## Performance Monitoring for Vehicle Suspension System Clustering Based on Accelerometer Measurements

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Citation Report

#	Article	IF	CITATIONS
1	Fault diagnosis based on intelligent particle filter. , 2015, , .		0
2	A data-based KPI prediction approach for wastewater treatment processes. , 2015, , .		1
3	Controller Design of Complex System Based on Nonlinear Strength. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	0
4	Dynamic Navigation Method with Multisubstations Based on Doppler Shift. Discrete Dynamics in Nature and Society, 2015, 2015, 1-5.	0.9	O
5	Impulsive Controllability/Observability for Interconnected Descriptor Systems with Two Subsystems. Mathematical Problems in Engineering, 2015, 2015, 1-14.	1.1	1
6	Global Stabilization of Nonlinear Networked Control System with System Delays and Packet Dropouts via Dynamic Output Feedback Controller. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	2
7	Building cognizance rule knowledge for fault diagnosis based on fuzzy rough sets1. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2327-2333.	1.4	6
8	Output tracking control for fuzzy delta operator systems with time-varying delays. Journal of the Franklin Institute, 2015, 352, 2951-2970.	3.4	27
9	Data-Based Statistical Models of Data Networks. , 2015, , .		0
10	Calculation of grasping force to adapt mass variation of object considering human motion. , 2015, , .		O
11	A just-in-time learning approach for sewage treatment process monitoring with deterministic disturbances. , $2015,  ,  .$		4
12	H control of stochastic switched nonlinear systems with average dwell time. , 2015, , .		O
13	Study on kernel partial least squares based key indicator prediction., 2015,,.		1
14	Multi-objective Bacterial Foraging Optimization Algorithm Based on Parallel Cell Entropy for Aluminum Electrolysis Production Process. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	7.9	20
15	An Advanced PLS Approach for Key Performance Indicator Related Prediction and Diagnosis in Case of Outliers. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	7.9	70
16	A fault detection strategy based on intelligent particle filter for nonlinear systems. , 2015, , .		2
17	Step-wise support vector machines for classification of overlapping samples. Neurocomputing, 2015, 155, 159-166.	5.9	23
18	Interval type-2 fuzzy control for nonlinear discrete-time systems with time-varying delays. Neurocomputing, 2015, 157, 22-32.	5.9	42

#	ARTICLE	IF	CITATIONS
19	Finite-time stability of Markovian jump neural networks with partly unknown transition probabilities. Neurocomputing, 2015, 159, 282-287.	5.9	25
20	On fault-tolerant control configurations for a class of nonlinear systems. Journal of the Franklin Institute, 2015, 352, 1397-1416.	3.4	21
21	Development of the regional freight transportation demand prediction models based on the regression analysis methods. Neurocomputing, 2015, 158, 42-47.	5.9	32
22	Prediction models based on multivariate statistical methods and their applications for predicting railway freight volume. Neurocomputing, 2015, 158, 210-215.	5.9	8
23	Exponential Outer Synchronization between Two Uncertain Time-Varying Complex Networks with Nonlinear Coupling. Entropy, 2015, 17, 3097-3109.	2.2	19
24	Bipartite coordination problems on networks of multiple mobile agents. Journal of the Franklin Institute, 2015, 352, 4698-4720.	3.4	8
25	Kernel PLS based prediction model construction and simulation on theoretical cases. Neurocomputing, 2015, 165, 389-394.	5.9	30
26	A station-keeping control method for GEO spacecraft based on autonomous control architecture. Aerospace Science and Technology, 2015, 45, 462-475.	4.8	7
27	Reliability Analysis Models for Differential Protection Considering Communication Delays and Errors. Energies, 2015, 8, 2454-2472.	3.1	5
28	Modeling and <mml:math altimg="si0001.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž<td>ml:mo&gt;<!--</td--><td>mml:mrow&gt; &lt;</td></td></mml:mo></mml:mrow></mml:msub></mml:math>	ml:mo> </td <td>mml:mrow&gt; &lt;</td>	mml:mrow> <
29	Industrial-QoS-Oriented Remote Wireless Communication Protocol for the Internet of Construction Vehicles. IEEE Transactions on Industrial Electronics, 2015, 62, 7103-7113.	7.9	20
30	SVM and PCA based fault classification approaches for complicated industrial process. Neurocomputing, 2015, 167, 636-642.	5.9	136
31	Cooperative robust output regulation for heterogeneous second-order discrete-time multi-agent systems. Neurocomputing, 2015, 162, 41-47.	5.9	19
32	Robust fast adaptive fault estimation for systems with time-varying interval delay. Journal of the Franklin Institute, 2015, 352, 5486-5513.	3.4	31
33	Robust fault detection for uncertain discrete-time systems subject to signal-to-noise ratio constrained channels. Journal of the Franklin Institute, 2015, 352, 3971-3987.	3.4	3
34	Multimodal deep support vector classification with homologous features and its application to gearbox fault diagnosis. Neurocomputing, 2015, 168, 119-127.	5.9	245
35	Pole placement with LMI constraint of fuzzy descriptor system. Journal of the Franklin Institute, 2015, 352, 2665-2678.	3.4	6
36	On-line Deflection Estimation of X-axis Beam on Positioning Machine. IEEE/ASME Transactions on Mechatronics, 2015, , 1-1.	5.8	7

