Shen Yin

List of Publications by Citations

297 papers	27,379 citations	93 h-index	162 g-index
348 ext. papers	32,607 ext. citations	5.7 avg, IF	8.05 L-index

#	Paper	IF	Citations
297	A Review on Basic Data-Driven Approaches for Industrial Process Monitoring. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 6418-6428	8.9	938
296	A new delay system approach to network-based control. *Automatica*, **2008**, 44, 39-52	5.7	892
295	A comparison study of basic data-driven fault diagnosis and process monitoring methods on the benchmark Tennessee Eastman process. *Journal of Process Control*, **2012**, 22, 1567-1581	3.9	876
294	. *IEEE Transactions on Industrial Informatics*, **2013**, 9, 403-416	11.9	695
293	Data-Based Techniques Focused on Modern Industry: An Overview. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 657-667	8.9	640
292	Asynchronously switched control of switched linear systems with average dwell time. *Automatica*, **2010**, 46, 953-958	5.7	560
291	State Estimation and Sliding-Mode Control of Markovian Jump Singular Systems. *IEEE Transactions on Automatic Control*, **2010**, 55, 1213-1219	5.9	469
290	. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 342-357	8.3	466
289	Fault-tolerant control of Markovian jump stochastic systems via the augmented sliding mode observer approach. *Automatica*, **2014**, 50, 1825-1834	5.7	453
288	${cal H}_{infty}$ Estimation for Uncertain Systems With Limited Communication Capacity. *IEEE Transactions on Automatic Control*, **2007**, 52, 2070-2084	5.9	440
287	Real-Time Implementation of Fault-Tolerant Control Systems With Performance Optimization. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 2402-2411	8.9	439
286	A Combined Adaptive Neural Network and Nonlinear Model Predictive Control for Multirate Networked Industrial Process Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 416-25	10.3	419
285	New delay-dependent exponential H(infinity) synchronization for uncertain neural networks with mixed time delays. *IEEE Transactions on Systems, Man, and Cybernetics*, **2010**, 40, 173-85		397
284	Improved PLS Focused on Key-Performance-Indicator-Related Fault Diagnosis. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 1651-1658	8.9	379
283	Fuzzy-Model-Based Reliable Static Output Feedback $mathscr{H}_{infty }$ Control of Nonlinear Hyperbolic PDE Systems. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 388-400	8.3	323
282	Big Data for Modern Industry: Challenges and Trends [Point of View]. *Proceedings of the IEEE*, **2015**, 103, 143-146	14.3	316
281	H□filtering for 2D Markovian jump systems. *Automatica*, **2008**, 44, 1849-1858	5.7	309

280	Distributed H∞ Filtering for a Class of Markovian Jump Nonlinear Time-Delay Systems Over Lossy Sensor Networks. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 4665-4672	8.9	308
279	A variance-constrained approach to recursive state estimation for time-varying complex networks with missing measurements. *Automatica*, **2016**, 64, 155-162	5.7	305
278	Finite Frequency $H_{infty }$ Control for Vehicle Active Suspension Systems. *IEEE Transactions on Control Systems Technology*, **2011**, 19, 416-422	4.8	302
277	Quantised recursive filtering for a class of nonlinear systems with multiplicative noises and missing measurements. *International Journal of Control*, **2013**, 86, 650-663	1.5	301
276	Network-Based ${{cal H}}_{!!!infty }$ Output Tracking Control. *IEEE Transactions on Automatic Control*, **2008**, 53, 655-667	5.9	289
275	A delay-dependent approach to robust H/sub /spl infin// filtering for uncertain discrete-time state-delayed systems. *IEEE Transactions on Signal Processing*, **2004**, 52, 1631-1640	4.8	286
274	Adaptive Backstepping Control for Active Suspension Systems With Hard Constraints. *IEEE/ASME Transactions on Mechatronics*, **2013**, 18, 1072-1079	5.5	276
273	Fuzzy-Model-Based Piecewise ${mathscr H}_{infty }$ Static-Output-Feedback Controller Design for Networked Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2010**, 18, 919-934	8.3	269
272	Data-driven design of robust fault detection system for wind turbines. *Mechatronics*, **2014**, 24, 298-306	3	268
271	Robust Sampled-Data H_{infty} Control for Vehicle Active Suspension Systems. *IEEE Transactions on Control Systems Technology*, **2010**, 18, 238-245	4.8	268
270	Network-based feedback control for systems with mixed delays based on quantization and dropout compensation. *Automatica*, **2011**, 47, 2805-2809	5.7	258
269	Stability analysis for continuous systems with two additive time-varying delay components. *Systems and Control Letters*, **2007**, 56, 16-24	2.4	253
268	Recent Advances on Fuzzy-Model-Based Nonlinear Networked Control Systems: A Survey. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 1207-1217	8.9	246
267	Switching Stabilization for a Class of Slowly Switched Systems. *IEEE Transactions on Automatic Control*, **2015**, 60, 221-226	5.9	241
266	Robust sampled-data H∞ control with stochastic sampling. *Automatica*, **2009**, 45, 1729-1736	5.7	238
265	Data-driven monitoring for stochastic systems and its application on batch process. *International Journal of Systems Science*, **2013**, 44, 1366-1376	2.3	237
264	Distributed Synchronization in Networks of Agent Systems With Nonlinearities and Random Switchings. *IEEE Transactions on Cybernetics*, **2013**, 43, 358-70	10.2	233
263	Stability and Stabilization of Delayed T--S Fuzzy Systems: A Delay Partitioning Approach. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 750-762	8.3	233

