

Fei Liu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1033916/fei-liu-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

255
papers

3,816
citations

33
h-index

50
g-index

299
ext. papers

5,068
ext. citations

4.1
avg, IF

6.41
L-index

#	Paper	IF	Citations
255	Finite-Time H_{∞} Fuzzy Control of Nonlinear Jump Systems With Time Delays Via Dynamic Observer-Based State Feedback. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 605-614	8.3	164
254	Robust Finite-Time Bounded Controller Design of Time-Delay Conic Nonlinear Systems Using Sliding Mode Control Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1863-1873	7.3	101
253	Bactericidal action mechanism of negatively charged food grade clove oil nanoemulsions. <i>Food Chemistry</i> , 2016 , 197, 75-83	8.5	94
252	Fast Kalman-Like Optimal Unbiased FIR Filtering With Applications. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 2284-2297	4.8	93
251	Effects of extraction methods on the yield, chemical structure and anti-tumor activity of polysaccharides from <i>Cordyceps gunnii</i> mycelia. <i>Carbohydrate Polymers</i> , 2016 , 140, 461-71	10.3	89
250	Preparation of gelatin films incorporated with tea polyphenol nanoparticles for enhancing controlled-release antioxidant properties. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 3987-95	5.7	88
249	H_{∞} Control for Discrete-Time Markov Jump Systems With Uncertain Transition Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1566-1572	5.9	82
248	Adaptive Optimal Control for a Class of Nonlinear Systems: The Online Policy Iteration Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 549-558	10.3	79
247	Design and Performance Analysis of An Energy-Efficient Uplink Carrier Aggregation Scheme. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 197-207	14.2	76
246	Physicochemical and thermomechanical characterization of tara gum edible films: effect of polyols as plasticizers. <i>Carbohydrate Polymers</i> , 2014 , 111, 359-65	10.3	73
245	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 1706-16	10.2	69
244	Gain-Scheduled Robust Fault Detection on Time-Delay Stochastic Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 4908-4916	8.9	67
243	Finite-Time L-Gain Asynchronous Control for Continuous-Time Positive Hidden Markov Jump Systems via T-S Fuzzy Model Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 77-87	10.2	66
242	Finite-Time Resilient Controller Design of a Class of Uncertain Nonlinear Systems With Time-Delays Under Asynchronous Switching. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 281-286	7.3	62
241	Minimum variance unbiased FIR filter for discrete time-variant systems. <i>Automatica</i> , 2015 , 53, 355-361	5.7	61
240	Observer-Based Asynchronous Fault Detection for Conic-Type Nonlinear Jumping Systems and its Application to Separately Excited DC Motor. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 951-962	3.9	60
239	Synthesis, characterization and antioxidant activity of selenium polysaccharide from <i>Cordyceps militaris</i> . <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1090-1099	7.9	60

238	A Graph-Based Cooperative Scheduling Scheme for Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 1450-1458	6.8	58
237	The preparation of three selenium-containing <i>Cordyceps militaris</i> polysaccharides: Characterization and anti-tumor activities. <i>International Journal of Biological Macromolecules</i> , 2017 , 99, 196-204	7.9	56
236	Asynchronous Output Feedback Control for a Class of Conic-Type Nonlinear Hidden Markov Jump Systems Within a Finite-Time Interval. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-8	7.3	52
235	The effect of high moisture heat-acid treatment on the structure and digestion property of normal maize starch. <i>Food Chemistry</i> , 2014 , 159, 222-9	8.5	49
234	Performance analysis of stochastic gradient algorithms under weak conditions. <i>Science in China Series F: Information Sciences</i> , 2008 , 51, 1269-1280		49
233	Finite-time asynchronous dissipative filtering of conic-type nonlinear Markov jump systems. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	46
232	Online policy iterative-based H _∞ optimization algorithm for a class of nonlinear systems. <i>Information Sciences</i> , 2019 , 495, 1-13	7.7	45
231	Fuzzy Fault Detection for Markov Jump Systems With Partly Accessible Hidden Information: An Event-Triggered Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	44
230	. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 718-722	3.2	43
229	Improved data driven model free adaptive constrained control for a solid oxide fuel cell. <i>IET Control Theory and Applications</i> , 2016 , 10, 1412-1419	2.5	43
228	Observer-based H _∞ control on nonhomogeneous Markov jump systems with nonlinear input. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 1903-1924	3.6	42
227	Fuzzy model-based fault detection for Markov jump systems. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 1248-1266	3.6	41
226	Probiotic Mixture of Strains Improves Lipid Metabolism and Gut Microbiota Structure in High Fat Diet-Fed Mice. <i>Frontiers in Microbiology</i> , 2020 , 11, 512	5.7	36
225	Linear Optimal Unbiased Filter for Time-Variant Systems Without Apriori Information on Initial Conditions. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 882-887	5.9	33
224	Finite-time stabilisation for Markov jump systems with Gaussian transition probabilities. <i>IET Control Theory and Applications</i> , 2013 , 7, 298-304	2.5	33
223	Robust adaptive control for greenhouse climate using neural networks. <i>International Journal of Robust and Nonlinear Control</i> , 2011 , 21, 815-826	3.6	33
222	Robust H _∞ sliding Mode Controller Design of a Class of Time-Delayed Discrete Conic-Type Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 885-892	7.3	33
221	Fault Detection and Diagnosis of Multiple-Model Systems With Mismodeled Transition Probabilities. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 5063-5071	8.9	31