#	Article	IF	Citations
37	Asynchronous fault detection for continuous-time switched delay systems. Journal of the Franklin Institute, 2015, 352, 5915-5935.	3.4	19
38	Direct adaptive neural control of nonlinear strictâ€feedback systems with unmodeled dynamics using smallâ€gain approach. International Journal of Adaptive Control and Signal Processing, 2016, 30, 906-927.	4.1	18
39	A novel strategy for fault diagnosis of analog circuit online based modified kernel fuzzy C-means. , 2016, , .		3
40	Observer-based control for robotic manipulations with uncertain kinematics and dynamics., 2016,,.		O
41	Optimal guaranteed cost synchronization of coupled neural networks with Markovian jump and mode-dependent mixed time-delay. Optimal Control Applications and Methods, 2016, 37, 922-947.	2.1	10
42	Multi-valued responses and dynamic stability of a nonlinear vibro-impact system with a unilateral non-zero offset barrier. Chinese Physics B, 2016, 25, 030502.	1.4	0
43	Fault Detection and process monitoring of industrial process based on spherical kernel T-PLS. , 2016, , .		1
44	A KPI prediction approach with JITL for vehicular Cyber Physical System. , 2016, , .		0
45	A using of just-in-time learning based data driven method in continuous stirred tank heater. , 2016, , .		0
46	An intelligent particle filter for state estimation and fault detection. , 2016, , .		1
47	Robust control of a linear actuator with nonlinear dynamic friction and unknown width input dead-zone. , $2016,  ,  .$		1
48	Optimization of control parameters based on multi-objective genetic algorithms for spacecraft attitude tracking control. , $2016,  ,  .$		1
49	Study on support vector machine based quality prediction of complex mechatronic systems., 2016,,.		1
50	Identification of linear parameter varying system with dual-rate sampled data and uncertain measurement delay. , 2016, , .		1
51	A data-driven KPI prediction method for vehicular cyber physical system. , 2016, , .		0
52	PCA and PLS monitoring approaches for fault detection of wastewater treatment process. , 2016, , .		6
53	A novel SVM-RFE based biomedical data processing approach: Basic and beyond., 2016,,.		4
54	A data driven fault detection scheme design for nonlinear industrial systems. , 2016, , .		O

#	Article	IF	CITATIONS
55	A data driven dynamic health monitoring method for Electronic System. , 2016, , .		O
56	Quality evaluation based on multivariate statistical forecasting methods. , 2016, , .		0
57	A unified associative memory model based on external inputs of continuous recurrent neural networks. Neurocomputing, 2016, 186, 44-53.	5.9	19
58	Sequential multilayer fusion based assessment model for spacecraft launch success ratio. Aerospace Science and Technology, 2016, 48, 223-233.	4.8	6
59	Passivity based fault tolerant quantized control for coordination. Journal of the Franklin Institute, 2016, 353, 2690-2707.	3.4	2
60	Tracking Control of Robotic Manipulators With Uncertain Kinematics and Dynamics. IEEE Transactions on Industrial Electronics, 2016, 63, 6439-6449.	7.9	216
61	LLE for submersible plunger pump fault diagnosis via joint wavelet and SVD approach. Neurocomputing, 2016, 185, 202-211.	5.9	30
62	Attitude regulation for unmanned quadrotors using adaptive fuzzy gain-scheduling sliding mode control. Aerospace Science and Technology, 2016, 54, 208-217.	4.8	165
63	Adaptive Sliding Mode Control for Interval Type-2 Fuzzy Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1654-1663.	9.3	267
64	Study on the flux-weakening capability of permanent magnet synchronous motor for electric vehicle. Mechatronics, 2016, 38, 115-120.	3.3	11
65	Differential feature based hierarchical PCA fault detection method for dynamic fault. Neurocomputing, 2016, 202, 27-35.	5.9	45
66	<inline-formula> <tex-math notation="LaTeX">\$H_{infty }\$</tex-math> </inline-formula> Fault Detection for Networked Mechanical Spring-Mass Systems With Incomplete Information. IEEE Transactions on Industrial Electronics, 2016, 63, 5622-5631.	7.9	160
67	A new approach to event-triggered static output feedback control of networked control systems. ISA Transactions, 2016, 65, 468-474.	5.7	54
68	Data-driven fault detection for networked control system based on implicit model approach., 2016,,.		4
69	An investigation of rolling bearing early diagnosis based on high-frequency characteristics and self-adaptive wavelet de-noising. Neurocomputing, 2016, 216, 649-656.	5.9	35
70	A robust filtering algorithm for integrated navigation system of aerospace vehicle in launch inertial coordinate. Aerospace Science and Technology, 2016, 58, 629-640.	4.8	22
71	Mixed H $_2$ / H $_3^2$ control of markovian jump time-delay systems with uncertain transition probabilities. Information Sciences, 2016, 373, 539-556.	6.9	19
72	Adaptive interacting particle system algorithm for aircraft conflict probability estimation. Aerospace Science and Technology, 2016, 55, 431-438.	4.8	11

