Pak Kin Wong

List of Publications by Year
in descending order

150	3,827	159585	161849
papers	citations	30	54
		h-index	g-index

151	151	151	3477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fuzzy KNN Method With Adaptive Nearest Neighbors. IEEE Transactions on Cybernetics, 2022, 52, 5380-5393.	9.5	18
2	Improved AET Robust Control for Networked Tâ€"S Fuzzy Systems With Asynchronous Constraints. IEEE Transactions on Cybernetics, 2022, 52, 1465-1478.	9.5	19
3	Observer-based gain scheduling path following control for autonomous electric vehicles subject to time delay. Vehicle System Dynamics, 2022, 60, 1602-1626.	3.7	9
4	Design of an Acceleration Redistribution Cooperative Strategy for Collision Avoidance System Based on Dynamic Weighted Multi-Objective Model Predictive Controller. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5006-5018.	8.0	17
5	Fast Training of Adversarial Deep Fuzzy Classifier by Downsizing Fuzzy Rules With Gradient Guided Learning. IEEE Transactions on Fuzzy Systems, 2022, 30, 1967-1980.	9.8	6
6	Event-Triggered Asynchronous Fuzzy Filtering for Vehicle Sideslip Angle Estimation With Data Quantization and Dropouts. IEEE Transactions on Fuzzy Systems, 2022, 30, 2822-2836.	9.8	7
7	Adaptive event-based robust passive fault tolerant control for nonlinear lateral stability of autonomous electric vehicles with asynchronous constraints. ISA Transactions, 2022, 127, 310-323.	5.7	18
8	Robust Takagiâ€"Sugeno Fuzzy Fault Tolerant Control for Vehicle Lateral Dynamics Stabilization With Integrated Actuator Fault and Time Delay. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2022, 144, .	1.6	2
9	Human-Machine Shared Steering Control for Vehicle Lane Keeping Systems via a Fuzzy Observer-Based Event-Triggered Method. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13731-13744.	8.0	16
10	Broad learning system stacking with multi-scale attention for the diagnosis of gastric intestinal metaplasia. Biomedical Signal Processing and Control, 2022, 73, 103476.	5.7	6
11	Automatic detection of multiple types of pneumonia: Open dataset and a multi-scale attention network. Biomedical Signal Processing and Control, 2022, 73, 103415.	5.7	16
12	Fault Diagnosis of Induction Motors Under Untrained Loads With a Feature Adaptation and Improved Broad Learning Framework. IEEE/ASME Transactions on Mechatronics, 2022, 27, 3041-3052.	5.8	5
13	A Novel Multiple Feature-Based Engine Knock Detection System using Sparse Bayesian Extreme Learning Machine. Cognitive Computation, 2022, 14, 828-851.	5.2	12
14	Physicochemical and cell toxicity properties of particulate matter (PM) from a diesel vehicle fueled with diesel, spent coffee ground biodiesel, and ethanol. Science of the Total Environment, 2022, 824, 153873.	8.0	11
15	Cost-Sensitive Broad Learning System for Imbalanced Classification and Its Medical Application. Mathematics, 2022, 10, 829.	2.2	5
16	Adaptive ride height controller design for vehicle active suspension systems with uncertain sprung mass and timeâ€varying disturbance. International Journal of Robust and Nonlinear Control, 2022, 32, 5950-5966.	3.7	4
17	Physical, chemical, and cell toxicity properties of mature/aged particulate matter (PM) trapped in a diesel particulate filter (DPF) along with the results from freshly produced PM of a diesel engine. Journal of Hazardous Materials, 2022, 434, 128855.	12.4	14
18	Observer-based robust gain-scheduled control for semi-active air suspension systems subject to uncertainties and external disturbance. Mechanical Systems and Signal Processing, 2022, 173, 109045.	8.0	9

