control for systems with mismatched uncertainties via a disturbance observer <b>2011</b> ,		5
178	Global stabilization of partially linear composite systems using homogeneous method. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 1028-1034	1.7	5
177	Adaptive set stabilization of the attitude of a rigid spacecraft without angular velocity measurements. <i>Journal of Systems Science and Complexity</i> , <b>2011</b> , 24, 105-119	1	5
176	Disturbance observer based control for nonlinear MAGLEV suspension system <b>2010</b> ,		5
175	Preparation, Characterization, and In Vitro Release of Chloramphenicol Loaded Solid Lipid Nanoparticles. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 1214-1221	1.5	5
174	Global stabilization of a coupled dynamo system. <i>Chaos, Solitons and Fractals</i> , <b>2003</b> , 16, 787-793	9.3	5
173	Generalized proportional integral observer based backstepping control for DC-DC buck converters with mismatched disturbances <b>2016</b> ,		5
172	Study of smoke movement characteristics in tunnel fires in high-altitude areas. <i>Fire and Materials</i> , <b>2020</b> , 44, 65-75	1.8	5
171	Disturbance observer-based autonomous landing control of unmanned helicopters on moving shipboard. <i>Nonlinear Dynamics</i> , <b>2020</b> , 102, 131-150	5	5

170	Finite-time output feedback control for a pneumatic servo system. <i>Transactions of the Institute of Measurement and Control</i> , <b>2016</b> , 38, 1520-1534	1.8	5
169	Use of large animal models to investigate Huntington's diseases. <i>Cell Regeneration</i> , <b>2019</b> , 8, 9-11	2.5	5
168	GESO-based control for networked systems with time-varying delays. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2019</b> , 133, 281-287	4.6	5
167	Dynamic prescribed performance sliding mode control for DC-DC buck converter system with mismatched time-varying disturbances.. <i>ISA Transactions</i> , <b>2022</b> ,	5.5	5
166	Modeling, Analysis, and Advanced Control in Motion Control SystemsPart III. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 3268-3272	8.9	4
165	Output Feedback Stabilization of Inertial Stabilized Platform with Unmatched Disturbances Using Sliding Mode Approach. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 5149-5154	0.7	4
164	Finite-time boundedness and finite-time weighted L2-gain analysis for a class of neutral type switched systems with time-varying delays. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 1703-1717 <sup>2-3</sup>	2.3	4
163	Globally exponential stabilization for a class of nonlinear systems with time delays both in nonlinearities and input. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 359, 478-489	2.7	4
162	Supramolecular structures ranging from nano- to macro-scale with fluorescent and organic semiconducting properties. <i>RSC Advances</i> , <b>2015</b> , 5, 32435-32440	3.7	4
161	Morphological transformation of ultrasonically obtained nanofibers during living self-assembly. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 10813-10818	3.6	4
160	Smooth state feedback stabilization for a class of planar switched nonlinear systems under arbitrary switching <b>2016</b> ,		4
159	Ultrasensitive detection of glutathione based on liquid crystals in the presence of $\alpha$ -glutamyl transpeptidase. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1040, 187-195	6.6	4
158	Generalized proportional integral observerBased composite control method for robotic thermal tactile sensor with disturbances. <i>International Journal of Advanced Robotic Systems</i> , <b>2017</b> , 14, 172988141771003 <sup>1-4</sup>	1.4	4
157	Nonlinear disturbance observer based sliding mode control for PWM-based DC-DC boost converter systems <b>2015</b> ,		4
156	Nonlinear disturbance rejection control for a buck-boost converter with load uncertainties <b>2014</b> ,		4
155	Collaborative Topology Control for Lifetime Maximization <b>2011</b> ,		4
154	Enthalpic Pairwise Interactions between Some Amino Acids and 2-Butanone in Aqueous Solutions at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2007</b> , 52, 1715-1719	2.8	4
153	Stabilization of the attitude of a rigid spacecraft with external disturbances using finite-time control techniques. <i>Proceedings of the American Control Conference</i> , <b>2007</b> ,	1.2	4

152	Initial rectified attractors for perfect synchronization of chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 348, 28-36	2.3	4
151	Dynamical Behaviors of Discrete-Time Fast Terminal Sliding Mode Control Systems. <i>Studies in Systems, Decision and Control</i> , <b>2015</b> , 77-97	0.8	4