#	Article	IF	CITATIONS
73	Data-driven approach of FS-SKPLS monitoring with application to was tewater treatment process. , 2016, , .		1
74	Study on recent developments of residual generation design approach based on available process measurements., 2016,,.		4
75	Three-axis stabilized satellite back-stepping adaptive control. , 2016, , .		2
76	Dataâ€driven optimal control of operational indices for a class of industrial processes. IET Control Theory and Applications, 2016, 10, 1348-1356.	2.1	17
77	Free chattering hybrid sliding mode control for a class of nonâ€linear systems: electric vehicles as a case study. IET Science, Measurement and Technology, 2016, 10, 776-785.	1.6	65
78	FTC for nonlinear Markovian jump systems with sliding mode observer method., 2016,,.		1
79	Study on KPI-related subspace decomposition for fault detection and robust KPI prediction against abnormal data. , $2016,  ,  .$		1
80	A PLS based locally weighted project regression approach for fault diagnose of nonlinear process. , 2016, , .		O
81	Nonlinear Process Monitoring Using Regression and Reconstruction Method. IEEE Transactions on Automation Science and Engineering, 2016, 13, 1343-1354.	<b>5.</b> 2	37
82	Chaos theory perspective for industry clusters development. Modern Physics Letters B, 2016, 30, 1650112.	1.9	3
83	Impulsive Noise Cancellation Method for Copper Ore Crusher Vibration Signals Enhancement. IEEE Transactions on Industrial Electronics, 2016, 63, 5612-5621.	7.9	53
84	Motion Blur Detection With an Indicator Function for Surveillance Machines. IEEE Transactions on Industrial Electronics, 2016, 63, 5592-5601.	7.9	25
85	Improving the performance of SVM-RFE on classification of pancreatic cancer data., 2016,,.		11
86	Adaptive neural network-based satellite attitude control in the presence of CMG uncertainty. Aerospace Science and Technology, 2016, 54, 218-228.	4.8	45
87	Bayesian Fault Diagnosis With Asynchronous Measurements and Its Application in Networked Distributed Monitoring. IEEE Transactions on Industrial Electronics, 2016, 63, 6316-6324.	7.9	45
88	Performance assessment of thermal power plant load control system based on covariance index. Control Engineering Practice, 2016, 54, 58-69.	<b>5.</b> 5	16
89	Application of artificial neural network in the diagnostic system of osteoporosis. Neurocomputing, 2016, 214, 376-381.	5.9	47
90	Incremental supervised locally linear embedding for machinery fault diagnosis. Engineering Applications of Artificial Intelligence, 2016, 50, 60-70.	8.1	19

#	Article	IF	CITATIONS
91	PD Source Diagnosis and Localization in Industrial High-Voltage Insulation System via Multimodal Joint Sparse Representation. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	7.9	53
92	A Combined Fault Tolerant and Predictive Control for Network-Based Industrial Processes. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	7.9	75
93	An empirical convolutional neural network approach for semantic relation classification. Neurocomputing, 2016, 190, 1-9.	5.9	77
94	A novel extreme learning fault diagnosis based supervision applied to mathematical formula contrastive analysis. Neurocomputing, 2016, 177, 266-273.	5.9	1
95	Locomotive wheel slip detection based on multi-rate state identification of motor load torque. Journal of the Franklin Institute, 2016, 353, 521-540.	3.4	15
96	An Improved Incremental Learning Approach for KPI Prognosis of Dynamic Fuel Cell System. IEEE Transactions on Cybernetics, 2016, 46, 3135-3144.	9.5	75
97	A novel negative sampling based on TFIDF for learning word representation. Neurocomputing, 2016, 177, 257-265.	5.9	25
98	Trajectory optimization of spacecraft high-thrust orbit transfer using a modified evolutionary algorithm. Engineering Optimization, 2016, 48, 1639-1657.	2.6	10
99	Adaptive finite-time tracking control for a class of switched nonlinear systems with unmodeled dynamics. Neurocomputing, 2016, 196, 42-52.	5.9	22
100	Velocity-Free Fault-Tolerant and Uncertainty Attenuation Control for a Class of Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 4400-4411.	7.9	143
101	Adjustable Parameter-Based Distributed Fault Estimation Observer Design for Multiagent Systems With Directed Graphs. IEEE Transactions on Cybernetics, 2016, 47, 1-9.	9.5	103
102	Convergence Analysis of the Hierarchical Least Squares Algorithm for Bilinear-in-Parameter Systems. Circuits, Systems, and Signal Processing, 2016, 35, 4307-4330.	2.0	17
103	Fed-batch fermentation penicillin process fault diagnosis and detection based on support vector machine. Neurocomputing, 2016, 190, 117-123.	5.9	42
104	Fault Isolation Based On k-Nearest Neighbor Rule For Industrial Processes. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	7.9	49
105	A MPRM-based approach for fault diagnosis against outliers. Neurocomputing, 2016, 190, 147-154.	5.9	4
106	Novel Rotor Ground-Fault Detection Algorithm for Synchronous Machines With Static Excitation Based on Third-Harmonic Voltage-Phasor Comparison. IEEE Transactions on Industrial Electronics, 2016, 63, 2548-2558.	7.9	22
107	A Review on Recent Development of Spacecraft Attitude Fault Tolerant Control System. IEEE Transactions on Industrial Electronics, 2016, 63, 3311-3320.	7.9	301
108	Weighted Data-Driven Fault Detection and Isolation: A Subspace-Based Approach and Algorithms. IEEE Transactions on Industrial Electronics, 2016, 63, 3290-3298.	7.9	28