262	Adaptive Fuzzy Control of Strict-Feedback Nonlinear Time-Delay Systems With Unmodeled Dynamics. *IEEE Transactions on Cybernetics*, **2016**, 46, 1926-38	10.2	228
261	. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 245-261	8.3	227
260	$H_{bm infty}$ Fuzzy Filtering of Nonlinear Systems With Intermittent Measurements. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 291-300	8.3	219
259	. *IEEE/ASME Transactions on Mechatronics*, **2015**, 20, 2613-2620	5.5	208
258	Robust ${{cal H}}_{infty}$ Filtering for Markovian Jump Systems With Randomly Occurring Nonlinearities and Sensor Saturation: The Finite-Horizon Case. *IEEE Transactions on Signal Processing*, **2011**, 59, 3048-3057	4.8	207
257	Fuzzy-model-based robust fault detection with stochastic mixed time delays and successive packet dropouts. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 365-76		204
256	Stabilization of Nonlinear Systems Under Variable Sampling: A Fuzzy Control Approach. *IEEE Transactions on Fuzzy Systems*, **2007**, 15, 972-983	8.3	202
255	Descriptor reduced-order sliding mode observers design for switched systems with sensor and actuator faults. *Automatica*, **2017**, 76, 282-292	5.7	198
254	Synchronization in complex networks and its application □A survey of recent advances and challenges. *Annual Reviews in Control*, **2014**, 38, 184-198	10.3	198
253	Adaptive Fuzzy Backstepping Control for A Class of Nonlinear Systems With Sampled and Delayed Measurements. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 302-312	8.3	197
252	Observer-Based Piecewise Affine Output Feedback Controller Synthesis of Continuous-Time T□S Fuzzy Affine Dynamic Systems Using Quantized Measurements. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 1046-1062	8.3	194
251	Active Suspension Control With Frequency Band Constraints and Actuator Input Delay. *IEEE Transactions on Industrial Electronics*, **2012**, 59, 530-537	8.9	187
250	. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 1233-1245	8.3	185
249	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2012**, 59, 2354-2362	3.9	185
248	Fault Detection for Fuzzy Systems With Intermittent Measurements. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 398-410	8.3	182
247	A Review on Recent Development of Spacecraft Attitude Fault Tolerant Control System. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 3311-3320	8.9	181
246	An Overview of Dynamic-Linearization-Based Data-Driven Control and Applications. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4076-4090	8.9	180
245	Industrial Cyberphysical Systems: A Backbone of the Fourth Industrial Revolution. *IEEE Industrial Electronics Magazine*, **2017**, 11, 6-16	6.2	179

244	Asynchronous Output-Feedback Control of Networked Nonlinear Systems With Multiple Packet Dropouts: T S Fuzzy Affine Model-Based Approach. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 1014-1030	8.2	175
243	A Novel Scheme for Key Performance Indicator Prediction and Diagnosis With Application to an Industrial Hot Strip Mill. *IEEE Transactions on Industrial Informatics*, **2013**, 9, 2239-2247	11.9	171
242	Positive Observers and Dynamic Output-Feedback Controllers for Interval Positive Linear Systems. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2008**, 55, 3209-3222	3.9	170
241	New results on stabilization of Markovian jump systems with time delay. *Automatica*, **2009**, 45, 2300-2306	5.7	167
240	Model reduction for interval type-2 Takagi Sugeno fuzzy systems. *Automatica*, **2015**, 61, 308-314	5.7	166
239	Improved results on stability of continuous-time switched positive linear systems. *Automatica*, **2014**, 50, 614-621	5.7	166
238	Multi-objective control of vehicle active suspension systems via load-dependent controllers. *Journal of Sound and Vibration*, **2006**, 290, 654-675	3.9	164
237	A New Model Transformation of Discrete-Time Systems With Time-Varying Delay and Its Application to Stability Analysis. *IEEE Transactions on Automatic Control*, **2011**, 56, 2172-2178	5.9	160
236	Tracking Control of Robotic Manipulators With Uncertain Kinematics and Dynamics. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 6439-6449	8.9	158
235	Sliding Mode Observer-Based FTC for Markovian Jump Systems With Actuator and Sensor Faults. *IEEE Transactions on Automatic Control*, **2017**, 62, 3551-3558	5.9	153
234	. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 1480-1487	4.8	153
233	Data-Driven Monitoring and Safety Control of Industrial Cyber-Physical Systems: Basics and Beyond. *IEEE Access*, **2018**, 6, 47374-47384	3.5	151
232	New passivity analysis for neural networks with discrete and distributed delays. *IEEE Transactions on Neural Networks*, **2010**, 21, 1842-7		147
231	Stability analysis and stabilization for discrete-time fuzzy systems with time-varying delay. *IEEE Transactions on Systems, Man, and Cybernetics*, **2009**, 39, 306-17		142
230	Joint state and fault estimation for time-varying nonlinear systems with randomly occurring faults and sensor saturations. *Automatica*, **2018**, 97, 150-160	5.7	141
229	On H-infinity Estimation of Randomly Occurring Faults for A Class of Nonlinear Time-Varying Systems With Fading Channels. *IEEE Transactions on Automatic Control*, **2016**, 61, 479-484	5.9	137
228	Finite-horizon estimation of randomly occurring faults for a class of nonlinear time-varying systems. *Automatica*, **2014**, 50, 3182-3189	5.7	134
227	Finite-horizon reliable control with randomly occurring uncertainties and nonlinearities subject to output quantization. *Automatica*, **2015**, 52, 355-362	5.7	133