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19	Distributed Adaptive Consensus Protocol for Connected Vehicle Platoon With Heterogeneous Time-Varying Delays and Switching Topologies. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17620-17631.	8.0	16
20	Multi-scale Multi-instance Multi-feature Joint Learning Broad Network (M3JLBN) for gastric intestinal metaplasia subtype classification. Knowledge-Based Systems, 2022, 249, 108960.	7.1	3
21	Interval fuzzy robust non-fragile finite frequency control for active suspension of in-wheel motor driven electric vehicles with time delay. Journal of the Franklin Institute, 2022, 359, 5960-5990.	3.4	8
22	Dynamic-output-feedback based interval type-2 fuzzy control for nonlinear active suspension systems with actuator saturation and delay. Information Sciences, 2022, 607, 1174-1194.	6.9	10
23	Reliable Fuzzy Sampled-Data Control for Nonlinear Suspension Systems Against Actuator Faults. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5518-5528.	5.8	6
24	Self-Evolving Data Cloud-Based PID-Like Controller for Nonlinear Uncertain Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 4508-4518.	7.9	4
25	Static-Output-Feedback Based Robust Fuzzy Wheelbase Preview Control for Uncertain Active Suspensions With Time Delay and Finite Frequency Constraint. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 664-678.	13.1	19
26	Adaptive-Event-Trigger-Based Fuzzy Nonlinear Lateral Dynamic Control for Autonomous Electric Vehicles Under Insecure Communication Networks. IEEE Transactions on Industrial Electronics, 2021, 68, 2447-2459.	7.9	62
27	Intelligent Vibration Control for Semiactive Suspension Systems Without Prior Knowledge of Dynamical Nonlinear Damper Behaviors Based on Improved Extreme Learning Machine. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2071-2079.	5.8	13
28	Sampled-Data Asynchronous Fuzzy Output Feedback Control for Active Suspension Systems in Restricted Frequency Domain. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1052-1066.	13.1	20
29	Adaptive neural control of vehicle yaw stability with active front steering using an improved random projection neural network. Vehicle System Dynamics, 2021, 59, 396-414.	3.7	30
30	Impact of fueling methods on the combustion and cyclic variability in a compression ignition engine. International Journal of Green Energy, 2021, 18, 474-489.	3.8	1
31	Robust Backstepping Super-Twisting Sliding Mode Control for Autonomous Vehicle Path Following. IEEE Access, 2021, 9, 123165-123177.	4.2	21
32	Multi-objective frequency domain-constrained static output feedback control for delayed active suspension systems with wheelbase preview information. Nonlinear Dynamics, 2021, 103, 1757-1774.	5.2	19
33	Nonlinear Ride Height Control of Active Air Suspension System with Output Constraints and Time-Varying Disturbances. Sensors, 2021, 21, 1539.	3.8	6
34	Robust non-fragile finite frequency H_∞ control for uncertain active suspension systems with time-delay using T-S fuzzy approach. Journal of the Franklin Institute, 2021, 358, 4209-4238.	3.4	21
35	Deep learning for diagnosis of precancerous lesions in upper gastrointestinal endoscopy: A review. World Journal of Gastroenterology, 2021, 27, 2531-2544.	3.3	13
36	Data-Based Identification of the Tire Cornering Properties Via Piecewise Affine Approximation. International Journal of Automotive Technology, 2021, 22, 631-641.	1.4	2

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37	Impact of lower and higher alcohols on the physicochemical properties of particulate matter from diesel engines: A review. Renewable and Sustainable Energy Reviews, 2021, 143, 110970.	16.4	42
38	Why is the world not yet ready to use alternative fuel vehicles?. Heliyon, 2021, 7, e07527.	3.2	31
39	Online Equivalent Degradation Indicator Calculation for Remaining Charging-Discharging Cycle Determination of Lithium-Ion Batteries. IEEE Transactions on Vehicular Technology, 2021, 70, 6613-6625.	6.3	13
40	A multi-feature fusion method for image recognition of gastrointestinal metaplasia (GIM). Biomedical Signal Processing and Control, 2021, 69, 102909.	5.7	6
41	A New Adaptive Region of Interest Extraction Method for Two-Lane Detection. International Journal of Automotive Technology, 2021, 22, 1631-1649.	1.4	3
42	EFFECT OF VEHICLE LIGHT ON THE NANOSTRUCTURE OF PARTICULATE MATTERS EMITTED FROM DIESEL AND GASOLINE VEHICLES. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	0
43	Approximate empirical kernel map-based iterative extreme learning machine for clustering. Neural Computing and Applications, 2020, 32, 8031-8046.	5.6	1
44	Robust and Noise-Insensitive Recursive Maximum Correntropy-Based Evolving Fuzzy System. IEEE Transactions on Fuzzy Systems, 2020, 28, 2277-2284.	9.8	14
45	Adaptive neural tracking control for automotive engine idle speed regulation using extreme learning machine. Neural Computing and Applications, 2020, 32, 14399-14409.	5.6	8
46	Adaptive vehicle posture and height synchronization control of active air suspension systems with multiple uncertainties. Nonlinear Dynamics, 2020, 99, 2109-2127.	5.2	21
47	Intelligent diagnosis of gastric intestinal metaplasia based on convolutional neural network and limited number of endoscopic images. Computers in Biology and Medicine, 2020, 126, 104026.	7.0	31
48	Analysis of Co-Relation Between Objective Measurement and Subjective Assessment for Dynamic Comfort of Vehicles. International Journal of Automotive Technology, 2020, 21, 1553-1567.	1.4	5
49	Automatic distinction between COVID-19 and common pneumonia using multi-scale convolutional neural network on chest CT scans. Chaos, Solitons and Fractals, 2020, 140, 110153.	5.1	92
50	Identification of a piecewise affine model for the tire cornering characteristics based on experimental data. Nonlinear Dynamics, 2020, 101, 857-874.	5.2	9
51	A Novel Wind Speed Interval Prediction Based on Error Prediction Method. IEEE Transactions on Industrial Informatics, 2020, 16, 6806-6815.	11.3	55
52	Non-polar organic compounds, volatility and oxidation reactivity of particulate matter emitted from diesel engine fueled with ternary fuels in blended and fumigation modes. Chemosphere, 2020, 249, 126086.	8.2	19
53	Velocity-based robust fault tolerant automatic steering control of autonomous ground vehicles via adaptive event triggered network communication. Mechanical Systems and Signal Processing, 2020, 143, 106798.	8.0	42
54	Cornering stability control for vehicles with active front steering system using T-S fuzzy based sliding mode control strategy. Mechanical Systems and Signal Processing, 2019, 125, 347-364.	8.0	76