#	Article	IF	CITATIONS
109	Optimization of control parameters based on genetic algorithms for spacecraft attitude tracking with input constraints. Neurocomputing, 2016, 177, 334-341.	5.9	18
110	A Hybrid Feature Selection Scheme for Reducing Diagnostic Performance Deterioration Caused by Outliers in Data-Driven Diagnostics. IEEE Transactions on Industrial Electronics, 2016, 63, 3299-3310.	7.9	102
111	Robust <inline-formula> <tex-math notation="LaTeX">\$H_{infty}\$</tex-math> </inline-formula> Path Following Control for Autonomous Ground Vehicles With Delay and Data Dropout. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2042-2050.	8.0	175
112	Dataâ€driven control based on simultaneous perturbation stochastic approximation with adaptive weighted gradient estimation. IET Control Theory and Applications, 2016, 10, 201-209.	2.1	15
113	Value Iteration Adaptive Dynamic Programming for Optimal Control of Discrete-Time Nonlinear Systems. IEEE Transactions on Cybernetics, 2016, 46, 840-853.	9.5	339
114	Improvement of Vibration Isolation Performance of Isolation System Using Negative Stiffness Structure. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1561-1571.	5.8	28
115	Exponential discriminant analysis for fault diagnosis. Neurocomputing, 2016, 171, 1344-1353.	5.9	43
116	Energy-efficient <mml:math altimg="si0001.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:msub> <mml:mrow> <mml:mi>H</mml:mi></mml:mrow> <mml:mrow> <mml:mcow> <mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mcow></mml:mrow></mml:msub></mml:math>	ml;mo> </td <td>mml:mrow&gt;</td>	mml:mrow>
117	Adaptive Fuzzy Control of Strict-Feedback Nonlinear Time-Delay Systems With Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2016, 46, 1926-1938.	9.5	308
118	Performance-Driven Distributed PCA Process Monitoring Based on Fault-Relevant Variable Selection and Bayesian Inference. IEEE Transactions on Industrial Electronics, 2016, 63, 377-386.	7.9	292
119	Robust <mml:math altimg="si0007.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^ž<td>ml;mo&gt;<!--</td--><td>mml:mrow&gt; &lt;</td></td></mml:mo></mml:mrow></mml:msub></mml:math>	ml;mo> </td <td>mml:mrow&gt; &lt;</td>	mml:mrow> <
120	Design of fuzzy output feedback stabilization for uncertain fractional-order systems. Neurocomputing, 2016, 173, 1683-1693.	5.9	31
121	Recent advances on SVM based fault diagnosis and process monitoring in complicated industrial processes. Neurocomputing, 2016, 174, 643-650.	5.9	251
122	Stability analysis for switched positive T–S fuzzy systems. Neurocomputing, 2016, 173, 2009-2013.	5.9	27
123	Distributed Consensus of Stochastic Delayed Multi-agent Systems Under Asynchronous Switching. IEEE Transactions on Cybernetics, 2016, 46, 1817-1827.	9.5	107
124	A novel online performance evaluation strategy to analog circuit. Neurocomputing, 2016, 171, 394-399.	5.9	2
125	Tracking control for polynomial fuzzy networked systems with repeated scalar nonlinearities. Neurocomputing, 2016, 171, 185-193.	5.9	18
126	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.	9.3	98

#	Article	IF	CITATIONS
127	State estimation for Markovian jump systems with an event-triggered communication scheme. Circuits, Systems, and Signal Processing, 2017, 36, 2-24.	2.0	16
128	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.	9.5	118
129	Fault tolerant control using adaptive output integral-type sliding mode. Journal of the Franklin Institute, 2017, 354, 2648-2662.	3.4	15
130	A Parameter-Independent Clustering Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 1825-1832.	11.3	14
131	A dynamical controller with fault-tolerance: Real-time experiments. Journal of the Franklin Institute, 2017, 354, 3378-3404.	3.4	3
132	Fault detection and fault-tolerant control of actuators and sensors in distributed parameter systems. Journal of the Franklin Institute, 2017, 354, 3341-3363.	3.4	18
133	Finite-time fault-tolerant coordination control for multiple Euler–Lagrange systems in obstacle environments. Journal of the Franklin Institute, 2017, 354, 3405-3429.	3.4	24
134	Robust simultaneous fault detection and control for a class of nonlinear stochastic switched delay systems under asynchronous switching. Journal of the Franklin Institute, 2017, 354, 4801-4825.	3.4	12
135	An immune-inspired political boycotts action prediction paradigm. Cluster Computing, 2017, 20, 1379-1386.	5.0	3
136	Parameter independent clustering based on dominant sets and cluster merging. Information Sciences, 2017, 405, 1-17.	6.9	10
137	Target threat level assessment based on cloud model under fuzzy and uncertain conditions in air combat simulation. Aerospace Science and Technology, 2017, 67, 49-53.	4.8	46
138	Containment control of continuous-time multi-agent systems with general linear dynamics under time-varying communication topologies. International Journal of Control, Automation and Systems, 2017, 15, 442-449.	2.7	17
139	Codesign of Event-Triggered and Distributed \$H_{infty}\$ Filtering for Active Semi-Vehicle Suspension Systems. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1047-1058.	5.8	162
140	On Finite frequency <i>H</i> <sub>â^ž</sub> performance for discrete linear time delay systems. International Journal of Systems Science, 2017, 48, 1548-1555.	5.5	4
141	Adaptive fault detection and diagnosis using parsimonious Gaussian mixture models trained with distributed computing techniques. Journal of the Franklin Institute, 2017, 354, 2543-2572.	3.4	11
142	Independent component analysis based on dataâ€driven reconstruction of multiâ€fault diagnosis. Journal of Chemometrics, 2017, 31, e2932.	1.3	11
143	Design methodology of a reduced-scale test bench for fault detection and diagnosis. Mechatronics, 2017, 47, 14-23.	3.3	13
144	Fault diagnosis of outputâ€related processes with multiâ€block MOPLS. Journal of Chemometrics, 2017, 31, e2917.	1.3	6