226	Nonsynchronized robust filtering design for continuous-time T□ fuzzy affine dynamic systems based on piecewise Lyapunov functions. *IEEE Transactions on Cybernetics*, **2013**, 43, 1755-66	10.2	131
225	Intelligent Particle Filter and Its Application to Fault Detection of Nonlinear System. *IEEE Transactions on Industrial Electronics*, **2015**, 1-1	8.9	127
224	Velocity-Free Fault-Tolerant and Uncertainty Attenuation Control for a Class of Nonlinear Systems. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 4400-4411	8.9	125
223	$H_{infty }$ Fuzzy Control of Nonlinear Systems Under Unreliable Communication Links. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 265-278	8.3	123
222	${H}_{infty }$ Filtering for Discrete-Time State-Delayed Systems With Finite Frequency Specifications. *IEEE Transactions on Automatic Control*, **2011**, 56, 2935-2941	5.9	121
221	Robust ${cal H}_{infty}$ Finite-Horizon Control for a Class of Stochastic Nonlinear Time-Varying Systems Subject to Sensor and Actuator Saturations. *IEEE Transactions on Automatic Control*, **2010**, 55, 1716-1722	5.9	120
220	Multi-objective control for uncertain nonlinear active suspension systems. *Mechatronics*, **2014**, 24, 318-327	3	118
219	Recursive Total Principle Component Regression Based Fault Detection and Its Application to Vehicular Cyber-Physical Systems. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 1415-1423	11.9	114
218	Recent Advances in Key-Performance-Indicator Oriented Prognosis and Diagnosis With a MATLAB Toolbox: DB-KIT. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2849-2858	11.9	112
217	Robust PLS approach for KPI-related prediction and diagnosis against outliers and missing data. *International Journal of Systems Science*, **2014**, 45, 1375-1382	2.3	111
216	DSets-DBSCAN: A Parameter-Free Clustering Algorithm. *IEEE Transactions on Image Processing*, **2016**, 25, 3182-3193	8.7	106
215	Pinning distributed synchronization of stochastic dynamical networks: a mixed optimization approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 1804-15	10.3	105
214	Networked Multirate Output Feedback Control for Setpoints Compensation and Its Application to Rougher Flotation Process. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 460-468	8.9	105
213	Performance-Based Adaptive Fuzzy Tracking Control for Networked Industrial Processes. *IEEE Transactions on Cybernetics*, **2016**, 46, 1760-70	10.2	102
212	Adaptive Indirect Fuzzy Sliding Mode Controller for Networked Control Systems Subject to Time-Varying Network-Induced Time Delay. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 205-214	8.3	100
211	Real-Time Monitoring and Control of Industrial Cyberphysical Systems: With Integrated Plant-Wide Monitoring and Control Framework. *IEEE Industrial Electronics Magazine*, **2019**, 13, 38-47	6.2	100
210	An Integrated Design Framework of Fault-Tolerant Wireless Networked Control Systems for Industrial Automatic Control Applications. *IEEE Transactions on Industrial Informatics*, **2013**, 9, 462-471	11.9	98
209	Finite-Time Stabilization for Vehicle Active Suspension Systems With Hard Constraints. *IEEE Transactions on Intelligent Transportation Systems*, **2015**, 16, 2663-2672	6.1	96

208	State Estimation in Nonlinear System Using Sequential Evolutionary Filter. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 3786-3794	8.9	96
207	Adaptive Neural Control of Stochastic Nonlinear Time-Delay Systems With Multiple Constraints. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1875-1883	7.3	93
206	An Adaptive NN-Based Approach for Fault-Tolerant Control of Nonlinear Time-Varying Delay Systems With Unmodeled Dynamics. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 1902-1913	10.3	93
205	Reconfigurable Tolerant Control of Uncertain Mechanical Systems With Actuator Faults: A Sliding Mode Observer-Based Approach. *IEEE Transactions on Control Systems Technology*, **2018**, 26, 1249-1258	4.8	93
204	Fault detection based on a robust one class support vector machine. *Neurocomputing*, **2014**, 145, 263-268	3.4	91
203	A Structure Simple Controller for Satellite Attitude Tracking Maneuver. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 1436-1446	8.9	91
202	Model simplification for switched hybrid systems. *Systems and Control Letters*, **2006**, 55, 1015-1021	2.4	91
201	Network-Based Fuzzy Control for Nonlinear Industrial Processes With Predictive Compensation Strategy. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2137-2147	7.3	88
200	A New Disturbance Attenuation Control Scheme for Quadrotor Unmanned Aerial Vehicles. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2922-2932	11.9	87
199	Data-Driven Adaptive Observer for Fault Diagnosis. *Mathematical Problems in Engineering*, **2012**, 2012, 1-21	1.1	87
198	$H_{infty }$ Filtering For Nonlinear Discrete-Time Systems Subject to Quantization and Packet Dropouts. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 353-365	8.3	86
197	Exponential Tracking Control of Robotic Manipulators With Uncertain Dynamics and Kinematics. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 689-698	11.9	86
196	Fault-Tolerant Control of Time-Delay Markov Jump Systems With $Ithat{o}$ Stochastic Process and Output Disturbance Based on Sliding Mode Observer. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 5299-5307	11.9	83
195	Fuzzy Adaptive Tracking Control of Constrained Nonlinear Switched Stochastic Pure-Feedback Systems. *IEEE Transactions on Cybernetics*, **2017**, 47, 579-588	10.2	81
194	An LWPR-Based Data-Driven Fault Detection Approach for Nonlinear Process Monitoring. *IEEE Transactions on Industrial Informatics*, **2014**, 10, 2016-2023	11.9	78
193	Mixed H2/Hinfinity output-feedback control of second-order neutral systems with time-varying state and input delays. *ISA Transactions*, **2008**, 47, 311-24	5.5	78
192	Fault Detection for Nonlinear Process With Deterministic Disturbances: A Just-In-Time Learning Based Data Driven Method. *IEEE Transactions on Cybernetics*, **2017**, 47, 3649-3657	10.2	77
191	. *IEEE Transactions on Automatic Control*, **2012**, 57, 3090-3103	5.9	76