150	Semiglobal output feedback control for uncertain nontriangular nonlinear systems with sector-bounded unknown measurement. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 1-16	3.6	4
149	Linear Fusion Estimation for Range-Only Target Tracking With Nonlinear Transformation. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 6403-6412	11.9	4
148	Screening of Xanthine Oxidase Inhibitors by Liquid Crystal-Based Assay Assisted with Enzyme Catalysis-Induced Aptamer Release. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6151-6157	7.8	4
147	Disturbance Compensation Based Finite-Time Tracking Control of Rigid Manipulator. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-12	1.1	4
146	Expression and Localization of Huntingtin-Associated Protein 1 (HAP1) in the Human Digestive System. <i>Digestive Diseases and Sciences</i> , <b>2019</b> , 64, 1486-1492	4	4
145	Study of the basement structure load under the dynamic loading of heavy-haul railway tunnel. <i>International Journal of Pavement Engineering</i> , <b>2020</b> , 21, 1362-1373	2.6	4
144	Finite-time output feedback stabilization for a class of output-constrained planar switched systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	4
143	Robust predictive visual servoing control for an inertially stabilized platform with uncertain kinematics. <i>ISA Transactions</i> , <b>2021</b> , 114, 347-358	5.5	4
142	An optimal integral sliding mode control strategy based on a pseudospectral method for a class of affine systems. <i>Transactions of the Institute of Measurement and Control</i> , <b>2017</b> , 39, 872-882	1.8	3
141	A generalized exact tracking control methodology for disturbed nonlinear systems via homogeneous domination approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 3079-3096	3.6	3
140	GPI observer-based composite current-constrained control approach for DCDC buck converters. <i>Journal of Engineering</i> , <b>2019</b> , 2019, 581-586	0.7	3
139	Predictive control for visual servoing control of cyber physical systems with packet loss. <i>Peer-to-Peer Networking and Applications</i> , <b>2019</b> , 12, 1774-1784	3.1	3
138	Generalized proportional integral observer based sliding mode control method for PMSM speed regulation system <b>2015</b> ,		3
137	Feedback Linearization-Based Perimeter Controllers for Oversaturated Regions. <i>IEEE Intelligent Transportation Systems Magazine</i> , <b>2020</b> , 0-0	2.6	3
136	Distributed finite-time consensus algorithms for leader-follower second-order multi-agent systems with mismatched disturbances* <b>2016</b> ,		3
135	Experimental Study on Bond-Slip Behavior between Corroded I-Shaped Steel and Concrete in Subsea Tunnel. <i>Materials</i> , <b>2019</b> , 12,	3.5	3



134	Finite time simultaneous stabilization of two single input nonlinear port-controlled hamiltonian disturbed systems <b>2017</b> ,		3
133	Neural-network-based composite disturbance rejection control for a distillation column. <i>Transactions of the Institute of Measurement and Control</i> , <b>2015</b> , 37, 1146-1158	1.8	3
132	Multi-sensor-based H <sub>∞</sub> estimation in heterogeneous sensor networks with stochastic competitive transmission and random sensor failures. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 202-210	2.5	3
131	Distributed fault estimation of networked systems using quantized measurements <b>2014</b> ,		3
130	Cooperative electricity consumption scheduling and pricing for future residential smart grid <b>2013</b> ,		3
129	Finite-time attitude stabilization for a rigid spacecraft using homogeneous method. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 2620-2625		3
128	Global stabilization of feedforward systems with lower-order vector field <b>2009</b> ,		3
127	Finite-Time Tracking Control of a Nonholonomic Mobile Robot. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 12212-12217		3
126	Smooth exponential stabilization of nonholonomic systems via time-varying feedback		3
125	Composite Finite-Time Containment Control for Disturbed Second-Order Multi-agent Systems. <i>Understanding Complex Systems</i> , <b>2016</b> , 207-228	0.4	3
124	Sunlight-Driven Self-Organized Helical Superstructure Chromotropic Device. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2001207	8.1	3
123	Interval homogeneous domination approach for global stabilization of nonlinear systems with time-varying powers <b>2016</b> ,		3
122	Design and implementation of GPI observer based sliding mode control for DC-DC buck converter* <b>2019</b> ,		3
