

Hishamuddin Jamaluddin

List of Publications by Year in descending order

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34
papers

512
citations

758635

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34
docs citations

34
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure optimization of neural network for dynamic system modeling using multi-objective genetic algorithm. <i>Neural Computing and Applications</i> , 2012, 21, 1281-1295.	3.2	50
2	Application of adaptive neural predictive control for an automotive air conditioning system. <i>Applied Thermal Engineering</i> , 2014, 73, 1244-1254.	3.0	42
3	Dynamic modelling of an automotive variable speed air conditioning system using nonlinear autoregressive exogenous neural networks. <i>Applied Thermal Engineering</i> , 2014, 73, 1255-1269.	3.0	35
4	Robust Motion Control for Mobile Manipulator Using Resolved Acceleration and Proportional-Integral Active Force Control. <i>International Journal of Advanced Robotic Systems</i> , 2005, 2, 14.	1.3	34
5	Modelling and PID control of antilock braking system with wheel slip reduction to improve braking performance. <i>International Journal of Vehicle Safety</i> , 2013, 6, 265.	0.2	33
6	Active vibration control of a flexible beam using system identification and controller tuning by evolutionary algorithm. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 2027-2042.	1.5	32
7	Energy Analysis for Air Conditioning System Using Fuzzy Logic Controller. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2011, 9, 139.	0.6	32
8	Simulation and experimental evaluation on a skyhook policy-based fuzzy logic control for semi-active suspension system. <i>International Journal of Structural Engineering</i> , 2011, 2, 243.	0.3	31
9	Hardware-in-the-loop simulation of automatic steering control for lanekeeping manoeuvre: outer-loop and inner-loop control design. <i>International Journal of Vehicle Safety</i> , 2010, 5, 35.	0.2	18
10	Disturbance rejection control of a light armoured vehicle using stability augmentation based active suspension system. <i>International Journal of Heavy Vehicle Systems</i> , 2008, 15, 152.	0.1	16
11	Gain scheduling PID control with pitch moment rejection for reducing vehicle dive and squat. <i>International Journal of Vehicle Safety</i> , 2009, 4, 45.	0.2	16
12	Application of memetic algorithm in modelling discrete-time multivariable dynamics systems. <i>Mechanical Systems and Signal Processing</i> , 2008, 22, 1595-1609.	4.4	13
13	Simulation and experimental investigation on adaptive multi-order proportional-integral control for pneumatically actuated active suspension system using knowledge-based fuzzy. <i>International Journal of Modelling, Identification and Control</i> , 2011, 14, 73.	0.2	13
14	Online monitoring and self-tuning control using pole placement method for active vibration control of a flexible beam. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 449-460.	1.5	13
15	Enhanced Simulated Annealing Technique for the Single-Row Routing Problem. <i>Journal of Supercomputing</i> , 2002, 21, 285-302.	2.4	12
16	Model-in-the-loop simulation of gap and torque tracking control using electronic wedge brake actuator. <i>International Journal of Vehicle Safety</i> , 2014, 7, 390.	0.2	11
17	Active vibration control of flexible beam system using proportional control scheme in finite difference simulation platform. , 2011, , .		10
18	Comparison between multi-objective and single-objective optimization for the modeling of dynamic systems. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2012, 226, 994-1005.	0.7	9

#	ARTICLE	IF	CITATIONS
19	Natural frequency characteristics of thin-walled homogeneous and manifold layered cylindrical shells under pressure using energy method. Journal of Central South University, 2014, 21, 521-532.	1.2	9
20	Simulation and experimental evaluations on the performance of pneumatically actuated active roll control suspension system for improving vehicle lateral dynamics performance. International Journal of Vehicle Design, 2014, 64, 72.	0.1	9
21	Lateral suspension control of railway vehicle using semi-active magnetorheological damper. , 2011, , .		8
22	Modelling of magnetorheological semi-active suspension system controlled by semi-active damping force estimator. International Journal of Computer Applications in Technology, 2011, 42, 49.	0.3	8
23	Vibration analysis of supported thick-walled cylindrical shell made of functionally graded material under pressure loading. JVC/Journal of Vibration and Control, 2016, 22, 1023-1036.	1.5	8
24	Multi-Objective Optimization of NARX Model for System Identification Using Genetic Algorithm. , 2009, , .		7
25	Hardware-in-the-loop simulation of automatic steering control: Outer-loop and inner-loop control design. , 2010, , .		7
26	Frequency analysis of multiple layered cylindrical shells under lateral pressure with asymmetric boundary conditions. Chinese Journal of Mechanical Engineering (English Edition), 2014, 27, 23-31.	1.9	7
27	Design and clamping force modelling of electronic wedge brake system for automotive application. International Journal of Vehicle Systems Modelling and Testing, 2013, 8, 145.	0.1	6
28	EMPIRICAL AND FEED FORWARD NEURAL NETWORKS MODELS OF TAPIOCA STARCH HYDROLYSIS. Applied Artificial Intelligence, 2006, 20, 79-97.	2.0	5
29	Effects of genetic algorithm parameters on multiobjective optimization algorithm applied to system identification problem. , 2011, , .		5
30	Automatic steering control for lanekeeping manoeuvre: outer-loop and inner-loop control design. International Journal of Advanced Mechatronic Systems, 2010, 2, 350.	0.1	4
31	Active roll control suspension system for improving dynamics performance of passenger vehicle. , 2011, , .		4
32	Multiobjective Evolutionary Algorithm Approach in Modeling Discrete-Time Multivariable Dynamics Systems. , 2010, , .		3
33	Hybrid Skyhook-Stability Augmentation System for Ride Quality Improvement of Railway Vehicle. Applied Mechanics and Materials, 2014, 663, 141-145.	0.2	2
34	1B22 Performance Evaluation of Genetic Algorithm Timed PID and Limited State Feedback with Sensitivity Analysis Controllers for Railway Vehicle Suspension(The 12th International Conference on Control, 2014, 2014.12, _1B22-1_-_1B22-10_.	0.3	0