#	Article	IF	CITATIONS
145	Nonlinear adaptive fractional order fuzzy PID control of a 2-link planar rigid manipulator with payload. Journal of the Franklin Institute, 2017, 354, 993-1022.	3.4	62
146	Active fault-tolerant control of dissimilar redundant actuation system based on performance degradation reference models. Journal of the Franklin Institute, 2017, 354, 1087-1108.	3.4	22
147	A Delayâ€Dependent Approach to Robust Fast Adaptive Fault Estimation Design for Uncertain Neutral Systems with Timeâ€Varying Interval Delay. Asian Journal of Control, 2017, 19, 543-553.	3.0	3
148	Stochastic degradation process modeling and remaining useful life estimation with flexible random-effects. Journal of the Franklin Institute, 2017, 354, 2477-2499.	3.4	22
149	Jump linear quadratic Gaussian problem for a class of nonhomogeneous Markov jump linear systems. Optimal Control Applications and Methods, 2017, 38, 668-680.	2.1	5
150	PLC-Based Real-Time Realization of Flatness-Based Feedforward Control for Industrial Compression Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 1323-1331.	7.9	18
151	An intelligent computing technique to analyze the vibrational dynamics of rotating electrical machine. Neurocomputing, 2017, 219, 280-299.	5.9	55
152	Output Feedback Active Suspension Control With Higher Order Terminal Sliding Mode. IEEE Transactions on Industrial Electronics, 2017, 64, 1392-1403.	7.9	180
153	Improved one-cycle control algorithm for diagnosis and optimization in low-voltage SVG device. Journal of the Franklin Institute, 2017, 354, 2663-2675.	3.4	1
154	Fault isolation based on residual evaluation and contribution analysis. Journal of the Franklin Institute, 2017, 354, 2591-2612.	3.4	29
155	Robust finite-time tracking control for nonlinear suspension systems via disturbance compensation. Mechanical Systems and Signal Processing, 2017, 88, 49-61.	8.0	71
156	Reliable mixed <mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mrow><mml:mo>â^ž</mml:mo></mml:mrow></mml:mrow></mml:msub><td>&gt;<b>2.//</b>mml:rr</td><td>na<b>th5</b>/passiv</td></mml:math>	> <b>2.//</b> mml:rr	na <b>th5</b> /passiv
157	Systems, 2017, 314, 79-90.  Robust finite-time fault estimation for stochastic nonlinear systems with Brownian motions. Journal of the Franklin Institute, 2017, 354, 2500-2523.	3.4	37
158	Lithium Iron Phosphate Battery Electric Vehicle State-of-Charge Estimation Based on Evolutionary Gaussian Mixture Regression. IEEE Transactions on Industrial Electronics, 2017, 64, 544-551.	7.9	37
159	A Data-Driven Clustering Approach for Fault Diagnosis. IEEE Access, 2017, 5, 26512-26520.	4.2	8
160	Data-Driven Diagnosis of Cervical Cancer With Support Vector Machine-Based Approaches. IEEE Access, 2017, 5, 25189-25195.	4.2	108
161	Fault-tolerant load frequency control in multi-area power systems. , 2017, , .		0
163	Realization and Demonstration of Enhanced Korean High-speed Train Navigation System with Noise Filtering Schemes. International Journal of Control, Automation and Systems, 2018, 16, 769-781.	2.7	O