121	An Offset-free Model Predictive Controller for DC/DC Boost Converter Feeding Constant Power Loads in DC Microgrids <b>2019</b> ,		3
120	\$R\S\$-Print: A System Residuals-Based Fingerprinting for Attack Detection in Industrial Cyber-Physical Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 11458-11469	8.9	3
119	Performance Evaluation of Distributed Linear Regression Kalman Filtering Fusion. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2889-2896	5.9	3
118	Immersion and Invariance-based Sliding Mode Attitude Control of Tilt Tri-rotor UAV in Helicopter Mode. <i>International Journal of Control, Automation and Systems</i> , <b>2021</b> , 19, 722-735	2.9	3
117	Towards Sensorless Interaction Force Estimation for Industrial Robots Using High-Order Finite-Time Observers. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	3

116	Predictor-Based Periodic Event-Triggered Control for Dual-Rate Networked Control Systems With Disturbances. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	3
115	A modular optimal formation control scheme of multi-agent systems with application to multiple mobile robots. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	3
114	Output Feedback Disturbance Rejection Control for DC-DC Buck Converter-DC Motor System Subject to Unmatched Load Torques <b>2018</b> ,		3
113	Two composite guidance laws based on the backstepping control and disturbance observers with autopilot lag. <i>Transactions of the Institute of Measurement and Control</i> , <b>2019</b> , 41, 2957-2969	1.8	2
112	Three-dimensional suboptimal guidance law based on $\mathcal{H}_\infty$ technique and nonlinear disturbance observer. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , <b>2019</b> , 233, 5122-5133	0.9	2
111	Design and implementation of chattering free sliding mode control method for PMSM speed regulation system <b>2015</b> ,		2
110	Nonlinear consensus algorithms for second-order multi-agent systems with mismatched disturbances <b>2015</b> ,		2
109	Composite sliding-mode consensus algorithms for higher-order multi-agent systems subject to disturbances. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 291-303	2.5	2
108	GPIO based backstepping control for electronic throttle <b>2017</b> ,		2
107	Servo control method based on neural network and disturbance observation <b>2017</b> ,		2
106	Finite-time feedback control of an input-delay system with nonlinear saturating actuators. <i>Transactions of the Institute of Measurement and Control</i> , <b>2018</b> , 40, 3059-3067	1.8	2
105	Non-smooth control-based reaching law for discrete-time sliding mode control <b>2016</b> ,		2
104	A GPI based sliding mode control method for boost DC-DC converter <b>2016</b> ,		2
103	DC-DC Buck-Boost Converters with Unknown CPL: An Adaptive PBC <b>2018</b> ,		2
102	Extended state observer based adaptive control scheme for PMSM system <b>2014</b> ,		2
101	Decentralized output feedback control of a class of nonlinear systems with unsynchronized sampling instants <b>2015</b> ,		2
100	Suppression of servo system mechanical resonance based on adaptive IIR notch filter <b>2015</b> ,		2
99	Disturbance observer based model predictive control for autopilot design of bank-to-turn missiles <b>2012</b> ,		2

98	The application of predictive functional control for permanent magnet synchronous motor servo system <b>2010</b> ,		2
97	Modeling and Implementing Research of Multimodal Transportation Network <b>2009</b> ,		2
96	Networked multi-sensor fusion estimation with delays, packet losses and missing measurements <b>2012</b> ,		2
95	Finite-time observer for a class of time-varying nonlinear systems <b>2012</b> ,		2
94	Robust consensus of second-order multi-agent systems with input and time-varying communication delays. <i>International Journal of Modelling, Identification and Control</i> , <b>2012</b> , 17, 285	0.6	2
93	Effect of Alcohols on the CMC and Thermodynamic Functions of Anionic Surfactants in DMF/Long-Chain Alcohol Using Microcalorimetric Method. <i>Journal of Dispersion Science and Technology</i> , <b>2007</b> , 28, 958-964	1.5	2
92	Set stabilization of Chua's circuit via piece-wise linear feedbacks. <i>Chaos, Solitons and Fractals</i> , <b>2005</b> , 26, 571-579	9.3	2
91	SET STABILIZATION OF A MODIFIED CHUA'S CIRCUIT. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2005</b> , 15, 567-604	2	2
90	Friction-Compensation and Extended State Observer Based Model Predictive Control for PMSM Servo Systems. <i>IEEJ Journal of Industry Applications</i> , <b>2020</b> , 9, 351-357	0.7	2