220	Nitrogen removal characteristics of indigenous aerobic denitrifiers and changes in the microbial community of a reservoir enclosure system via in situ oxygen enhancement using water lifting and aeration technology. <i>Bioresource Technology</i> , 2016 , 214, 63-73	11	31
219	Sliding Mode Controller Design for Conic-Type Nonlinear Semi-Markovian Jumping Systems of Time-Delayed Chua's Circuit. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2467-2475	7.3	31
218	Gain-Scheduled Worst-Case Control on Nonlinear Stochastic Systems Subject to Actuator Saturation and Unknown Information. <i>Journal of Optimization Theory and Applications</i> , 2013 , 156, 844-858	1.6	30
217	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	28
216	Distributed plant-wide process monitoring based on PCA with minimal redundancy maximal relevance. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 169, 53-63	3.8	27
215	Evaluating the Safety of Potential Probiotic KLDS6.0930 Using Whole Genome Sequencing and Oral Toxicity Study. <i>Frontiers in Microbiology</i> , 2018 , 9, 1943	5.7	27
214	Online adaptive optimal control for continuous-time Markov jump linear systems using a novel policy iteration algorithm. <i>IET Control Theory and Applications</i> , 2015 , 9, 1536-1543	2.5	26
213	Finite-Time Stabilization of Switching Markov Jump Systems with Uncertain Transition Rates. <i>Circuits, Systems, and Signal Processing</i> , 2015 , 34, 3741-3756	2.2	25
212	Localization of Indoor Mobile Robot Using Minimum Variance Unbiased FIR Filter. <i>IEEE Transactions on Automation Science and Engineering</i> , 2018 , 15, 410-419	4.9	25
211	Reinforcement learning and adaptive optimization of a class of Markov jump systems with completely unknown dynamic information. <i>Neural Computing and Applications</i> , 2020 , 32, 14311-14320	4.8	25
210	Centralized PI control for high dimensional multivariable systems based on equivalent transfer function. <i>ISA Transactions</i> , 2014 , 53, 1554-61	5.5	24
209	In Vitro and In Vivo Evaluation of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> KLDS1.0207 for the Alleviative Effect on Lead Toxicity. <i>Nutrients</i> , 2017 , 9,	6.7	24
208	<i>Lactobacillus xiangfangensis</i> sp. nov., isolated from Chinese pickle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 860-863	2.2	24
207	Preparation and inhibition on α -glucosidase of low molecular weight polysaccharide from <i>Cordyceps militaris</i> . <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 27-33	7.9	24
206	Event-Triggered Consensus Seeking of Heterogeneous First-Order Agents With Input Delay. <i>IEEE Access</i> , 2017 , 5, 5215-5223	3.5	23
205	Data-driven policy iteration algorithm for optimal control of continuous-time Itô stochastic systems with Markovian jumps. <i>IET Control Theory and Applications</i> , 2016 , 10, 1431-1439	2.5	23
204	Higher order moment stability region for Markov jump systems based on cumulant generating function. <i>Automatica</i> , 2018 , 93, 389-396	5.7	22
203	A new iterative algorithm for solving H ∞ control problem of continuous-time Markovian jumping linear systems based on online implementation. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3737-3754	3.6	22

202	Average-Consensus Tracking of Sensor Network via Distributed Coordination Control of Heterogeneous Multi-Agent Systems 2019 , 3, 132-137		22
201	Robust control for nonhomogeneous Markov jump processes: An application to DC motor device. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3322-3338	4	22
200	Finite-Time Gain-Scheduled Control on Stochastic Bioreactor Systems with Partially Known Transition Jump Rates. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 609-627	2.2	22
199	Asynchronous Fault Detection Observer for 2-D Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	22
198	Designing of a Cofactor Self-Sufficient Whole-Cell Biocatalyst System for Production of 1,2-Amino Alcohols from Epoxides. <i>ACS Synthetic Biology</i> , 2019 , 8, 734-743	5.7	21
197	Finite-Time Stabilization of Stochastic Systems With Partially Known Transition Probabilities. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2011 , 133,	1.6	21
196	The Longest 2020 Meiyu Season Over the Past 60 Years: Subseasonal Perspective and Its Predictions. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL093596	4.9	21
195	Dynamic Self-Triggered Controller Codesign for Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1353-1360	5.9	21
194	Parameter estimation for a dual-rate system with time delay. <i>ISA Transactions</i> , 2014 , 53, 1368-76	5.5	20
193	Consensus Problem of Heterogeneous Multi-agent Systems with Time Delay under Fixed and Switching Topologies. <i>International Journal of Automation and Computing</i> , 2014 , 11, 340-346	3.5	20
192	Constrained particle filtering methods for state estimation of nonlinear process. <i>AIChE Journal</i> , 2014 , 60, 2072-2082	3.6	19
191	Robust fault detection for discrete-time stochastic systems with non-homogeneous jump processes. <i>IET Control Theory and Applications</i> , 2014 , 8, 1-10	2.5	18
190	Robust L2 Filtering for a class of dynamical systems with nonhomogeneous Markov jump process. <i>International Journal of Systems Science</i> , 2015 , 46, 599-608	2.3	17
189	<i>Leuconostoc mesenteroides</i> subsp. <i>suionicum</i> subsp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1548-1551	2.2	17
188	Traffic load balance methods in the LTE-Advanced system with carrier aggregation 2010 ,		17
187	High-order mismatched disturbance rejection control for small-scale unmanned helicopter via continuous nonsingular terminal sliding-mode approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 935-948	3.6	17
186	Detection and Diagnosis of Multiple Faults With Uncertain Modeling Parameters. <i>IEEE Transactions on Control Systems Technology</i> , 2017 , 25, 1873-1881	4.8	16
185	Resilient fault detection observer design of fuzzy Markovian jumping systems with mode-dependent time-varying delays. <i>Journal of the Franklin Institute</i> , 2016 , 353, 2943-2965	4	16