190	Vibration control for active seat suspension systems via dynamic output feedback with limited frequency characteristic. *Mechatronics*, **2011**, 21, 250-260	3	75
189	Finite frequency control for building under earthquake excitation. *Mechatronics*, **2010**, 20, 128-142	3	74
188	. *Tsinghua Science and Technology*, **2010**, 15, 138-144	3.4	72
187	A Review on Soft Sensors for Monitoring, Control, and Optimization of Industrial Processes. *IEEE Sensors Journal*, **2021**, 21, 12868-12881	4	72
186	Adaptive Fault-Tolerant Control for Nonlinear System With Unknown Control Directions Based on Fuzzy Approximation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1909-1918	7.3	71
185	Probability-guaranteed finite-horizon filtering for a class of nonlinear time-varying systems with sensor saturations. *Systems and Control Letters*, **2012**, 61, 477-484	2.4	68
184	Robust $H_{infty }$ Self-Triggered Control of Networked Systems Under Packet Dropouts. *IEEE Transactions on Cybernetics*, **2016**, 46, 3294-3305	10.2	67
183	A Heuristic Approach to Static Output-Feedback Controller Synthesis With Restricted Frequency-Domain Specifications. *IEEE Transactions on Automatic Control*, **2014**, 59, 1008-1014	5.9	67
182	Asymptotic stability and stabilisation of uncertain delta operator systems with time-varying delays. *IET Control Theory and Applications*, **2013**, 7, 1071-1078	2.5	66
181	Efficient Recursive Principal Component Analysis Algorithms for Process Monitoring. *Industrial & Engineering Chemistry Research*, **2010**, 49, 252-259	3.9	64
180	Stabilization of Networked Control Systems via Dynamic Output-Feedback Controllers. *SIAM Journal on Control and Optimization*, **2010**, 48, 3643-3658	1.9	63
179	Tracking Control of Surface Ships With Disturbance and Uncertainties Rejection Capability. *IEEE/ASME Transactions on Mechatronics*, **2017**, 22, 1154-1162	5.5	61
178	Stability analysis and . *Systems and Control Letters*, **2014**, 66, 85-93	2.4	60
177	An Improved Incremental Learning Approach for KPI Prognosis of Dynamic Fuel Cell System. *IEEE Transactions on Cybernetics*, **2016**, 46, 3135-3144	10.2	59
176	Data-Driven Control and Process Monitoring for Industrial ApplicationsPart I. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 6356-6359	8.9	57
175	. *IEEE/ASME Transactions on Mechatronics*, **2018**, 23, 342-351	5.5	55
174	Optimized Design of Parity Relation-Based Residual Generator for Fault Detection: Data-Driven Approaches. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 1449-1458	11.9	55
173	A Nonlinear Process Monitoring Approach With Locally Weighted Learning of Available Data. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 1507-1516	8.9	54

172	Reduced-Order Sliding-Mode-Observer-Based Fault Estimation for Markov Jump Systems. *IEEE Transactions on Automatic Control*, **2019**, 64, 4733-4740	5.9	53
171	Adaptive partial-state feedback control for stochastic high-order nonlinear systems with stochastic input-to-state stable inverse dynamics. *Automatica*, **2015**, 51, 285-291	5.7	53
170	On design of quantized fault detection filters with randomly occurring nonlinearities and mixed time-delays. *Signal Processing*, **2012**, 92, 1117-1125	4.4	53
169	. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 1958-1967	11.9	52
168	A Combined Fault-Tolerant and Predictive Control for Network-Based Industrial Processes. *IEEE Transactions on Industrial Electronics*, **2016**, 1-1	8.9	50
167	Improved Results on Asymptotic Stabilization for Stochastic Nonlinear Time-Delay Systems With Application to a Chemical Reactor System. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 195-204	7.3	50
166	A nonlinear quality-related fault detection approach based on modified kernel partial least squares. *ISA Transactions*, **2017**, 66, 275-283	5.5	50
165	Data-Based Optimal Control for Networked Double-Layer Industrial Processes. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4179-4186	8.9	50
164	A multivariate statistical combination forecasting method for product quality evaluation. *Information Sciences*, **2016**, 355-356, 229-236	7.7	50
163	A Data-Driven Fuzzy Information Granulation Approach for Freight Volume Forecasting. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 1447-1456	8.9	49
162	Discrete bilinear stochastic systems with time-varying delay: Stability analysis and control synthesis. *Chaos, Solitons and Fractals*, **2007**, 34, 394-404	9.3	49
161	Passivity-preserving model reduction with finite frequency H approximation performance. *Automatica*, **2014**, 50, 2294-2303	5.7	48
160	Attitude Stabilization Control of Flexible Satellites With High Accuracy: An Estimator-Based Approach. *IEEE/ASME Transactions on Mechatronics*, **2017**, 22, 349-358	5.5	46
159	Observer-based FDI Schemes for Wind Turbine Benchmark. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 7073-7078		46
158	Descriptor Observers Design for Markov Jump Systems With Simultaneous Sensor and Actuator Faults. *IEEE Transactions on Automatic Control*, **2019**, 64, 3370-3377	5.9	46
157	Adaptive Fuzzy Fault-Tolerant Control for Markov Jump Systems With Additive and Multiplicative Actuator Faults. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 772-785	8.3	44
156	Diagnosis and Prognosis for Complicated Industrial Systems Part I. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 2501-2505	8.9	42
155	Robust Global Identification and Output Estimation for LPV Dual-Rate Systems Subjected to Random Output Time-Delays. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2876-2885	11.9	41