89	Finite-Time Consensus for Disturbed Multi-agent Systems with Unmeasured States via Nonsingular Terminal Sliding-Mode Control. <i>Studies in Systems, Decision and Control</i> , <b>2018</b> , 269-287	0.8	2
88	Finite-time trajectory tracking control of under-actuated autonomous surface vessels based on non-singular terminal sliding mode. <i>Australian Journal of Electrical and Electronics Engineering</i> , <b>2012</b> , 9,	0.6	2
87	Reduced-order Generalized Proportional Integral Observer Based Continuous Dynamic Sliding Mode Control for Magnetic Levitation System with Time-varying Disturbances. <i>International Journal of Control, Automation and Systems</i> , <b>2021</b> , 19, 439-448	2.9	2
86	Secure estimation and event-triggered control for cyber-physical systems based on intermediate estimator <b>2018</b> ,		2
85	. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 4424-4431	5.9	2
84	A Label-Free Colorimetric Assay Based on Gold Nanoparticles for the Detection of H <sub>2</sub> O <sub>2</sub> and Glucose. <i>Chemosensors</i> , <b>2022</b> , 10, 100	4	2
83	Composite control of fuel quantity actuator system for diesel engines via backstepping control technique and generalised proportional integral observer. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 605-613	2.5	1
82	High-Precision Contour-Tracking Control of Ethernet-Based Networked Motion Control Systems. <i>IEEJ Journal of Industry Applications</i> , <b>2020</b> , 9, 1-10	0.7	1
81	Continuous terminal sliding mode guidance law with consideration of autopilot dynamics <b>2017</b> ,		1

80	Continuous second-order sliding mode control based on disturbance observer for LOS stabilized system <b>2016</b> ,		1
79	Finite-time control for DC-AC inverter system with mismatched disturbances using continuous nonsingular terminal sliding modes <b>2016</b> ,		1
78	Modeling, Analysis, and Advanced Control in Motion Control SystemsPart II. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 6371-6374	8.9	1
77	Method of eliminating velocity ripples in Brushless DC motor based on internal model principle and sliding model control <b>2016</b> ,		1
76	Modeling, Analysis, and Advanced Control in Motion Control SystemsPart I. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 5709-5711	8.9	1
75	Consensus disturbance rejection control for second-order multi-agent systems via nonsingular terminal sliding-mode control <b>2016</b> ,		1
74	Finite-time output feedback stabilization of second-order systems with mismatched disturbances with application to consensus <b>2016</b> ,		1
73	Analysis of Test Volume Size in 3D MIMO OTA for 5G <b>2019</b> ,		1
72	Finite-time control for double-layer Peltier system based on finite-time observer. <i>Advances in Mechanical Engineering</i> , <b>2019</b> , 11, 168781401983685	1.2	1
71	Predictive functional control of PMSM based on a composite prediction model <b>2013</b> ,		1
70	Global decentralized stabilization for a class of large-scale feedforward nonlinear systems <b>2015</b> ,		1
69	Composite nonlinear predictive control based on finite-time disturbance observer for Mars entry vehicle <b>2015</b> ,		1
68	<b>2014</b> ,		1
67	Decentralized sampled-data control of interconnected systems using low gain and high gain output feedback <b>2014</b> ,		1
66	Iterative learning control with extended state observer for iteration-varying disturbance rejection <b>2014</b> ,		1
65	Mars entry trajectory tracking via constrained multi-model predictive control <b>2014</b> ,		1
64	Two-sided energy scheduling algorithm for smart grid with storage cost <b>2013</b> ,		1
63	Global output feedback stabilization for a class of nonlinear planar systems with output-dependent growth rates. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 683-688		1

62	Global Finite-Time Stabilization of a Class of Nonlinear Systems via Bounded Output Feedback Controllers. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 233-238		1
61	Global finite-time stabilization of a class of upper-triangular systems <b>2010</b> ,		1
60	Global stabilization of a class of upper-triangular systems with higher-order nonlinearities <b>2010</b> ,		1
59	Autopilot Design of Bank-to-Turn Missiles Using State-Space Disturbance Observers <b>2010</b> ,		1
58	Using discrete-time controller to globally stabilize a class of feedforward nonlinear systems <b>2011</b> ,		1
57	Output feedback finite-time control for a bioreactor system based on a finite-time stable observer. <i>Transactions of the Institute of Measurement and Control</i> , <b>2012</b> , 34, 998-1007	1.8	1