184	Triosephosphate isomerase (TPI) facilitates the replication of WSSV in <i>Exopalaemon carinicauda</i> . <i>Developmental and Comparative Immunology</i> , 2017 , 71, 28-36	3.2	15
183	H ∞ filtering for discrete-time Markov jump systems with unknown transition probabilities. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 138-148	2.8	15
182	Short communication: Genomic and phenotypic analyses of exopolysaccharides produced by <i>Streptococcus thermophilus</i> KLDS SM. <i>Journal of Dairy Science</i> , 2018 , 101, 106-112	4	14
181	Effect of Gallic acid on mechanical and water barrier properties of zein-oleic acid composite films. <i>Journal of Food Science and Technology</i> , 2016 , 53, 2227-35	3.3	14
180	Safety Assessment of <i>Lactobacillus helveticus</i> KLDS1.8701 Based on Whole Genome Sequencing and Oral Toxicity Studies. <i>Toxins</i> , 2017 , 9,	4.9	14
179	Identification of surface-associated proteins of <i>Bifidobacterium animalis</i> ssp. <i>lactis</i> KLDS 2.0603 by enzymatic shaving. <i>Journal of Dairy Science</i> , 2016 , 99, 5155-5172	4	14
178	Finite-frequency fault detection based on derandomisation for Markov jump linear system. <i>IET Control Theory and Applications</i> , 2018 , 12, 1148-1155	2.5	14
177	Nonlinear process identification in the presence of multiple correlated hidden scheduling variables with missing data. <i>AIChE Journal</i> , 2015 , 61, 3270-3287	3.6	13
176	Exome Sequencing Identifies a Mutation in EYA4 as a Novel Cause of Autosomal Dominant Non-Syndromic Hearing Loss. <i>PLoS ONE</i> , 2015 , 10, e0126602	3.7	13
175	HMM-Based Asynchronous Controller Design of Markovian Jumping Lur ∞ Systems Within a Finite-Time Interval. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-7	7.3	12
174	Complete genome sequence of KLDS6.0933, a potential probiotic strain with high cholesterol removal ability. <i>Gut Pathogens</i> , 2018 , 10, 32	5.4	12
173	Finite-time H ∞ control with average dwell-time constraint for time-delay Markov jump systems governed by deterministic switches. <i>IET Control Theory and Applications</i> , 2014 , 8, 968-977	2.5	12
172	High-Order Moment Filtering for Markov Jump Systems in Finite Frequency Domain. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1217-1221	3.5	12
171	Bayesian State Estimation for Markovian Jump Systems: Employing Recursive Steps and Pseudocodes. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , 2019 , 5, 27-36	1.6	11
170	Unbiased, optimal, and in-between: the trade-off in discrete finite impulse response filtering. <i>IET Signal Processing</i> , 2016 , 10, 325-334	1.7	11
169	Dynamical consensus seeking of heterogeneous multi-agent systems under input delays. <i>International Journal of Communication Systems</i> , 2012 , 26, n/a-n/a	1.7	11
168	Observer-based finite-time stabilization for extended Markov jump systems. <i>Asian Journal of Control</i> , 2011 , 13, 925-935	1.7	11
167	β A-adrenergic receptor induces activation of extracellular signal-regulated kinase 1/2 through endocytic pathway. <i>PLoS ONE</i> , 2011 , 6, e21520	3.7	11