#	Article	IF	CITATIONS
164	A three-way clustering approach for handling missing data using GTRS. International Journal of Approximate Reasoning, 2018, 98, 11-24.	3.3	99
165	Echo State Networks Based Data-Driven Adaptive Fault Tolerant Control With Its Application to Electromechanical System. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1372-1382.	5.8	37
166	Novel Particle Swarm Optimization-Based Variational Mode Decomposition Method for the Fault Diagnosis of Complex Rotating Machinery. IEEE/ASME Transactions on Mechatronics, 2018, 23, 68-79.	5.8	202
167	Analysis and Design of a Bioinspired Vibration Sensor System in Noisy Environment. IEEE/ASME Transactions on Mechatronics, 2018, 23, 845-855.	5.8	39
168	Inerter-based semi-active suspensions with low-order mechanical admittance via network synthesis. Transactions of the Institute of Measurement and Control, 2018, 40, 4233-4245.	1.7	22
169	A Secure Clustering Technique for Unstructured and Uncertain Big Data. Advances in Intelligent Systems and Computing, 2018, , 459-466.	0.6	1
170	Robust optimal <i>H<sub>i</sub></i> /i>/ <i>H</i> <sub>â^ž</sub> fault detection and its applications in a TGSCM control system. Transactions of the Institute of Measurement and Control, 2018, 40, 719-732.	1.7	3
171	A Plug-and-Play Monitoring and Control Architecture for Disturbance Compensation in Rolling Mills. IEEE/ASME Transactions on Mechatronics, 2018, 23, 200-210.	5.8	69
172	Sensor Reduction for Driver-Automation Shared Steering Control via an Adaptive Authority Allocation Strategy. IEEE/ASME Transactions on Mechatronics, 2018, 23, 5-16.	5.8	95
173	Using Tree-Based Approaches to Analyze Dependability and Security on I&C Systems in Safety-Critical Systems. IEEE Systems Journal, 2018, 12, 1118-1128.	4.6	7
174	Real-Time Remaining Useful Life Prediction for a Nonlinear Degrading System in Service: Application to Bearing Data. IEEE/ASME Transactions on Mechatronics, 2018, 23, 211-222.	5.8	56
175	Event-Based Fault Detection Filtering for Complex Networked Jump Systems. IEEE/ASME Transactions on Mechatronics, 2018, 23, 497-505.	5.8	99
176	Fault-Tolerant Control of Multiarea Power Systems via a Sliding-Mode Observer Technique. IEEE/ASME Transactions on Mechatronics, 2018, 23, 38-47.	5.8	49
177	Proposal of a fuzzy-based PMU for detection and classification of disturbances in power distribution networks. International Journal of Electrical Power and Energy Systems, 2018, 94, 27-40.	5.5	25
178	Design and Implementation of an Online Precise Monitoring and Performance Analysis System for Centrifugal Pumps. IEEE Transactions on Industrial Electronics, 2018, 65, 1636-1644.	7.9	6
179	Fault Diagnosis for Rotating Machinery Using Multiple Sensors and Convolutional Neural Networks. IEEE/ASME Transactions on Mechatronics, 2018, 23, 101-110.	5.8	488
180	Wind Turbine Fault Detection Using a Denoising Autoencoder With Temporal Information. IEEE/ASME Transactions on Mechatronics, 2018, 23, 89-100.	5.8	181
181	Observer-Based Fault Estimation Techniques. Studies in Systems, Decision and Control, 2018, , .	1.0	35

#	Article	IF	CITATIONS
182	Research on Methods and Techniques for IoT Big Data Cluster Analysis., 2018,,.		7
183	Fuzzy adaptive tracking control for nonlinear suspension systems based on a bio-inspired reference model. , 2018, , .		1
184	Heart-Disease Diagnosis via Support Vector Machine-Based Approaches. , 2018, , .		11
185	Belief Functions: Theory and Applications. Lecture Notes in Computer Science, 2018, , .	1.3	2
186	Distributed Cooperative Fault Detection for Multiagent Systems: A Mixed \$H_{infty}/H_2\$ Optimization Approach. IEEE Transactions on Industrial Electronics, 2018, 65, 6468-6477.	7.9	53
187	Design optimization of minivan MacPherson-strut suspension system based on weighting combination method and neighborhood cultivation genetic algorithm. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 650-660.	1.9	12
188	Adaptive nonlinear active suspension control based on a robust road classifier with a modified super-twisting algorithm. Nonlinear Dynamics, 2019, 97, 2425-2442.	5.2	29
189	Mini-models based on soft clustering methods. Procedia Computer Science, 2019, 159, 2512-2521.	2.0	1
190	Real-Time Implementation of a Multidomain Feature Fusion Model Using Inherently Available Large Sensor Data. IEEE Transactions on Industrial Informatics, 2019, 15, 6231-6239.	11.3	12
191	Interval prediction method based on Long-Short Term Memory networks for system integrated of hydro, wind and solar power. Energy Procedia, 2019, 158, 6176-6182.	1.8	15
192	PID Trajectory Tracking Control of Autonomous Ground Vehicle Based on Genetic Algorithm. , 2019, , .		12
193	Driving Risk Classification Methodology for Intelligent Drive in Real Traffic Event. International Journal of Pattern Recognition and Artificial Intelligence, 2019, 33, 1950014.	1.2	4
194	Data-Driven Output-Feedback Fault-Tolerant Tracking Control Method and Its Application to a DC Servo System. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1186-1196.	5.8	17
195	An efficient fault diagnosis strategy based on SVDD and fuzzy clustering for ground-based electronic equipment. , 2019, , .		0
196	Fuzzy Adaptive Control for Nonlinear Suspension Systems Based on a Bioinspired Reference Model With Deliberately Designed Nonlinear Damping. IEEE Transactions on Industrial Electronics, 2019, 66, 8713-8723.	7.9	35
197	A novel fault diagnosis technique based on model and computational intelligence applied to vehicle active suspension systems. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2541.	1.9	2
198	Centrifugal Compressor Diagnosis Using Kernel PCA and Fuzzy Clustering. Lecture Notes in Mechanical Engineering, 2019, , 373-381.	0.4	3
199	A new tool wear monitoring method based on multi-scale PCA. Journal of Intelligent Manufacturing, 2019, 30, 113-122.	7.3	47

