

Mohammad Salah

List of Publications by Year in descending order

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38
papers

394
citations

1039880

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17
g-index

38
all docs

38
docs citations

38
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear-Control Strategy for Advanced Vehicle Thermal-Management Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 127-137.	3.9	68
2	A Smart Multiple-Loop Automotive Cooling Systemâ€™ Model, Control, and Experimental Study. IEEE/ASME Transactions on Mechatronics, 2010, 15, 117-124.	3.7	51
3	Optimum seeking-based non-linear controller to maximise energy capture in a variable speed wind turbine. IET Control Theory and Applications, 2012, 6, 526.	1.2	37
4	Hydraulic actuated automotive cooling systemsâ€™ Nonlinear control and test. Control Engineering Practice, 2009, 17, 609-621.	3.2	26
5	Automotive Thermostat Valve Configurations: Enhanced Warm-Up Performance. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2009, 131, .	0.9	24
6	Nonlinear robust control to maximize energy capture in a variable speed wind turbine. , 2008, , .		21
7	Robust nonlinear control strategy to maximize energy capture in a variable speed wind turbine with an internal induction generator. Journal of Control Theory and Applications, 2012, 10, 184-194.	0.8	20
8	Model development and analysis of a mid-sized hybrid fuel cell/battery vehicle with a representative driving cycle. Journal of Power Sources, 2014, 260, 62-71.	4.0	20
9	Sensing of the time-varying angular rate for MEMS Z-axis gyroscopes. Mechatronics, 2010, 20, 720-727.	2.0	14
10	Charge feedback-based robust position tracking control for piezoelectric actuators. IET Control Theory and Applications, 2012, 6, 615.	1.2	13
11	Multiple UAV navigation with finite sensing zone. , 2006, , .		10
12	Hysteresis compensation-based robust output feedback control for long-stroke piezoelectric actuators at high frequency. Sensors and Actuators A: Physical, 2021, 319, 112542.	2.0	10
13	Date Palm Fiber-Reinforced Recycled Polymer Composites: Synthesis and Characterization. Advances in Polymer Technology, 2022, 2022, 1-10.	0.8	10
14	Robust Backstepping Control for a Four-Bar Linkage Mechanism Driven by a DC Motor. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 94, 327-338.	2.0	8
15	Control of ultrasonic transducers for machining applications. , 2013, , .		7
16	Robust Tracking Control for a Piezoelectric Actuator. , 2007, , .		6
17	Cooperative control of multiple vehicles with limited sensing. International Journal of Adaptive Control and Signal Processing, 2007, 21, 115-131.	2.3	5
18	Neural Network-based Optimal Control for Advanced Vehicular Thermal Management Systems. , 0, , .		5

#	ARTICLE	IF	CITATIONS
19	Robust Backstepping Control for Tracked Vehicles Under the Influence of Slipping and Skidding. , 2019, , .		5
20	Time-Varying Angular Rate Sensing for a MEMS Z-Axis Gyroscope. , 2006, , .		4
21	Hybrid vehicular fuel cell/battery powertrain test bench: design, construction, and performance testing. Transactions of the Institute of Measurement and Control, 2017, 39, 1431-1440.	1.1	4
22	Development of a Driving Cycle for Amman City With Performance Evaluation for ICE Vehicle. , 2014, , .		3
23	Controlling a Skid-Steered Tracked Mobile Robot with Slippage Using Various Control Schemes. , 2019, , .		3
24	Modeling and Identification of a Four-Bar Linkage Mechanism Driven by a Geared DC Motor. International Review of Mechanical Engineering, 2015, 9, 296.	0.1	3
25	Fuzzy Logic Control Design for Advanced Vehicle Thermal Management Systems. , 2011, , .		3
26	Nonlinear robust control to maximize energy capture in a variable speed wind turbine using an induction generator. , 2009, , .		2
27	Identification of piezoelectric ultrasonic transducers for machining processes. , 2013, , .		2
28	Artificial neural networks-based modeling for electrical actuated automotive cooling systems. , 2013, , .		2
29	Variable structure control schemes for hydraulic actuated automotive cooling systems. , 2013, , .		2
30	Performance Comparison of Different Power Management Control Strategies for a Hybrid Fuel Cell/Battery Vehicle. , 2014, , .		2
31	A superior hybrid fuel cell vehicle solution for congested urban areas. , 2014, , .		1
32	Nonlinear Control Techniques for Micro Electrostatic Actuators in the Presence of Parasitics and Parametric Uncertainties. , 2011, , .		1
33	INTELLIGENT CONTROL TECHNIQUES FOR ELECTRICAL ACTUATED AUTOMOTIVE COOLING SYSTEMS. Control and Intelligent Systems, 2014, 42, .	0.3	1
34	Modeling, Simulation and Performance Comparison of Conventional Vehicle Against Three Configurations of Hybrid Vehicles. International Review on Modelling and Simulations, 2016, 9, 238.	0.2	1
35	Filter-based control for parallel plate micro electrostatic actuators. , 2011, , .		0
36	Four dimensional entertainment machine. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	Component based modelling of piezoelectric ultrasonic actuators for machining applications. Journal of Physics: Conference Series, 2013, 451, 012036.	0.3	0
38	Application of various control schemes on hydraulic actuated automotive cooling systems. Intelligent Decision Technologies, 2016, 10, 37-47.	0.6	0