154	. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 1565-1574	11.9	39
153	Robust Identification of LPV Time-Delay System With Randomly Missing Measurements. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2198-2208	7.3	39
152	Study on modifications of PLS approach for process monitoring. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 12389-12394		39
151	Recursive identification algorithms to design fault detection systems. *Journal of Process Control*, **2010**, 20, 957-965	3.9	39
150	Data-Driven Control and Process Monitoring for Industrial Applications—Part II. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 583-586	8.9	37
149	A Data-Driven Learning Approach for Nonlinear Process Monitoring Based on Available Sensing Measurements. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 643-653	8.9	37
148	Nonlinear Robust Attitude Tracking Control of a Table-Mount Experimental Helicopter Using Output Feedback. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 5665-5676	8.9	34
147	Variational Bayesian Inference for FIR Models With Randomly Missing Measurements. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4217-4225	8.9	33
146	Tuning kernel parameters for SVM based on expected square distance ratio. *Information Sciences*, **2016**, 370-371, 92-102	7.7	33
145	Multiple model approach to linear parameter varying time-delay system identification with EM algorithm. *Journal of the Franklin Institute*, **2014**, 351, 5565-5581	4	33
144	Input-Delayed Control of Uncertain Seat Suspension Systems With Human-Body Model. *IEEE Transactions on Control Systems Technology*, **2010**, 18, 591-601	4.8	33
143	Using PPG Signals and Wearable Devices for Atrial Fibrillation Screening. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 8832-8842	8.9	33
142	Robust Model Predictive Control Under Saturations and Packet Dropouts With Application to Networked Flotation Processes. *IEEE Transactions on Automation Science and Engineering*, **2014**, 11, 1056-1064	4.9	32
141	Distributed H ∞ filtering for repeated scalar nonlinear systems with random packet losses in sensor networks. *International Journal of Systems Science*, **2011**, 42, 1507-1519	2.3	31
140	Coordination Task Triggered Formation Control Algorithm for Multiple Marine Vessels. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4984-4993	8.9	30
139	Study on Support Vector Machine-Based Fault Detection in Tennessee Eastman Process. *Abstract and Applied Analysis*, **2014**, 2014, 1-8	0.7	28
138	A Data-Driven Realization of the Control-Performance-Oriented Process Monitoring System. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 521-530	8.9	28
137	Data-driven fault diagnosis for an automobile suspension system by using a clustering based method. *Journal of the Franklin Institute*, **2014**, 351, 3231-3244	4	27

136	An Intelligent Actuator Fault Reconstruction Scheme for Robotic Manipulators. *IEEE Transactions on Cybernetics*, **2018**, 48, 639-647	10.2	26
135	Allocation of Actuators and Sensors for Coupled-Adjacent-Building Vibration Attenuation. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 5792-5801	8.9	26
134	Fault Detection for Discrete Systems With Network-Induced Nonlinearities. *IEEE Transactions on Industrial Informatics*, **2014**, 10, 2216-2223	11.9	26
133	Recent Advances on Recursive Filtering and Sliding Mode Design for Networked Nonlinear Stochastic Systems: A Survey. *Mathematical Problems in Engineering*, **2013**, 2013, 1-12	1.1	24
132	Performance Supervised Plant-Wide Process Monitoring in Industry 4.0: A Roadmap. *IEEE Open Journal of the Industrial Electronics Society*, **2021**, 2, 21-35	3.6	24
131	Robust Frequency-Domain Constrained Feedback Design via a Two-Stage Heuristic Approach. *IEEE Transactions on Cybernetics*, **2015**, 45, 2065-75	10.2	23
130	Data-Driven Design of Fog-Computing-Aided Process Monitoring System for Large-Scale Industrial Processes. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 4631-4641	11.9	23
129	A Survey on Distributed Filtering and Fault Detection for Sensor Networks. *Mathematical Problems in Engineering*, **2014**, 2014, 1-7	1.1	23
128	Further improved results on H□filtering for discrete time-delay systems. *Signal Processing*, **2013**, 93, 1845-1852	4.4	22
127	Actuator and Sensor Fault Estimation for Time-Delay Markov Jump Systems With Application to Wheeled Mobile Manipulators. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 3222-3232	11.9	22
126	A Robust Data-Driven Fault Detection Approach for Rolling Mills With Unknown Roll Eccentricity. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2641-2648	4.8	21
125	An Approach to Fault Detection for Multirate Sampled-Data Systems With Frequency Specifications. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1155-1165	7.3	20
124	Event-Triggered Adaptive Fuzzy Tracking Control for Pure-Feedback Stochastic Nonlinear Systems With Multiple Constraints. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1496-1506	8.3	20
123	Industrial applications of digital twins. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2021**, 379, 20200360	3	19
122	Quality-Related Fault Detection Approach Based on Orthogonal Signal Correction and Modified PLS. *IEEE Transactions on Industrial Informatics*, **2015**, 1-1	11.9	18
121	Diagnosis and Prognosis for Complicated Industrial Systems□Part II. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 3201-3204	8.9	18
120	SGD-Based Adaptive NN Control Design for Uncertain Nonlinear Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 5071-5083	10.3	17
119	A direct maximum likelihood optimization approach to identification of LPV time-delay systems. *Journal of the Franklin Institute*, **2016**, 353, 1862-1881	4	17