166	Contrasting effects of microplastics on sorption of diazepam and phenanthrene in soil. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124312	12.8	11
165	Identification of time-delay Markov jump autoregressive exogenous systems with expectation-maximization algorithm. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 1920-1933	2.8	10
164	Complete genome sequence of <i>Lactobacillus helveticus</i> KLDS1.8701, a probiotic strain producing bacteriocin. <i>Journal of Biotechnology</i> , 2015 , 212, 90-1	3.7	10
163	Robust Slow Feature Analysis for Statistical Process Monitoring. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 12504-12513	3.9	10
162	Exome sequencing identifies a mutation in TMC1 as a novel cause of autosomal recessive nonsyndromic hearing loss. <i>Journal of Translational Medicine</i> , 2016 , 14, 29	8.5	10
161	Stochastic consensus control with finite frequency specification for Markov jump networks. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2961-2974	3.6	10
160	P-Texture Effect on the Fatigue Crack Propagation Resistance in an Al-Cu-Mg Alloy Bearing a Small Amount of Silver. <i>Materials</i> , 2018 , 11,	3.5	10
159	Asynchronously compensated synchronization algorithm for multiple harmonic oscillators with communication delay. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 281-297	3.6	9
158	Characterization and lymphocyte proliferation activity of an oligosaccharide degraded from <i>Astragalus</i> polysaccharide. <i>MedChemComm</i> , 2017 , 8, 1521-1530	5	9
157	Stochastic stability analysis of integral non-homogeneous Markov jump systems. <i>International Journal of Systems Science</i> , 2018 , 49, 479-485	2.3	9
156	Efficient synthesis and activity of beneficial intestinal flora of two lactulose-derived oligosaccharides. <i>European Journal of Medicinal Chemistry</i> , 2016 , 114, 8-13	6.8	9
155	Complete Genome Sequence of KLDS 3.1003, A Strain with High Antimicrobial Potential against Foodborne and Vaginal Pathogens. <i>Frontiers in Microbiology</i> , 2017 , 8, 1238	5.7	9
154	Genome-wide identification of small RNAs in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> KLDS 2.0603 and their regulation role in the adaption to gastrointestinal environment. <i>PLoS ONE</i> , 2015 , 10, e0117373	3.7	9
153	. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1109-1124	5.9	9
152	Effects of chemical and natural ageing on the release of potentially toxic metal additives in commercial PVC microplastics. <i>Chemosphere</i> , 2021 , 283, 131274	8.4	9
151	On the Iterative Computation of Error Matrix in Unbiased FIR Filtering. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 555-558	3.2	8
150	Organic Acid Production and Food Pathogen Suppression by Probiotic and. <i>Frontiers in Microbiology</i> , 2019 , 10, 782	5.7	8
149	Complete genome sequence of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> KLDS 2.0603, a probiotic strain with digestive tract resistance and adhesion to the intestinal epithelial cells. <i>Journal of Biotechnology</i> , 2016 , 220, 49-50	3.7	8

148	On Delay-Dependent Stability of Markov Jump Systems with Distributed Time-Delays. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 323-337	2.2	8
147	Receding Horizon Control for Constrained Markovian Jump Linear Systems With Bounded Disturbance. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2011 , 133,	1.6	8
146	Robust L ₂ -L _∞ Filtering of Time-Delay Jump Systems with Respect to the Finite-Time Interval. <i>Mathematical Problems in Engineering</i> , 2011 , 2011, 1-17	1.1	8
145	Research progress in pathogenic genes of hereditary non-syndromic mid-frequency deafness. <i>Frontiers of Medicine</i> , 2016 , 10, 137-42	12	8
144	A novel link allocation method for vehicle-to-vehicle-based relaying networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016 , 27, 64-73	1.9	8
143	Optimal FIR Filter for Discrete-Time LTV Systems and Fast Iterative Algorithm. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1527-1531	3.5	8
142	Changes in lncRNAs and related genes in β -thalassemia minor and β -thalassemia major. <i>Frontiers of Medicine</i> , 2017 , 11, 74-86	12	7
141	Major Traditional Probiotics: Comparative Genomic Analyses and Roles in Gut Microbiome of Eight Cohorts. <i>Frontiers in Microbiology</i> , 2019 , 10, 712	5.7	7
140	Occurrence, risk and influencing factors of polycyclic aromatic hydrocarbons in surface soils from a large-scale coal mine, Huainan, China. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 192, 110269	7	7
139	Online identification of time-delay jump Markov autoregressive exogenous systems with recursive expectation-maximization algorithm. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 407-426	2.8	7
138	Distributed Student's t filtering algorithm for heavy-tailed noises. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018 , 32, 875-890	2.8	7
137	Compact and high selectivity dual-mode microstrip BPF with frequency-dependent source load coupling. <i>Electronics Letters</i> , 2018 , 54, 219-221	1.1	7
136	Complete genome sequence of <i>Enterococcus durans</i> KLDS6.0930, a strain with probiotic properties. <i>Journal of Biotechnology</i> , 2016 , 217, 49-50	3.7	7
135	Relieving Allosteric Inhibition by Designing Active Inclusion Bodies and Coating of the Inclusion Bodies with Fe ₃ O ₄ Nanomaterials for Sustainable 2-Oxobutyric Acid Production. <i>ACS Catalysis</i> , 2018 , 8, 8889-8901	13.1	7
134	Novel EXT1 mutation identified in a pedigree with hereditary multiple exostoses. <i>Oncology Reports</i> , 2014 , 31, 713-8	3.5	7
133	Disturbance Rejection for Markov Jump Systems with Partly Unknown Transition Probabilities and Saturation. <i>Circuits, Systems, and Signal Processing</i> , 2013 , 32, 2783-2797	2.2	7
132	Grhl1 deficiency affects inner ear development in zebrafish. <i>International Journal of Developmental Biology</i> , 2015 , 59, 417-23	1.9	7
131	A Novel QoS-Based Carrier Scheduling Scheme in LTE-Advanced Networks with Multi-Service 2012 ,		7