56	A huntingtin-HAP1-PCM1 pathway in ciliogenesis. <i>Expert Review of Proteomics</i> , <b>2012</b> , 9, 17-9	4.2	1
55	Drug-Induced Phase Transition from Cubic Phase to Vesicle. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 797-800	1.5	1
54	Modeling gross primary production in Jiangxi Province using MODIS images <b>2008</b> ,		1
53	A PMSM position servo system based on finite-time control <b>2008</b> ,		1
52	Sliding Mode Control of Spacecraft Attitude with Finite-time Convergence <b>2006</b> ,		1
51	Spacecraft Attitude Control Based on Quaternion <b>2006</b> ,		1
50	A Novel Three-DOF 3-RRRRR Parallel Platform Mechanism and Its Position Analysis <b>2005</b> , 699		1
49	Finite-Time Distributed Approximate Optimization Algorithms of Higher Order Multiagent Systems via Penalty-Function-Based Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-9	7.3	1
48	An Optimal Variable Impedance Control With Consideration of the Stability. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 7, 1737-1744	4.2	1
47	Adaptive Event-Triggered Decentralized Dynamic Output Feedback Control for Load Frequency Regulation of Power Systems With Communication Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	1
46	Periodic Event-Triggered Control for a Class of Nonminimum-Phase Nonlinear Systems Using Dynamic Triggering Mechanism. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-10	3.9	1
45	Output Feedback Stabilization of Invariant Sets for Nonlinear Switched Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 34, 784-791		1

44	An Improved Control Strategy for Ball Mill Grinding Circuits. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 409-415	0.9	1
43	Extended State based Kalman Filter for Uncertain Systems with Bias. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 2299-2304	2.7	1
42	<b>2020</b> ,		1
41	Experimental research and mechanical analysis on the bond-slip behavior between concrete and corroded I-shaped steel. <i>Structural Concrete</i> , <b>2021</b> , 22, 2358-2372	2.6	1
40	Analysis of the Mechanical Characteristics of Different Track Bed Types in Heavy-Haul Railway Tunnels. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-11	1.1	1
39	Incremental passivity based control for DC-DC boost converter with circuit parameter perturbations using nonlinear disturbance observer <b>2016</b> ,		1
38	Disturbance observer based robust finite control set predictive torque control for induction motor systems <b>2016</b> ,		1
37	GPIO-based rail pressure control for diesel high pressure common rail injection system. <i>Journal of Engineering</i> , <b>2019</b> , 2019, 8293-8298	0.7	1
36	Height and attitude tracking control of an unmanned helicopter via a HDOB-backstepping composite control method. <i>Journal of Engineering</i> , <b>2019</b> , 2019, 8303-8309	0.7	1
35	Observer-Based Output Feedback Stabilization for Perturbed Second-Order Uncertain System with Finite-Time Convergence <b>2019</b> ,		1
34	Surface modification via 2-thenoyltrifluoroacetone and the photophysical studies. <i>Chemical Papers</i> , <b>2021</b> , 75, 873-881	1.9	1
33	Energy-Constrained Confidentiality Fusion Estimation Against Eavesdroppers. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
32	Fe-Mn Oxides Based Multifunctional Adsorptive/Electrosensing Nanoplatforms: Dynamic Site Rearrangement for Metal Ion Selectivity. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 3967-3975	10.3	1
31	Modelling and Composite Control of Fuel Quantity Actuator System for Diesel Engines. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 807-812	0.7	1
30	Prediction Method for Fine Particle Loss Rate of Sandy Soil under Suffusion. <i>KSCE Journal of Civil Engineering</i> , 1	1.9	1
29	A GESO based MPC approach to contour error control of networked motion control system. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 2216-2225	2.3	0
28	Semi-Global Stabilization via Linear Sampled-Data Output Feedback for a Class of Uncertain Nonlinear Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 286-291		0
27	Modified Internal Model Control of PMSM Speed-regulation System*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 11550-11555		0

26	Nonsmooth Observer-Based Sensorless Speed Control for Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	o
25	Global finite-time set stabilization of spacecraft attitude with disturbances using second-order sliding mode control. <i>Nonlinear Dynamics</i> , <b>2022</b> , 108, 1305	5	o