118	Neural Network-Based Adaptive Fault-Tolerant Control for Markovian Jump Systems With Nonlinearity and Actuator Faults. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3687-3698	7.3	17
117	Robust output-feedback attitude control of a three-degree-of-freedom helicopter via sliding-mode observation technique. *IET Control Theory and Applications*, **2015**, 9, 1637-1643	2.5	16
116	Reliable fuzzy output feedback control of nonlinear parabolic distributed parameter systems with sensor faults1. *Journal of Intelligent and Fuzzy Systems*, **2015**, 29, 1197-1208	1.6	16
115	Industrial Cyber-Physical Systems [Scanning the Issue]. *Proceedings of the IEEE*, **2016**, 104, 899-903	14.3	15
114	Fault Detection and Diagnosis in Process Data Using Support Vector Machines. *Journal of Applied Mathematics*, **2014**, 2014, 1-9	1.1	15
113	Notice of Retraction: Molecular Diagnostic and Using Deep Learning Techniques for Predict Functional Recovery of Patients Treated of Cardiovascular Disease. *IEEE Access*, **2019**, 7, 120315-120325	3.5	14
112	Neuro-adaptive command filter control of stochastic time-delayed nonstrict-feedback systems with unknown input saturation. *Journal of the Franklin Institute*, **2020**, 357, 7456-7482	4	14
111	Quality Evaluation Based on Multivariate Statistical Methods. *Mathematical Problems in Engineering* , **2013**, 2013, 1-10	1.1	14
110	Robust Identification of Nonlinear Systems With Missing Observations: The Case of State-Space Model Structure. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2763-2774	11.9	14
109	Efficient Nonlinear Fault Diagnosis Based on Kernel Sample Equivalent Replacement. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2682-2690	11.9	14
108	Generalized expectation-maximization approach to LPV process identification with randomly missing output data. *Chemometrics and Intelligent Laboratory Systems*, **2015**, 148, 1-8	3.8	13
107	A robust super-resolution method with improved high-frequency components estimation and aliasing correction capabilities. *Journal of the Franklin Institute*, **2014**, 351, 513-527	4	13
106	On PCA-based fault diagnosis techniques **2010**,		13
105	Prediction of remaining useful life based on bidirectional gated recurrent unit with temporal self-attention mechanism. *Reliability Engineering and System Safety*, **2022**, 221, 108297	6.3	13
104	Robust Multiobjective Controllability of Complex Neuronal Networks. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2016**, 13, 778-91	3	12
103	A Partial Least Squares Aided Intelligent Model Predictive Control Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2013-2021	7.3	12
102	Output Feedback Control of Multirate Sampled-Data Systems With Frequency Specifications. *IEEE Transactions on Control Systems Technology*, **2017**, 25, 1599-1608	4.8	12
101	A multi-frame super-resolution method based on the variable-exponent nonlinear diffusion regularizer. *Eurasip Journal on Image and Video Processing*, **2015**, 2015,	2.5	12

100	Data-Driven Design of Fault-Tolerant Control Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 1323-1328		12
99	Adaptive neural fault-tolerant control for a class of strict-feedback nonlinear systems with actuator and sensor faults. *Neurocomputing*, **2020**, 380, 87-94	5.4	12
98	Prediction of material removal rate in chemical mechanical polishing via residual convolutional neural network. *Control Engineering Practice*, **2021**, 107, 104673	3.9	12
97	A Locally Weighted Project Regression Approach-Aided Nonlinear Constrained Tracking Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 5870-5879	10.3	11
96	filtering for time-delay T S fuzzy systems with intermittent measurements and quantization. *Journal of the Franklin Institute*, **2014**, 351, 3734-3751	4	10
95	Recent results on key performance indicator oriented fault detection using the DB-KIT toolbox **2017**,		10
94	Robust estimation for discrete time-delay Markov jump systems with sensor non-linearity and missing measurements. *IET Control Theory and Applications*, **2014**, 8, 330-337	2.5	10
93	A data-driven fault detection approach for static processes with deterministic disturbances **2014**,		9
92	Cyber-physical system based factory monitoring and fault diagnosis framework with plant-wide performance optimization **2018**,		9
91	Approach to stabilisation of continuous-time switched positive systems. *IET Control Theory and Applications*, **2014**, 8, 1207-1214	2.5	8
90	Bayesian non-parametric gradient histogram estimation for texture-enhanced image deblurring. *Neurocomputing*, **2016**, 197, 95-112	5.4	8
89	Study on the flux-weakening capability of permanent magnet synchronous motor for electric vehicle. *Mechatronics*, **2016**, 38, 115-120	3	8
88	A novel fault prognostic approach based on particle filters and differential evolution. *Applied Intelligence*, **2018**, 48, 834-853	4.9	8
87	A modified partial robust M-regression to improve prediction performance for data with outliers **2013**,		7
86	Data-Driven Approach of KPI Monitoring and Prediction with Application to Wastewater Treatment Process. *IFAC-PapersOnLine*, **2015**, 48, 627-632	0.7	7
85	A neuro-wavelet based approach for diagnosing bearing defects. *Advanced Engineering Informatics*, **2020**, 46, 101172	7.4	7
84	Remaining useful life prediction for ion etching machine cooling system using deep recurrent neural network-based approaches. *Control Engineering Practice*, **2021**, 109, 104748	3.9	7
83	PCA and KPCA integrated Support Vector Machine for multi-fault classification **2016**,		7