130	On robust controllability of uncertain non-linear jump systems with respect to the finite-time interval. <i>Transactions of the Institute of Measurement and Control</i> , 2012 , 34, 841-849	1.8	7
129	Novel disturbance-observer-based control for systems with high-order mismatched disturbances. <i>International Journal of Systems Science</i> , 2018 , 49, 371-382	2.3	7
128	Observer-based cooperative distributed fault-tolerant model predictive control with imperfect network communication and asynchronous measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4531-4549	3.6	6
127	Robust finite-time control and estimation for uncertain time-delayed switched systems by observer-based sliding mode technique. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 1813-1830	1.7	6
126	Pulverization characteristics of coal affected by magmatic intrusion and analysis of the abnormal gas desorption index on drill cuttings. <i>Adsorption Science and Technology</i> , 2018 , 36, 805-829	3.6	6
125	Effect of Type of Plasticizers on Mechanical and Water Barrier Properties of Transglutaminase Cross-Linked ZeinOleic Acid Composite Films. <i>International Journal of Food Engineering</i> , 2016 , 12, 365-376 ⁹	1.9	6
124	Continuous Full-Order Nonsingular Terminal Sliding Mode Control for Systems With Matched and Mismatched Disturbances. <i>IEEE Access</i> , 2019 , 7, 130970-130976	3.5	6
123	Observer Based Finite-Time Stabilization for Discrete-Time Markov Jump Systems with Gaussian Transition Probabilities. <i>Circuits, Systems, and Signal Processing</i> , 2014 , 33, 3019-3035	2.2	6
122	Stochastic finite-time consensualisation for Markov jump networks with disturbance. <i>IET Control Theory and Applications</i> , 2015 , 9, 2340-2347	2.5	6
121	Consensus control and feedback graph co-design for MIMO discrete-time multi-agent systems. <i>Journal of Control and Decision</i> , 2014 , 1, 18-33	0.9	6
120	Consensus analysis for multiple autonomous agents with input delay and communication delay. <i>International Journal of Control, Automation and Systems</i> , 2012 , 10, 1005-1012	2.9	6
119	Risk-sensitive filtering for nonlinear Markov jump systems on the basis of particle approximation. <i>International Journal of Adaptive Control and Signal Processing</i> , 2012 , 26, 158-170	2.8	6
118	Observer-Based H _∞ Control on Nonhomogeneous Discrete-Time Markov Jump Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2013 , 135,	1.6	6
117	Solute Carrier Family 26 Member a2 (slc26a2) Regulates Otic Development and Hair Cell Survival in Zebrafish. <i>PLoS ONE</i> , 2015 , 10, e0136832	3.7	6
116	subsp. KLDS 1.0207 Exerts Antimicrobial and Cytotoxic Effects and Improves Blood Biochemical Parameters Against Notable Foodborne Pathogens. <i>Frontiers in Microbiology</i> , 2020 , 11, 583070	5.7	6
115	A leader-following formation control of multiple mobile robots with obstacle 2015 ,		5
114	Finite-time asynchronous resilient observer design of a class of non-linear switched systems with time-delays and uncertainties. <i>IET Control Theory and Applications</i> , 2020 , 14, 952-963	2.5	5
113	Fast Kalman-like optimal FIR filter for time-variant systems with improved robustness. <i>ISA Transactions</i> , 2018 , 80, 160-168	5.5	5

112	Intracellular dark-field imaging of ATP and photothermal therapy using a colorimetric assay based on gold nanoparticle aggregation via tetrazine/trans-cyclooctene cycloaddition. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 5845-5854	4.4	5
111	New role of LRP5, associated with nonsyndromic autosomal-recessive hereditary hearing loss. <i>Human Mutation</i> , 2017 , 38, 1421-1431	4.7	5
110	Robust Fault Detection and Diagnosis for Multiple-Model Systems with Uncertainties. <i>IFAC-PapersOnLine</i> , 2015 , 48, 137-142	0.7	5
109	Asynchronously compensated consensus algorithm for discrete-time second-order multi-agent systems under communication delay. <i>IET Control Theory and Applications</i> , 2014 , 8, 2004-2012	2.5	5
108	H ∞ scheduling control on stochastic neutral systems subject to actuator nonlinearity. <i>International Journal of Systems Science</i> , 2013 , 44, 1301-1311	2.3	5
107	SLC44A4 mutation causes autosomal dominant hereditary postlingual non-syndromic mid-frequency hearing loss. <i>Human Molecular Genetics</i> , 2017 , 26, 383-394	5.6	5
106	Formation-Containment Control of Second-Order Multiagent Systems via Intermittent Communication. <i>Complexity</i> , 2018 , 2018, 1-13	1.6	5
105	Input Trajectory Adjustment within Batch Runs Based on Latent Variable Models. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 15562-15572	3.9	4
104	A fluorescence-quenching platform based on biomineralized hydroxyapatite from natural seashell and applied to cancer cell detection. <i>Scientific Reports</i> , 2014 , 4, 7556	4.9	4
103	Model Predictive Control of Mineral Column Flotation Process. <i>Mathematics</i> , 2018 , 6, 100	2.3	4
102	Gain scheduled L-two-L-infinity filtering for neutral systems with jumping and time-varying parameters. <i>Journal of Control Theory and Applications</i> , 2012 , 10, 118-123		4
101	Diversity of intraseasonal oscillation over the western North Pacific. <i>Climate Dynamics</i> , 2021 , 57, 1881-1893	4.9	4
100	Self-Tuning Unbiased Finite Impulse Response Filtering Algorithm for Processes With Unknown Measurement Noise Covariance. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 1372-1379	4.8	4
99	Enhancing l-glutamine production in <i>Corynebacterium glutamicum</i> by rational metabolic engineering combined with a two-stage pH control strategy. <i>Bioresource Technology</i> , 2021 , 341, 125799 ¹¹		4
98	Stress adaptation and cross-protection of <i>Lactobacillus plantarum</i> KLDS 1.0628. <i>CYTA - Journal of Food</i> , 2021 , 19, 72-80	2.3	4
97	Stochastic given-time H ∞ consensus over Markov jump networks with disturbance constraint. <i>Transactions of the Institute of Measurement and Control</i> , 2017 , 39, 1253-1261	1.8	3
96	Compensator design based on inverted decoupling for non-square processes. <i>IET Control Theory and Applications</i> , 2017 , 11, 996-1005	2.5	3
95	Distributed fault-tolerant model predictive control for intermittent fault: A cooperative way. <i>ISA Transactions</i> , 2019 , 89, 113-121	5.5	3