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55	Practical multi-objective control for automotive semi-active suspension system with nonlinear hydraulic adjustable damper. Mechanical Systems and Signal Processing, 2019, 117, 667-688.	8.0	97
56	Initial-training-free online sequential extreme learning machine based adaptive engine air–fuel ratio control. International Journal of Machine Learning and Cybernetics, 2019, 10, 2245-2256.	3.6	7
57	Integrated vehicle dynamics management for distributed–drive electric vehicles with active front steering using adaptive neural approaches against unknown nonlinearity. International Journal of Robust and Nonlinear Control, 2019, 29, 4888-4908.	3.7	12
58	Fuzzy finite-frequency output feedback control for nonlinear active suspension systems with time delay and output constraints. Mechanical Systems and Signal Processing, 2019, 132, 315-334.	8.0	46
59	Robust nonfragile H$_\infty$ optimum control for active suspension systems with time-varying actuator delay. JVC/Journal of Vibration and Control, 2019, 25, 2435-2452.	2.6	27
60	Robust Ride Height Control for Active Air Suspension Systems With Multiple Unmodeled Dynamics and Parametric Uncertainties. IEEE Access, 2019, 7, 59185-59199.	4.2	22
61	An Efficient Fault Diagnostic Method for Three-Phase Induction Motors Based on Incremental Broad Learning and Non-Negative Matrix Factorization. IEEE Access, 2019, 7, 17780-17790.	4.2	34
62	A Simplified Finite Element Approach for Modeling of Multilayer Plates. Shock and Vibration, 2019, 2019, 1-7.	0.6	0
63	Design and Control of an Automotive Variable Hydraulic Damper Using Cuckoo Search Optimized Pid Method. International Journal of Automotive Technology, 2019, 20, 51-63.	1.4	38
64	Simplification of finite element modeling for plates structures with constrained layer damping by using single-layer equivalent material properties. Composites Part B: Engineering, 2019, 157, 283-288.	12.0	25
65	Novel paralleled extreme learning machine networks for fault diagnosis of wind turbine drivetrain. Memetic Computing, 2019, 11, 127-142.	4.0	14
66	Adaptive regulating of automotive mono-tube hydraulic adjustable dampers using gray neural network–based compensation system. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 2532-2545.	1.9	9
67	Nonfragile H$_\infty$ Control of Delayed Active Suspension Systems in Finite Frequency Under Nonstationary Running. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	1.6	14
68	Fault diagnosis of rotating machinery based on multiple probabilistic classifiers. Mechanical Systems and Signal Processing, 2018, 108, 99-114.	8.0	71
69	Structural and Electronic Properties of Two-Dimensional Organic–inorganic Halide Perovskites and their Stability against Moisture. Journal of Physical Chemistry C, 2018, 122, 5844-5853.	3.1	19
70	Efficient extreme learning machine via very sparse random projection. Soft Computing, 2018, 22, 3563-3574.	3.6	20
71	Adaptive air-fuel ratio control of dual-injection engines under biofuel blends using extreme learning machine. Energy Conversion and Management, 2018, 165, 66-75.	9.2	20
72	Single and Simultaneous Fault Diagnosis With Application to a Multistage Gearbox: A Versatile Dual-ELM Network Approach. IEEE Transactions on Industrial Informatics, 2018, 14, 5245-5255.	11.3	60