#	Article	IF	CITATIONS
200	Higher order sliding mode control for active suspension systems subject to actuator faults and disturbances. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2019, 233, 280-298.	0.8	4
201	Model-free tuning strategy of fractional-order PI controller for speed regulation of permanent magnet synchronous motor. Transactions of the Institute of Measurement and Control, 2019, 41, 23-35.	1.7	28
202	Finite-time <mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>asynchronous state estimation for discrete-time fuzzy Markov jump neural networks with uncertain measurements. Fuzzy Sets and Systems, 2019, 356, 113-128.</mml:mo></mml:mrow></mml:msub></mml:math>	o> <b>2./7</b> mml:r	na <b>th</b> >
203	Notice of Violation of IEEE Publication Principles: Fault Detection Using Industrial Video Information. IEEE Transactions on Industrial Electronics, 2024, , 1-1.	7.9	2
204	An Analysis of the Impact of Transient Faults on the Performance of the CAN-FD Protocol. IEEE Transactions on Industrial Electronics, 2020, 67, 2440-2449.	7.9	6
205	Enhancing Density Peak Clustering via Density Normalization. IEEE Transactions on Industrial Informatics, 2020, 16, 2477-2485.	11.3	13
206	Fuzzy c-means clustering using Jeffreys-divergence based similarity measure. Applied Soft Computing Journal, 2020, 88, 106016.	7.2	36
207	A data-driven principal component analysis-support vector machine approach for breast cancer diagnosis: Comparison and application. Transactions of the Institute of Measurement and Control, 2020, 42, 1301-1312.	1.7	7
208	Toward Self-Powered Inertial Sensors Enabled by Triboelectric Effect. ACS Applied Electronic Materials, 2020, 2, 3072-3087.	4.3	23
209	Adaptive Finite-Time Control for Half-Vehicle Active Suspension Systems with Uncertain Dynamics. IEEE/ASME Transactions on Mechatronics, 2020, , $1$ -1.	5.8	17
210	Reliable adaptive Hâ´ž path following control for autonomous ground vehicles in finite frequency domain. Journal of the Franklin Institute, 2020, 357, 9599-9613.	3.4	12
211	Comparison of mini-models based on various clustering algorithms. Procedia Computer Science, 2020, 176, 3563-3570.	2.0	2
212	UAV monitoring and forecasting model in intelligent traffic oriented applications. Computer Communications, 2020, 153, 499-506.	5.1	11
213	Performance-driven ensemble ICA chemical process monitoring based on fault-relevant models. Soft Computing, 2020, 24, 12289-12302.	3.6	5
214	Fault Diagnosis of Complex Chemical Processes Based on Enhanced Naive Bayesian Method. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4649-4658.	4.7	30
215	A new weighted fuzzy C-means clustering approach considering between-cluster separability. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1017-1024.	1.4	1
216	Distributed consensus of multiagent systems. , 2021, , 117-159.		1
217	A wavelet-based approach for imputation in nonstationary multivariate time series. Statistics and Computing, $2021, 31, 1$ .	1.5	9

#	ARTICLE	IF	CITATIONS
218	ARAÇ SÜSPANSİYON SİSTEMİNİN NÜMERİK ve DENEYSEL DİNAMİK ANALİZİ. Konya Journal o Sciences, 2021, 9, 85-105.	of Enginee	ring
220	A Multiâ€Granularity Density Peak Clustering Algorithm Based on Variational Mode Decomposition. Chinese Journal of Electronics, 2021, 30, 658-668.	1.5	8
221	A New Multitask Learning Method for Tool Wear Condition and Part Surface Quality Prediction. IEEE Transactions on Industrial Informatics, 2021, 17, 6023-6033.	11.3	27
222	Predictive maintenance enabled by machine learning: Use cases and challenges in the automotive industry. Reliability Engineering and System Safety, 2021, 215, 107864.	8.9	142
223	A Novel Modeling Framework Based on Customized Kernel-Based Fuzzy C-Means Clustering in Iron Ore Sintering Process. IEEE/ASME Transactions on Mechatronics, 2022, 27, 950-961.	5.8	9
224	Fault isolability with different forms of the faults–symptoms relation. International Journal of Applied Mathematics and Computer Science, 2016, 26, 815-826.	1.5	20
225	VMD-KFCM Algorithm for the Fault Diagnosis of Diesel Engine Vibration Signals. Energies, 2020, 13, 228.	3.1	11
226	Sliding Mode Control of the Semi-active Hover Backpack Based on the Bioinspired Skyhook Damper Model. , 2021, , .		2
227	Comparison of Methods for Automated Feature Selection Using a Self-organising Map. Communications in Computer and Information Science, 2016, , 134-146.	0.5	0
228	The Analysis of Analog Circuits Fault Diagnosis Methods. , 2016, , .		1
229	A Novel Multiclass Text Classification Algorithm Based on Multiconlitron. , 2016, , .		0
230	A Method Achieving 860 Radar Angle Digital Conversion. , 2016, , .		0
231	Digtal Watermarking Based on the Error Correcting Coding. , 2016, , .		0
232	BCH Coding Watermarking Based on Discrete Wavelet Transform. , 2016, , .		0
233	Research on Food Security Platform Based on the Internet of Things(IOT) and Software-as-a-Service (SaaS) Model. , 2016, , .		0
234	Model based Fault Detection and Robust Steering Control Algorithm for Autonomous Vehicle Using Sliding Mode Observer. Transactions of the Korean Society of Automotive Engineers, 2017, 25, 732-741.	0.3	3
235	Improved Performance of EK-NNClus by Selecting Appropriate Parameter. Lecture Notes in Computer Science, 2018, , 252-259.	1.3	1
236	Online Model for Suspension Faults Diagnostics Using IoT and Analytics. Advances in Intelligent Systems and Computing, 2019, , 145-154.	0.6	4