94	Role of SST meridional structure in coupling the Kelvin and Rossby waves of the intraseasonal oscillation. <i>Theoretical and Applied Climatology</i> , 2015 , 121, 623-629	3	3
93	Suppressive effects of <i>Streptococcus thermophilus</i> KLDS 3.1003 on some foodborne pathogens revealed through in vitro, in vivo and genomic insights. <i>Food and Function</i> , 2020 , 11, 6573-6587	6.1	3
92	mRMR-based wavelength selection for quantitative detection of Chinese yellow wine using NIRS. <i>Analytical Methods</i> , 2018 , 10, 667-675	3.2	3
91	Distributed consensus analysis for a class of heterogeneous multi-agent systems composed of first-order and fourth-order integrators 2016 ,		3
90	The Expression of GroEL Protein Amplified from <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> KLDS 2.0603 and its Role in Competitive Adhesion to Caco-2. <i>Food Biotechnology</i> , 2016 , 30, 292-305	2.2	3
89	Preparation and activity evaluation of chrysin- β -galactopyranoside. <i>Archives of Pharmacal Research</i> , 2016 , 39, 1433-1440	6.1	3
88	Fault Detection Based on Near-Infrared Spectra for the Oil Desalting Process. <i>Applied Spectroscopy</i> , 2018 , 72, 1199-1204	3.1	3
87	Robust control synthesis for discrete-time uncertain semi-Markov jump systems. <i>International Journal of Systems Science</i> , 2019 , 50, 2042-2052	2.3	3
86	Product design for batch processes through total projection to latent structures. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019 , 193, 103808	3.8	3
85	Constrained state estimation for stochastic jump systems: moving horizon approach. <i>International Journal of Systems Science</i> , 2017 , 48, 1009-1021	2.3	3
84	Delay effect on group consensus seeking of second-order multi-agent systems 2017 ,		3
83	Effect of embedded unbiasedness on discrete-time optimal FIR filtering estimates. <i>Eurasip Journal on Advances in Signal Processing</i> , 2015 , 2015,	1.9	3
82	Feedback Predictive Control Based on Periodic Invariant Set for Markov Jump Systems. <i>Circuits, Systems, and Signal Processing</i> , 2015 , 34, 2681-2693	2.2	3
81	A resource-aware sliding mode control approach for Markov jump systems. <i>ISA Transactions</i> , 2020 ,	5.5	3
80	A Variational Bayesian Approach for Identification of Time-Delay Markov Jump Autoregressive Exogenous Systems. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 1265-1289	2.2	3
79	Screening beneficial bacteriostatic lactic acid bacteria in the intestine and studies of bacteriostatic substances. <i>Journal of Zhejiang University: Science B</i> , 2021 , 22, 533-547	4.5	3
78	State estimation for jump markov nonlinear systems of unknown measurement data covariance. <i>Journal of the Franklin Institute</i> , 2021 , 358, 1673-1691	4	3
77	Sensor Fault Estimation in a Probabilistic Framework for Industrial Processes and its Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	3