24	Signal generator based finite-time formation control for disturbed heterogeneous multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 359, 1041-1041	4	o
23	Sampled-data robust visual servoing control for moving target tracking of an inertially stabilized platform with a measurement delay. <i>Automatica</i> , <b>2022</b> , 137, 110105	5.7	o
22	Event-triggered state feedback control for p-normal uncertain nonlinear systems. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 1284-1296	2.3	o
21	Online Modeling of the CNC Engraving System With Dead-Zone Input Nonlinearity. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	o
20	A Model-Based Unmatched Disturbance Rejection Control Approach for Speed Regulation of a Converter-Driven DC Motor Using Output-Feedback. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 1-12	7	o
19	Meta-WF: Meta-Learning-based Few-Shot Wireless Impersonation Detection for Wi-Fi Networks. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	o
18	A pendant droplet-based sensor for the detection of acetylcholinesterase and its inhibitors.. <i>Chemical Communications</i> , <b>2021</b> , 57, 8909-8912	5.8	o
17	A Learning Based Hierarchical Control Framework for Human-Robot Collaboration. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2022</b> , 1-12	4.9	o
16	Authors' reply to Comment on Attitude synchronization control for a group of flexible spacecraft [Automatica 50 (2014) 646-651]. <i>Automatica</i> , <b>2017</b> , 83, 397	5.7	
15	Photo-responsive Supra-Amphiphilic Aggregates with Differential Morphology and Fluorescent Property Mediated by the Substituent Position in the Counterions of Bola-Amphiphiles. <i>ChemistrySelect</i> , <b>2018</b> , 3, 2982-2988	1.8	
14	Smart Photovoltaic Windows: High-Efficiency and Reliable Smart Photovoltaic Windows Enabled by Multiresponsive Liquid Crystal Composite Films and Semi-Transparent Perovskite Solar Cells (Adv. Energy Mater. 33/2019). <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1970129	21.8	
13	Attitude synchronization for multiple flexible spacecraft based on non-smooth control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 9968-9972		
12	Crystallization of calcium carbonate controlled by Pluronic P123 in room-temperature ionic liquid. <i>Colloid and Polymer Science</i> , <b>2013</b> , 291, 2851-2859	2.4	
11	Global Stabilization for A Class of Nonlinear Systems with Time Delays via Sampled-Data Output Feedback * *This work is supported by the National Natural Science Foundation of China under grant nos. 61473080, 61673153, 61503078, 61628302 and 61504027, the NSF of Jiangsu Province (BK20140647), the Fundamental Research Funds for the Central Universities and the Priority Academic Program Development of Jiangsu Higher Education Institutions. <i>IFAC PapersOnLine</i> , <b>2017</b> , 50, 16040-16045	0.7	
10	Generation and detection of squeezed state. <i>Optoelectronics Letters</i> , <b>2008</b> , 4, 231-233	0.7	
9	Comparative Studies of AOT and NaDEHP by Fluorescence Technique and z-Potential (z) Measurements. <i>Journal of Dispersion Science and Technology</i> , <b>2005</b> , 26, 285-290	1.5	

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|---|---|-----|
| 8 | Adaptive output regulation for cyber-physical systems under time-delay attacks. <i>Control Theory and Technology</i> , <b>2022</b> , 20, 20   | 1   |
| 7 | Continuous finite-time TSM control for electronic throttle system. <i>Journal of Engineering</i> , <b>2019</b> , 2019, 8383-8389  | 0.7 |
| 6 | Spatial Scaling Analysis in Gross Primary Production Estimation. <i>Advances in Intelligent and Soft Computing</i> , <b>2012</b> , 259-263  |     |
| 5 | Theoretical study on amplifying strong exciton-photon coupling based on surface plasmon in a hybridized perovskite nanowire-metal film-perovskite nanowire structure. <i>Modern Physics Letters B</i> , <b>2021</b> , 35, 2150336 | 1.6 |
| 4 | Homogeneous Active Disturbance Attenuation for a Perturbed Chain of Integrators. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 534-539   | 0.7 |
| 3 | Layer by Layer Assembly of Poly (Allylamine Hydrochloride)/Phosphate Ions and Poly (Sodium 4-Styrene Sulfonate) Membrane for Forward Osmosis Application. <i>Journal of Ocean University of China</i> , <b>2019</b> , 18, 743-749 | 1   |
| 2 | Formation Control for Leader-Follower Wheeled Mobile Robots Based on Embedded Control Technique. <i>IEEE Transactions on Control Systems Technology</i> , <b>2022</b> , 1-16  | 4.8 |
| 1 | CRISPR-Based Genome-Editing Tools for Huntington's Disease Research and Therapy. <i>Neuroscience Bulletin</i> ,   | 4.3 |