82	. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 1571-1580	8.9	7
81	Dual-Loop Tube-based Robust Model Predictive Attitude Tracking Control for Spacecraft with System Constraints and Additive Disturbances. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	7
80	An adaptive remaining useful life prediction approach for single battery with unlabeled small sample data and parameter uncertainty. *Reliability Engineering and System Safety*, **2022**, 222, 108357	6.3	7
79	Study of Directional Declustering for Estimating Extreme Wave Heights in the Yellow Sea. *Journal of Marine Science and Engineering*, **2020**, 8, 236	2.4	6
78	Data-Driven Design of Observers and Its Applications. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 11441-11446		6
77	Data-driven quality related prediction and monitoring **2012**,		6
76	A Deep Learning Based Data-Driven Thruster Fault Diagnosis Approach for Satellite Attitude Control System. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 10162-10170	8.9	6
75	Lesion-attention pyramid network for diabetic retinopathy grading.. *Artificial Intelligence in Medicine*, **2022**, 126, 102259	7.4	6
74	Introduction of SVM algorithms and recent applications about fault diagnosis and other aspects **2015**,		5
73	Data-driven design of KPI-related fault-tolerant control system for wind turbines **2013**,		5
72	Subspace-Aided Closed-Loop System Identification With Application to DC Motor System. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2304-2313	8.9	5
71	Design Approach to MIMO Diagnostic Observer and its Application to Fault Detection **2018**,		5
70	Parity-based robust data-driven fault detection for nonlinear systems using just-in-time learning approach. *Transactions of the Institute of Measurement and Control*, **2020**, 42, 1690-1699	1.8	4
69	. *IEEE/ASME Transactions on Mechatronics*, **2018**, 23, 1-4	5.5	4
68	An aerial image segmentation approach based on enhanced multi-scale convolutional neural network **2019**,		4
67	Large-Angle Velocity-Free Attitude Tracking Control of Satellites: An Observer-Free Framework. *IEEE Transactions on Cybernetics*, **2021**, 51, 4722-4732	10.2	4
66	Control system for a drilling & coring device in lunar exploration **2013**,		4
65	An automatic and cost-effective parasitemia identification framework for low-end microscopy imaging devices **2014**,		4

64	Stabilization of uncertain discrete time-delayed systems via delta operator approach **2013**,		4
63	A recursive modified partial least square aided data-driven predictive control with application to continuous stirred tank heater. *Journal of Process Control*, **2020**, 89, 108-118	3.9	4
62	A Novel Control-Performance-Oriented Data-Driven Fault Classification Approach. *IEEE Systems Journal*, **2020**, 14, 1830-1839	4.3	4
61	A Novel Bias-Eliminated Subspace Identification Approach for Closed-Loop Systems. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 5197-5205	8.9	4
60	Sparse Actuator and Sensor Attacks Reconstruction for Linear Cyber-physical Systems with Sliding Mode Observer. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	4
59	Heart-Disease Diagnosis via Support Vector Machine-Based Approaches **2018**,		4
58	When medical images meet generative adversarial network: recent development and research opportunities. *Discover Artificial Intelligence*, **2021**, 1, 1		4
57	Integrated Learning Approach Based on Fused Segmentation Information for Skeletal Fluorosis Diagnosis and Severity Grading. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 7554-7563	11.9	4
56	A Data-driven Fault Prediction Integrated Design Scheme Based on Ensemble Learning for Thermal Boiler Process **2020**,		3
55	Quality-related Fault Detection Approaches Based on Data Preprocessing. *IFAC-PapersOnLine*, **2017** , 50, 15740-15747	0.7	3
54	Robust Estimation for Discrete Markov System with Time-Varying Delay and Missing Measurements. *Mathematical Problems in Engineering*, **2013**, 2013, 1-9	1.1	3
53	An approach for multimode dynamic process monitoring using Bayesian inference. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 1011-1016		3
52	Nonlinear System Identification With Robust Multiple Model Approach. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2728-2735	4.8	3
51	Neural minimal learning backstepping control of stochastic active suspension systems with hydraulic actuator saturation. *Journal of the Franklin Institute*, **2020**, 357, 13687-13706	4	3
50	An Improved Just-in-Time Learning Scheme for Online Fault Detection of Nonlinear Systems. *IEEE Systems Journal*, **2021**, 15, 2078-2086	4.3	3
49	Playing Against Deep Neural Network-Based Object Detectors: A Novel Bidirectional Adversarial Attack Approach. *IEEE Transactions on Artificial Intelligence*, **2021**, 1-1	4.7	3
48	IEEE Access Special Section Editorial: Data-Driven Monitoring, Fault Diagnosis and Control of Cyber-Physical Systems. *IEEE Access*, **2020**, 8, 54110-54114	3.5	2
47	Residual Generator-Based Controller Design via Process Measurements. *Mathematical Problems in Engineering*, **2014**, 2014, 1-8	1.1	2