76	Synthesis of covalent organic frameworks via Kabachnik-Fields reaction for water treatment.. <i>Journal of Hazardous Materials</i> , 2022 , 433, 128831	12.8	3
75	Fuzzy fault detection of conic-type nonlinear systems within the finite frequency domain. <i>Applied Mathematics and Computation</i> , 2020 , 378, 125181	2.7	2
74	Consensus protocol based on distributed model predictive control for first-order multi-agent systems 2017 ,		2
73	Trajectory tracking control for manned submersible system with disturbances via disturbance characterization index approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5641-5653	2.6	2
72	Distributed fault-tolerant model predictive control for intermittent faults. <i>IET Control Theory and Applications</i> , 2019 , 13, 1554-1563	2.5	2
71	Output Peak Control of Nonhomogeneous Markov Jump System with Unit-Energy Disturbance. <i>Circuits, Systems, and Signal Processing</i> , 2014 , 33, 2793-2806	2.2	2
70	Interaction measurement for complex multivariable models with various reference inputs based on RNGA 2017 ,		2
69	Mining seasonal marine microbial pattern with greedy heuristic clustering and symmetrical nonnegative matrix factorization. <i>BioMed Research International</i> , 2014 , 2014, 189590	3	2
68	On-line estimation of glucose and biomass concentration in batch fermentation process using particle filter with constraint. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012 , 7, 678-686	1.3	2
67	Feedback predictive control for constrained fuzzy systems with Markovian jumps. <i>Asian Journal of Control</i> , 2012 , 14, 795-806	1.7	2
66	FIR Filtering for Discrete-Time Markov Jump Linear Systems. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 1149-1164	2.2	2
65	Aggregation-based fuzzy dual-mode control for nonlinear systems with mixed constraints. <i>International Journal of Systems Science</i> , 2012 , 43, 834-844	2.3	2
64	High-order moment multi-sensor fusion filter design of Markov jump linear systems. <i>IET Signal Processing</i> , 2020 , 14, 666-671	1.7	2
63	An Event-triggered Consensus Protocol for First-order Nonlinear Multi-agent Systems 2019 ,		2
62	Fixed-Time Consensus Tracking of Heterogeneous Multi-agent Systems* 2019 ,		2
61	. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 249-262	4.8	2
60	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5360-5368	11.9	2
59	Label-Free Rapid Detection of Invasive <i>S. cerevisiae</i> Infections With Optically Induced Dielectrophoresis-Based Micromanipulation and Graphene Transistor. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	2

58	High-Order Moment Recursive State Estimation of Markov Jump Linear Systems. <i>IEEE Access</i> , 2018 , 6, 70788-70793	3.5	2
57	Probabilistic PCR based near-infrared modeling with temperature compensation. <i>ISA Transactions</i> , 2018 , 81, 46-51	5.5	2
56	Developing new products with kernel partial least squares model inversion. <i>Computers and Chemical Engineering</i> , 2021 , 155, 107537	4	2
55	Was the Record-Breaking Mei-yu of 2020 Enhanced by Regional Climate Change?. <i>Bulletin of the American Meteorological Society</i> , 2022 , 103, S76-S82	6.1	2
54	Disturbance rejection control for Markov jump systems with nonhomogeneous processes 2015 ,		1
53	Batch-to-Batch and Within-Batch Input Trajectory Adjustment Based on the Probabilistic Latent Variable Model. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 5000-5009	3.9	1
52	Distributed leader-following consensus of a class of nonlinear multi-agent systems 2017 ,		1
51	Event-Triggered $\{H\}_{\infty}$ Control for Uncertain Markov Jump Systems With Nonlinear Input. <i>IEEE Access</i> , 2019 , 7, 108940-108947	3.5	1
50	Recursive Bayesian estimation for Markov jump linear systems with unknown mode-dependent state delays. <i>IET Signal Processing</i> , 2013 , 7, 911-919	1.7	1
49	A novel Bot detection algorithm based on API call correlation 2010 ,		1
48	Bayesian estimation for nonlinear stochastic hybrid systems with state dependent transitions. <i>Journal of Systems Engineering and Electronics</i> , 2012 , 23, 242-249	1.3	1
47	Effects of KLDS1.0901 on Proliferation and Apoptosis of Colon Cancer Cells.. <i>Frontiers in Microbiology</i> , 2021 , 12, 788040	5.7	1
46	Discrete Time q -Lag Maximum Likelihood FIR Smoothing and Iterative Recursive Algorithm. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 6342-6354	4.8	1
45	. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 1-10	7	1
44	Isolation method of from red blood cells based on the optically induced dielectrophoresis technique for the rapid detection of fungal infections.. <i>Biomedical Optics Express</i> , 2022 , 13, 559-570	3.5	1
43	Alleviation Effects of subsp. XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Microorganisms</i> , 2021 , 9,	4.9	1
42	Self-triggered finite-time H_2 control for Markov jump systems with multiple frequency ranges performance. <i>Information Sciences</i> , 2021 , 581, 694-710	7.7	1
41	Multilevel LASSO-based NIR temperature-correction modeling for viscosity measurement of bisphenol-A. <i>ISA Transactions</i> , 2020 , 107, 206-213	5.5	1

