Hishamuddin Jamaluddin

List of Publications by Year
in descending order

34	512	759233 12	713466 21
papers	citations	h-index	g-index

34	34	34	399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	2.6	8
2	Active vibration control of a flexible beam using system identification and controller tuning by evolutionary algorithm. JVC/Journal of Vibration and Control, 2015, 21, 2027-2042.	2.6	32
3	Online monitoring and self-tuning control using pole placement method for active vibration control of a flexible beam. JVC/Journal of Vibration and Control, 2015, 21, 449-460.	2.6	13
4	Hybrid Skyhook-Stability Augmentation System for Ride Quality Improvement of Railway Vehicle. Applied Mechanics and Materials, 2014, 663, 141-145.	0.2	2
5	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.	3.0	9
6	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.	3.7	7
7	Dynamic modelling of an automotive variable speed air conditioning system using nonlinear autoregressive exogenous neural networks. Applied Thermal Engineering, 2014, 73, 1255-1269.	6.0	35
8	Application of adaptive neural predictive control for an automotive air conditioning system. Applied Thermal Engineering, 2014, 73, 1244-1254.	6.0	42
9	Model-in-the-loop simulation of gap and torque tracking control using electronic wedge brake actuator. International Journal of Vehicle Safety, 2014, 7, 390.	0.2	11
10	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.	0.3	9
11	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) Tj ETQq1 1 0.784314 rgBT /Ove Control, 2014, 2014.12, 1B22-1 - 1B22-10 .	0.0	0
12	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
13	Modelling and PID control of antilock braking system with wheel slip reduction to improve braking performance. International Journal of Vehicle Safety, 2013, 6, 265.	0.2	33
14	Comparison between multi-objective and single-objective optimization for the modeling of dynamic systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2012, 226, 994-1005.	1.0	9
15	Structure optimization of neural network for dynamic system modeling using multi-objective genetic algorithm. Neural Computing and Applications, 2012, 21, 1281-1295.	5.6	50
16	Lateral suspension control of railway vehicle using semi-active magnetorheological damper. , 2011, , .		8
17	Effects of genetic algorithm parameters on multiobjective optimization algorithm applied to system identification problem. , 2011, , .		5
18	Active roll control suspension system for improving dynamics performance of passenger vehicle. , 2011, , .		4

#	Article	IF	Citations
19	Modelling of magnetorheological semi-active suspension system controlled by semi-active damping force estimator. International Journal of Computer Applications in Technology, 2011, 42, 49.	0.5	8
20	Simulation and experimental investigation on adaptive multi-order proportional-integral control for pneumatically actuated active suspension system using knowledge-based fuzzy. International Journal of Modelling, Identification and Control, 2011, 14, 73.	0.2	13
21	Active vibration control of flexible beam system using proportional control scheme in finite difference simulation platform. , 2011, , .		10
22	Simulation and experimental evaluation on a skyhook policy-based fuzzy logic control for semi-active suspension system. International Journal of Structural Engineering, 2011, 2, 243.	0.4	31
23	Energy Analysis for Air Conditioning System Using Fuzzy Logic Controller. Telkomnika (Telecommunication Computing Electronics and Control), 2011, 9, 139.	0.8	32
24	Automatic steering control for lanekeeping manoeuvre: outer-loop and inner-loop control design. International Journal of Advanced Mechatronic Systems, 2010, 2, 350.	0.2	4
25	Hardware-in-the-loop simulation of automatic steering control for lanekeeping manoeuvre: outer-loop and inner-loop control design. International Journal of Vehicle Safety, 2010, 5, 35.	0.2	18
26	Hardware-in-the-loop simulation of automatic steering control: Outer-loop and inner-loop control design. , 2010, , .		7
27	Multiobjective Evolutionary Algorithm Approach in Modeling Discrete-Time Multivariable Dynamics Systems. , 2010, , .		3
28	Multi-Objective Optimization of NARX Model for System Identification Using Genetic Algorithm. , 2009, , .		7
29	Gain scheduling PID control with pitch moment rejection for reducing vehicle dive and squat. International Journal of Vehicle Safety, 2009, 4, 45.	0.2	16
30	Application of memetic algorithm in modelling discrete-time multivariable dynamics systems. Mechanical Systems and Signal Processing, 2008, 22, 1595-1609.	8.0	13
31	Disturbance rejection control of a light armoured vehicle using stability augmentation based active suspension system. International Journal of Heavy Vehicle Systems, 2008, 15, 152.	0.2	16
32	EMPIRICAL AND FEED FORWARD NEURAL NETWORKS MODELS OF TAPIOCA STARCH HYDROLYSIS. Applied Artificial Intelligence, 2006, 20, 79-97.	3.2	5
33	Robust Motion Control for Mobile Manipulator Using Resolved Acceleration and Proportional-Integral Active Force Control. International Journal of Advanced Robotic Systems, 2005, 2, 14.	2.1	34
34	Enhanced Simulated Annealing Technique for the Single-Row Routing Problem. Journal of Supercomputing, 2002, 21, 285-302.	3.6	12