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73	Kernel-Based Multilayer Extreme Learning Machines for Representation Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 757-762.	11.3	141
74	Efficient point-by-point engine calibration using machine learning and sequential design of experiment strategies. Journal of the Franklin Institute, 2018, 355, 1517-1538.	3.4	12
75	Correntropy-Based Evolving Fuzzy Neural System. IEEE Transactions on Fuzzy Systems, 2018, 26, 1324-1338.	9.8	51
76	Online extreme learning machine based modeling and optimization for point-by-point engine calibration. Neurocomputing, 2018, 277, 187-197.	5.9	23
77	Output-feedback model-reference adaptive calibration for map-based anti-jerk control of electromechanical automotive clutches. International Journal of Adaptive Control and Signal Processing, 2018, 32, 265-285.	4.1	4
78	Design and Testing of a Nonlinear Model Predictive Controller for Ride Height Control of Automotive Semi-Active Air Suspension Systems. IEEE Access, 2018, 6, 63777-63793.	4.2	41
79	Intelligent monitoring, diagnosis and control in mechanical engineering. Advances in Mechanical Engineering, 2018, 10, 168781401881211.	1.6	0
80	Multi-View CNN Feature Aggregation with ELM Auto-Encoder for 3D Shape Recognition. Cognitive Computation, 2018, 10, 908-921.	5.2	44
81	Empirical kernel map-based multilayer extreme learning machines for representation learning. Neurocomputing, 2018, 310, 265-276.	5.9	27
82	Design and analysis of an integrated sliding mode control–two-point wheelbase preview strategy for a semi-active air suspension with stepper motor-driven gas-filled adjustable shock absorber. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2018, 232, 1194-1211.	1.0	19
83	Development of a Novel Dual-Belt Van Doorne's Continuously Variable Transmission for Automobiles â€" A Preliminary Study. International Journal of Structural Stability and Dynamics, 2018, 18, 1850016.	2.4	4
84	Encrypted image classification based on multilayer extreme learning machine. Multidimensional Systems and Signal Processing, 2017, 28, 851-865.	2.6	28
85	A new framework for intelligent simultaneous-fault diagnosis of rotating machinery using pairwise-coupled sparse Bayesian extreme learning committee machine. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 1146-1161.	2.1	9
86	Self-evolving fuzzy model-based controller with online structure and parameter learning for hypersonic vehicle. Aerospace Science and Technology, 2017, 64, 1-15.	4.8	26
87	Extreme Learning Machine for Huge Hypotheses Re-ranking in Statistical Machine Translation. Cognitive Computation, 2017, 9, 285-294.	5.2	11
88	Adaptive Self-Learning Fuzzy Autopilot Design for Uncertain Bank-to-Turn Missiles. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	1.6	9
89	Cuckoo search-based intelligent control ofâaânovel variable rotary valve system forâengines using PID controller. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2351-2363.	1.4	14
90	A novel meta-cognitive fuzzy-neural model with backstepping strategy for adaptive control of uncertain nonlinear systems. Neurocomputing, 2017, 230, 332-344.	5.9	19