40	Robust control for Markov jump linear systems with unknown transition probabilities via an online temporal differences approach. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 3043-3051	1.8	1
39	Rational engineering of the Plasmodium falciparum-lactate dehydrogenase loop involved in catalytic proton transfer to improve chiral 2-hydroxybutyric acid production. <i>International Journal of Biological Macromolecules</i> , 2021 , 179, 71-79	7.9	1
38	optimal control for semi-Markov jump linear systems via TP-free temporal difference () learning. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6905-6916	3.6	1
37	Consensus problem of general linear first-order multi-agent network under communication delay 2016 ,		1
36	LQG control for networked control systems in the presence of data packet drops 2016 ,		1
35	Robust fault detection for nonlinear discrete-time Markovian jump systems with partly unknown transition probabilities 2016 ,		1
34	Scaled group consensus of delayed second-order multi-agent systems 2016 ,		1
33	Synthesis and Antitumor Activity of a New Ergosterol Derivative. <i>Chemistry of Natural Compounds</i> , 2016 , 52, 252-255	0.7	1
32	Robust filter design for asymmetric measurement noise using variational Bayesian inference. <i>IET Control Theory and Applications</i> , 2019 , 13, 1656-1664	2.5	1
31	Derandomisation-based multiple frequency control for stochastic Markov jump systems. <i>International Journal of Systems Science</i> , 2019 , 50, 91-103	2.3	1
30	Joint state estimation for nonlinear state-space model with unknown time-variant noise statistics. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 498-512	2.8	1
29	Composite Learning Control of Overactuated Manned Submersible Vehicle With Disturbance/Uncertainty and Measurement Noise. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5575-5583	10.3	1
28	Robust distributed economic model predictive control based on differential dissipativity. <i>AICHE Journal</i> , 2021 , 67, e17198	3.6	1
27	Given-time consensus for stochastic Markov jump networks by dynamic output feedback. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 3160-3168	1.8	1
26	A Finite-Time Disturbance Observer Based Full-Order Terminal Sliding-Mode Controller for Manned Submersible with Disturbances. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-11	1.1	1
25	State Fusion of Decentralized Optimal Unbiased FIR Filters. <i>Journal of Electrical and Computer Engineering</i> , 2018 , 2018, 1-11	1.9	1
24	Optimal operation of alumina proportioning and mixing process based on stochastic optimization approach. <i>Control Engineering Practice</i> , 2021 , 113, 104855	3.9	1
23	Intelligent State Estimation for Continuous Fermenters Using Variational Bayesian Learning. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 8429-8437	11.9	1

22	Polycyclic aromatic hydrocarbons in fine road dust from a coal-utilization city: Spatial distribution, source diagnosis and risk assessment. <i>Chemosphere</i> , 2022 , 286, 131555	8.4	1
21	Dissipativity-based finite-time asynchronous output feedback control for wind turbine system via a hidden Markov model. <i>International Journal of Systems Science</i> , 1-13	2.3	1
20	(H_{∞}) Filtering for Uncertain Periodic Markov Jump Systems with Periodic and Partly Unknown Information. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 4200-4214	2.2	0
19	[Ca ₂₄ Al ₂₈ O ₆₄] ₄₊ ·4e ⁻ electride ceramic realizes mechanical and electrical transport properties coordinated regulation via composite ZrO ₂ . <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 6380	2.1	0
18	Identification, Characterization, and Antioxidant Potential of subsp. Strains Isolated From Feces of Healthy Infants. <i>Frontiers in Microbiology</i> , 2021 , 12, 756519	5.7	0
17	Multi-manifold NIRS modelling via stacked contractive auto-encoders. <i>Canadian Journal of Chemical Engineering</i> , 2021 , 99, 1363-1373	2.3	0
16	Taking advantage of hybrid bioinspired intelligent algorithm with decoupled extended Kalman filter for optimizing growing and pruning radial basis function network. <i>Royal Society Open Science</i> , 2018 , 5, 180529	3.3	0
15	Label-free rapid isolation of <i>saccharomyces cerevisiae</i> with optically induced dielectrophoresis-based automatic micromanipulation. <i>Biomedical Microdevices</i> , 2021 , 23, 44	3.7	0
14	Suboptimal Bayesian state estimators for linear high-dimensional dynamic processes. <i>Journal of Process Control</i> , 2021 , 105, 88-98	3.9	0
13	Online state and inputs identification for stochastic systems using recursive expectation-maximization algorithm. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021 , 217, 104403	3.8	0
12	High sensitivity SPR refractive index sensor with high resolution based on anti-resonance fiber. <i>Optoelectronics Letters</i> , 2022 , 18, 0204-0209	0.7	0
11	Integrated Metabolic and Kinetic Modeling for Lysine Production. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 11012-11021	3.9	
10	Corrigendum to Stabilizing Parametric Region of Multiloop PID Controllers for Multivariable Systems Based on Equivalent Transfer Function <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-1	1.1	
9	FEEDBACK PREDICTIVE CONTROL OF NONHOMOGENEOUS MARKOV JUMP SYSTEMS WITH NONSYMMETRIC CONSTRAINTS. <i>ANZIAM Journal</i> , 2014 , 56, 138-149	0.5	
8	Dynamic-controlled pattern extraction and pattern-based model predictive control. <i>Journal of Process Control</i> , 2022 , 109, 32-43	3.9	
7	A self-triggered control scheme for Markov jump systems under multiple range performance restrictions. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2783-2788	0.7	
6	Fault Isolation for Desalting Processes Using Near-Infrared Measurements. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-9	1.1	
5	Process Pattern-Based Near-Infrared Spectroscopy (NIRS) Fault Detection Using a Potential Function. <i>Applied Spectroscopy</i> , 2019 , 73, 403-414	3.1	

4	Measurement Method of Akkermansia Muciniphila by Graphene-Based Transistor for Diseases Diagnosis. <i>IEEE Nanotechnology Magazine</i> , 2021 , 20, 332-337	2.6
3	Finite-time higher-order moment state estimation for Markov jump linear system with time-correlated measurement noise. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 2103-2110	1.8
2	Finite-frequency self-triggered model predictive control for Markov jump systems subject to actuator saturation. <i>Transactions of the Institute of Measurement and Control</i> , 014233122210850	1.8
1	Multitask Maximum Likelihood Identification for ARX Model With Multisensor. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 71, 1-10	5.2