Jong-Seob Won

List of Publications by Year
in descending order

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Version: 2024-02-01

29	674	1307594	996975
papers	citations	7 h-index	15 g-index

29	29	29	524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intelligent Energy Management Agent for a Parallel Hybrid Vehicleâ€"Part I: System Architecture and Design of the Driving Situation Identification Process. IEEE Transactions on Vehicular Technology, 2005, 54, 925-934.	6.3	243
2	Intelligent Energy Management Agent for a Parallel Hybrid Vehicleâ€"Part II: Torque Distribution, Charge Sustenance Strategies, and Performance Results. IEEE Transactions on Vehicular Technology, 2005, 54, 935-953.	6.3	143
3	An energy management and charge sustaining strategy for a parallel hybrid vehicle with CVT. IEEE Transactions on Control Systems Technology, 2005, 13, 313-320.	5.2	87
4	Fuzzy torque distribution control for a parallel hybrid vehicle. Expert Systems, 2002, 19, 4-10.	4.5	52
5	Fast defect detection for various types of surfaces using random forest with VOV features. International Journal of Precision Engineering and Manufacturing, 2015, 16, 965-970.	2.2	37
6	Integrated drive cycle analysis for fuzzy logic based energy management in hybrid vehicles. , 0, , .		21
7	A novel LLC resonant converter for wide input voltage and load range. , 2011, , .		18
8	Lane detection and tracking based on annealed particle filter. International Journal of Control, Automation and Systems, 2014, 12, 1303-1312.	2.7	10
9	A Fuzzy Analytic Hierarchy Process and Cooperative Game Theory Combined Multiple Mobile Robot Navigation Algorithm. Sensors, 2020, 20, 2827.	3.8	10
10	Energy Management Strategy for a Parallel Hybrid Vehicle. , 2002, , 273.		9
11	Operation characteristics of two-stage DC/DC converter for photovoltaic system. , 2012, , .		9
12	A Driving Situation Awareness-Based Energy Management Strategy for Parallel Hybrid Vehicles. , 2003, , .		8
13	Actuation voltage signal-shaping for smooth scanning beam locus of a light steering system with a dual-axis analog MEMS pointing mirror. Microelectronic Engineering, 2013, 110, 12-20.	2.4	5
14	Control-Oriented Finger Kinematic Model: Geometry-Based Approach. Journal of Mechanisms and Robotics, 2019, 11, .	2.2	5
15	A two-stage initial alignment technique for underwater vehicles dropped from a mother ship. International Journal of Precision Engineering and Manufacturing, 2013, 14, 2067-2073.	2.2	4
16	SMCSPO-Based Robust Control of AUV in Underwater Environments including Disturbances. Applied Sciences (Switzerland), 2021, 11, 10978.	2.5	4
17	Geometry-based finger kinematic models for joint rotation configuration and parameter estimation. International Journal of Advanced Robotic Systems, 2020, 17, 172988142093057.	2.1	3
18	Intelligent energy management for hybrid vehicles via drive cycle pattern analysis and fuzzy logic torque distribution. , 2003, , .		2

#	Article	IF	Citations
19	A novel integrated 2-in-1 transformer. , 2015, , .		1
20	High-Frequency Noise Reduction in Mechanical Compartment of a Household Refrigerator via Dynamic Absorber Design. Journal of Vibration Engineering and Technologies, 2021, 9, 477-490.	2.2	1
21	Study on control system design for washer fluid heating system. Journal of the Korea Academia-Industrial Cooperation Society, 2012, 13, 2441-2451.	0.1	1
22	AC-DC Converter using the PFC Inductor and LLC Resonant Transformer with an Integrated Magnetic Core. The Transactions of the Korean Institute of Power Electronics, 2015, 20, 262-272.	0.1	1
23	Experimental approach to performance improvement of Helmholtz resonators under airflow conditions. Noise Control Engineering Journal, 2013, 61, 407-416.	0.3	0
24	An Integrated Transformer-based LED Power Supply with Wide-Output-Voltage Control. The Transactions of the Korean Institute of Power Electronics, 2015, 20, 437-447.	0.1	0
25	Impulse noise reduction of household refrigerators using Tabuchi method. Noise Control Engineering Journal, 2016, 64, 727-736.	0.3	0
26	Creating Robust Passive Multi-Loop Wearable Hand Devices. , 2019, , .		0
27	Towards Relating Grasping Posture and Fingers-Object Curvature in the Vicinity of a Contact Location. Mechanisms and Machine Science, 2020, , 92-105.	0.5	0
28	Numerical Finger Kinematic Models Derived From Virtual Grasping of Various Cylindrical Objects With the Family of Conic Sections. Journal of Mechanisms and Robotics, 2021, 13, .	2.2	0
29	Towards Modeling Finger Joint Coordination forÂNatural Motion. Mechanisms and Machine Science, 2022, , 54-64.	0.5	0