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91	Determining the fracture forming limits in sheet metal forming: A technical note. Journal of Strain Analysis for Engineering Design, 2017, 52, 467-471.	1.8	9
92	Post-boosting of classification boundary for imbalanced data using geometric mean. Neural Networks, 2017, 96, 101-114.	5.9	16
93	Drug screening of cancer cell lines and human primary tumors using droplet microfluidics. Scientific Reports, 2017, 7, 9109.	3.3	69
94	Optimal calibration of variable biofuel blend dual-injection engines using sparse Bayesian extreme learning machine and metaheuristic optimization. Energy Conversion and Management, 2017, 148, 1170-1178.	9.2	16
95	Chassis integrated control for active suspension, active front steering and direct yaw moment systems using hierarchical strategy. Vehicle System Dynamics, 2017, 55, 72-103.	3.7	147
96	Multi-Objective Sliding Mode Control on Vehicle Cornering Stability with Variable Gear Ratio Actuator-Based Active Front Steering Systems. Sensors, 2017, 17, 49.	3.8	16
97	Engineering Applications of Intelligent Monitoring and Control 2016. Mathematical Problems in Engineering, 2017, 2017, 1-2.	1.1	0
98	Fast detection of impact location using kernel extreme learning machine. Neural Computing and Applications, 2016, 27, 121-130.	5.6	53
99	Model predictive engine air-ratio control using online sequential extreme learning machine. Neural Computing and Applications, 2016, 27, 79-92.	5.6	33
100	Design of a Road Friendly SAS System for Heavy-Duty Vehicles Based on a Fuzzy-Hybrid-ADD and GH-Control Strategy. Shock and Vibration, 2016, 2016, 1-7.	0.6	8
101	An Effective Fault Feature Extraction Method for Gas Turbine Generator System Diagnosis. Shock and Vibration, 2016, 2016, 1-9.	0.6	6
102	Simultaneous-Fault Diagnosis of Gearboxes Using Probabilistic Committee Machine. Sensors, 2016, 16, 185.	3.8	32
103	DESIGN AND EVALUATION OF A RIDE COMFORT BASED SUSPENSION SYSTEM USING AN OPTIMAL STIFFNESS-DETERMINATION METHOD. Transactions of the Canadian Society for Mechanical Engineering, 2016, 40, 773-785.	0.8	13
104	An Analytical Study on Reasoning of Extreme Learning Machine for Classification from Its Inductive Bias. Cognitive Computation, 2016, 8, 746-756.	5.2	7
105	A First-Principles Study on the Structural and Electronic Properties of Sn-Based Organicâ€"Inorganic Halide Perovskites. Journal of Electronic Materials, 2016, 45, 5956-5966.	2.2	29
106	Online wavelet least-squares support vector machine fuzzy predictive control for engine lambda regulation. International Journal of Engine Research, 2016, 17, 866-885.	2.3	7
107	Sparse Bayesian extreme learning committee machine for engine simultaneous fault diagnosis. Neurocomputing, 2016, 174, 331-343.	5.9	63
108	An Experimental Study on Dynamics of a Novel Dual-Belt Continuous Variable Transmission Based on a Newly Developed Test Rig. Shock and Vibration, 2015, 2015, 1-23.	0.6	4

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109	Modeling of RFID-Enabled Real-Time Manufacturing Execution System in Mixed-Model Assembly Lines. Mathematical Problems in Engineering, 2015, 2015, 1-15.	1.1	7
110	Engineering Applications of Intelligent Monitoring and Control 2014. Mathematical Problems in Engineering, 2015, 2015, 1-5.	1.1	2
111	Development of a wireless inspection and notification system with minimum monitoring hardware for real-time vehicle engine health inspection. Transportation Research Part C: Emerging Technologies, 2015, 58, 29-45.	7.6	3
112	Fast and accurate face detection by sparse Bayesian extreme learning machine. Neural Computing and Applications, 2015, 26, 1149-1156.	5.6	20
113	Imbalanced Learning for Air Pollution by Meta-Cognitive Online Sequential Extreme Learning Machine. Cognitive Computation, 2015, 7, 381-391.	5.2	21
114	Modelling and Prediction of Diesel Engine Performance using Relevance Vector Machine. International Journal of Green Energy, 2015, 12, 265-271.	3.8	16
115	Modeling and optimization of biodiesel engine performance using kernel-based extreme learning machine and cuckoo search. Renewable Energy, 2015, 74, 640-647.	8.9	134
116	Hybrid model predictive controller for engine air-ratio control. , 2014, , .		0
117	Variation-Oriented Data Filtering for Improvement in Model Complexity of Air Pollutant Prediction Model. Mathematical Problems in Engineering, 2014, 2014, 1-14.	1.1	1
118	Analysis of automotive rolling lobe air spring under alternative factors with finite element model. Journal of Mechanical Science and Technology, 2014, 28, 5069-5081.	1.5	33
119	Sparse Bayesian Extreme Learning Machine for Multi-classification. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 836-843.	11.3	161
120	Application of RFID technology and the maximum spanning tree algorithm for solving vehicle emissions in cities on Internet of Things. , 2014, , .		10
121	Real-time fault diagnosis for gas turbine generator systems using extreme learning machine. Neurocomputing, 2014, 128, 249-257.	5.9	128
122	Simultaneous-fault detection based on qualitative symptom descriptions for automotive engine diagnosis. Applied Soft Computing Journal, 2014, 22, 238-248.	7.2	28
123	Modelling of diesel engine performance using advanced machine learning methods under scarce and exponential data set. Applied Soft Computing Journal, 2013, 13, 4428-4441.	7.2	72
124	A New Framework of Simultaneous-Fault Diagnosis Using Pairwise Probabilistic Multi-Label Classification for Time-Dependent Patterns. IEEE Transactions on Industrial Electronics, 2013, 60, 3372-3385.	7.9	61
125	Modeling and optimization of biodiesel engine performance using advanced machine learning methods. Energy, 2013, 55, 519-528.	8.8	104
126	Simultaneous-Fault Diagnosis of Automotive Engine Ignition Systems Using Prior Domain Knowledge and Relevance Vector Machine. Mathematical Problems in Engineering, 2013, 2013, 1-19.	1.1	12