#	Article	IF	CITATIONS
237	Distributed Consensus of Stochastic Delayed Multi-agent Systems Under Asynchronous Switching. , 2019, , 1-28.		1
238	Fuzzy Clustering-Based Process-Monitoring Strategy for a Multistage Manufacturing Facility. Advances in Intelligent Systems and Computing, 2020, , 459-469.	0.6	0
239	Multi-Fault-Tolerant Control in Integer-Order Systems. Studies in Systems, Decision and Control, 2021, , 35-63.	1.0	0
240	LMI based stability and stabilization for uncertain T-S fuzzy fractional order systems. , 2020, , .		0
242	SUSPENSION FAULT DIAGNOSTICS USING VEHICLE PITCH AND ROLL MODELS. Proceedings of the Annual Conference of the Prognostics and Health Management Society Prognostics and Health Management Society Conference, 2021, 13, .	0.3	0
243	Fault Diagnostics and Prognostics for Vehicle Springs and Stablizer Bar. Proceedings of the Annual Conference of the Prognostics and Health Management Society Prognostics and Health Management Society Conference, 2020, 12, 10.	0.3	1
244	Fault-Tolerant Control for Load Frequency Control System via a Fault Observer. , 2020, , .		0
245	Generalized Sliding Mode Observers for Simultaneous Fault Reconstruction in the Presence of Uncertainty and Disturbance. Energies, 2022, 15, 1411.	3.1	0
246	Data-driven control of automotive diesel engines and after-treatment systems: State of the art and future challenges. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2023, 237, 2083-2098.	1.9	4
247	Distributed Consensus of Stochastic Delayed Multi-agent Systems Under Asynchronous Switching. , 2022, , 1283-1310.		0
248	Deep Learning with LPC and Wavelet Algorithms for Driving Fault Diagnosis. Sensors, 2022, 22, 7072.	3.8	5
249	An enhanced kernel learning data-driven method for multiple fault detection and identification in industrial systems. Information Sciences, 2022, 615, 431-448.	6.9	5
250	A review of aircraft environmental control system simulation and diagnostics. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2023, 237, 2453-2467.	1.3	5
251	The path following of intelligent unmanned vehicle scheme based on adaptive sliding mode-model predictive control. Journal of the Franklin Institute, 2023, 360, 5658-5688.	3.4	5
252	Adaptive Switching Event-Triggered Control for Active Suspension Systems With Acceleration Performance Constraint. IEEE Transactions on Intelligent Transportation Systems, 2023, , 1-10.	8.0	0
253	Robust \$\$mathcal {H}_infty \$\$ Path Following Control forÂAutonomous Ground Vehicles withÂDelay andÂData Dropout. Key Technologies on New Energy Vehicles, 2023, , 153-171.	0.6	0
254	Robust \$\$mathcal {H}_infty \$\$ Output-Feedback Yaw Control forÂln-Wheel Motor-Driven Electric Vehicles withÂDifferential Steering. Key Technologies on New Energy Vehicles, 2023, , 131-152.	0.6	0
255	Displacement reconstruction based on Kalman smoothing in multi-rate suspension health monitoring systems. Journal of Physics: Conference Series, 2023, 2513, 012011.	0.4	0

#	Article	IF	CITATIONS
256	Establishment and Practice of Physical Education Evaluation Using Grey Cluster Analysis Under the Data Background. International Journal of Web-Based Learning and Teaching Technologies, 2024, 19, 1-10.	0.9	0
257	Observer-Based Robust Control for Active Suspension Systems by Employing Beneficial Disturbances and Coupling Effects. Lecture Notes in Electrical Engineering, 2024, , 797-806.	0.4	0
258	Causal temporal graph attention network for fault diagnosis of chemical processes. Chinese Journal of Chemical Engineering, 2024, , .	3.5	0