46	Robust Coordinated Formation for Multiple Surface Vessels Based on Backstepping Sliding Mode Control. *Abstract and Applied Analysis*, **2013**, 2013, 1-10	0.7	2
45	Sliding Mode Control of Switched Stochastic Hybrid Systems. *Studies in Systems, Decision and Control*, **2015**, 217-237	0.8	2
44	Prescribed Performance Quantized Tracking Control for a Class of Delayed Switched Nonlinear Systems With Actuator Hysteresis Using a Filter-Connected Switched Hysteretic Quantizer. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	2
43	A novel nonlinear process monitoring approach: Locally weighted learning based total PLS **2016**,		2
42	Adaptive SMO-Based Fault Estimation for Markov Jump Systems With Simultaneous Additive and Multiplicative Actuator Faults. *IEEE Systems Journal*, **2021**, 15, 607-616	4.3	2
41	. *IEEE Systems Journal*, **2021**, 15, 2305-2313	4.3	2
40	A Data-Driven Fault Detection Approach for Dynamic Processes with Sinusoidal Disturbance **2018**,		2
39	A Data-Driven Fault Detection Approach for Periodic Rectangular Wave Disturbance **2018**,		2
38	A Novel Subspace-Aided Fault Detection Approach for the Drive Systems of Rolling Mills. *IEEE Transactions on Control Systems Technology*, **2021**, 1-8	4.8	2
37	An fast reconstruction approach for actuator fault in robot manipulators **2016**,		1
36	FTC for nonlinear Markovian jump systems with sliding mode observer method **2016**,		1
35	A Data-Driven Process Monitoring Approach for Dynamic Processes with Deterministic Disturbance **2018**,		1
34	Robust Static Output-Feedback Control for Uncertain Linear Discrete-Time Systems via the Generalized KYP Lemma. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 7430-7435		1
33	Support vector regression based approach for key index forecasting with applications **2015**,		1
32	A fault detection strategy based on intelligent particle filter for nonlinear systems **2015**,		1
31	A generalized profile optimization method for circular and variable radius pulleys in pneumatic manipulators **2014**,		1
30	Setpoints compensation for nonlinear industrial processes with disturbances based on fuzzy logic control **2014**,		1
29	Design of a TFT-LCD Based Digital Automobile Instrument. *Mathematical Problems in Engineering*, **2014**, 2014, 1-8	1.1	1

28	Improving the safety of distributed cyber-physical systems against false data injection attack by establishing interconnections **2020**,		1
27	A Novel Multivariate Statistical Analysis Aided Deep Learning Approach for Nonlinear System Process Monitoring with Comparison Studies **2020**,		1
26	An integrated data-driven scheme for the defense of typical cyber-physical attacks. *Reliability Engineering and System Safety*, **2022**, 220, 108257	6.3	1
25	Data-driven SOC Estimation with Adaptive Residual Generator for Li-ion Battery **2020**,		1
24	Guest Editorial Special Issue on Fault Diagnosis and Adaptive Fault-Tolerant Control for Automatic Control Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3330-3332	7.3	1
23	Finite-time sliding mode control for a 3-DOF fully actuated autonomous surface vehicle. *Transactions of the Institute of Measurement and Control*, **2021**, 43, 371-389	1.8	1
22	Toward Smart Systems: Their Sensing and Control in Industrial Electronics and Applications. *IEEE Industrial Electronics Magazine*, **2021**, 15, 104-114	6.2	1
21	A Data-Driven Process Monitoring Approach with Disturbance Decoupling* **2018**,		1
20	Process Monitoring System Design via the Closed-Loop Identified Data-Driven SKR. *IFAC-PapersOnLine*, **2018**, 51, 367-372	0.7	1
19	A Data-Driven Method for SKR Identification and Application to Stability Margin Estimation **2018**,		1
18	Distributed Adaptive-Neural Finite-Time Consensus Control for Stochastic Nonlinear Multiagent Systems Subject to Saturated Inputs.. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, PP,	10.3	1
17	Quo vadis artificial intelligence?. *Discover Artificial Intelligence*, **2022**, 2, 1		1
16	An Ensemble-based Fuzzy Rough Active Learning Approach for Broken Rotor Bar Detection in Nonstationary Environment. *IEEE Transactions on Instrumentation and Measurement*, **2022**, 1-1	5.2	1
15	Scalability of feedback control systems for plug-and-play control. *IFAC-PapersOnLine*, **2017**, 50, 7529-7534	0.7	0
14	Robust Just-in-time Learning Approach and Its Application on Fault Detection. *IFAC-PapersOnLine*, **2017**, 50, 15277-15282	0.7	0
13	Multivariate Methods Based Soft Measurement for Wine Quality Evaluation. *Abstract and Applied Analysis*, **2014**, 2014, 1-7	0.7	0
12	An Observer-Based Fault Detection Scheme for Distributed Parameter Systems of Hyperbolic Type and Its Application in Paper Production Process. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 1047-1052		0
11	Dominant Set Based Density Kernel and Clustering. *Lecture Notes in Computer Science*, **2017**, 87-94	0.9	0

10	Performance Degradation Monitoring and Recovery of Vision-Based Control Systems. *IEEE Transactions on Control Systems Technology*, **2021**, 1-8	4.8	0
9	Secure Data Transmission and Trustworthiness Judgement Approaches Against Cyber-Physical Attacks in an Integrated Data-Driven Framework. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-11	7.3	0
8	Sliding mode control for Markovian jumping systems with time delays **2019**, 295-313		
7	Metric Learning Method Aided Data-Driven Design of Fault Detection Systems. *Mathematical Problems in Engineering*, **2014**, 2014, 1-9	1.1	
6	Integrated Design of Fault Tolerant Networked Control Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 886-891		
5	Data-driven Key Performance Indicator Fault Detection Approach Based on Sparse Direct Orthogonalization. *IFAC-PapersOnLine*, **2020**, 53, 11620-11625	0.7	
4	An SW-ELM Based Remaining Useful Life Prognostic Approach for Aircraft Engines. *IFAC-PapersOnLine*, **2020**, 53, 13601-13606	0.7	
3	Key Performance Indicators Relevant Fault Diagnosis and Process Control Approaches for Industrial Applications. *Journal of Control Science and Engineering*, **2018**, 2018, 1-2	1.2	
2	An Intelligent Retinal Fundus Image Label Sharing Method by Domain Transformation Technique. *Lecture Notes in Networks and Systems*, **2022**, 233-241	0.5	
1	Feature Selection and Feature Extraction-Aided Classification Approaches for Disease Diagnosis. *Lecture Notes in Networks and Systems*, **2022**, 216-224	0.5	