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127	Engineering Applications of Intelligent Monitoring and Control. Mathematical Problems in Engineering, 2013, 2013, 1-4.	1.1	0
128	Simultaneous-Fault Diagnosis of Gas Turbine Generator Systems Using a Pairwise-Coupled Probabilistic Classifier. Mathematical Problems in Engineering, 2013, 2013, 1-14.	1.1	19
129	Inspection and control of vehicle emissions through Internet of Things and traffic lights. , 2013, , .		8
130	Short-Term Prediction of Air Pollution in Macau Using Support Vector Machines. Journal of Control Science and Engineering, 2012, 2012, 1-11.	1.0	21
131	Numerical Modeling and Control of Rotating Plate with Coupled Self-Sensing and Frequency-Dependent Active Constrained Layer Damping. Mathematical Problems in Engineering, 2012, 2012, 1-15.	1.1	2
132	Modelling and prediction of automotive engine airratio using relevance vector machine. , 2012, , .		4
133	Advanced Control in Micro-/Nanosystems. Journal of Control Science and Engineering, 2012, 2012, 1-2.	1.0	1
134	Flexibility study on telemetric vehicle emission examination. International Journal of Satellite Communications Policy and Management, 2012, 1, 220.	0.0	0
135	Modeling and analysis of rotating plates by using self-sensing active constrained layer damping. Journal of Mechanical Science and Technology, 2012, 26, 3009-3016.	1.5	3
136	Automotive engine power performance tuning under numerical and nominal data. Control Engineering Practice, 2012, 20, 300-314.	5.5	23
137	Rate-Dependent Hysteresis Modeling and Control of a Piezostage Using Online Support Vector Machine and Relevance Vector Machine. IEEE Transactions on Industrial Electronics, 2012, 59, 1988-2001.	7.9	148
138	Preliminary Study on Telemetric Vehicle Emission Examination. Lecture Notes in Electrical Engineering, 2012, , 443-451.	0.4	0
139	Framework of vehicle emission inspection and control through RFID and traffic lights. , 2011, , .		14
140	Hysteresis modeling and compensation of a piezostage using least squares support vector machines. Mechatronics, 2011, 21, 1239-1251.	3.3	96
141	Case-based expert system using wavelet packet transform and kernel-based feature manipulation for engine ignition system diagnosis. Engineering Applications of Artificial Intelligence, 2011, 24, 1281-1294.	8.1	21
142	Design of a fuzzy preview active suspension system for automobiles. , 2011, , .		4
143	A genetic algorithm-based optimization design on self-sensing active constrained layer damped rotating plates. Journal of Intelligent Material Systems and Structures, 2011, 22, 2069-2078.	2.5	5
144	Case-Based Design for Hydraulic Power Circuit. Communications in Computer and Information Science, 2011, , 269-275.	0.5	1

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145	Case-based adaptation for automotive engine electronic control unit calibration. Expert Systems With Applications, 2010, 37, 3184-3194.	7.6	20
146	Modelling of Petrol Engine Power Using Incremental Least-Square Support Vector Machines for ECU Calibration. , 2010, , .		4
147	Data preprocessing and modelling of electronically-controlled automotive engine power performance using kernel principal components analysis and least squares support vector machines. International Journal of Vehicle Systems Modelling and Testing, 2008, 3, 312.	0.1	14
148	Prediction of automotive engine power and torque using least squares support vector machines and Bayesian inference. Engineering Applications of Artificial Intelligence, 2006, 19, 277-287.	8.1	125
149	Design and Optimization on Active Engine Mounting Systems for Vibration Isolation. Applied Mechanics and Materials, 0, 479-480, 202-209.	0.2	0
150	Research on Seawater Hydraulic Internal Ball Gear Pump. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622110704.	2.1	0