Namdoo Kim

List of Publications by Year
in descending order

16 papers	166 citations	2258059 3 h-index	2272923 4 g-index
17 all docs	17 docs citations	17 times ranked	110 citing authors

#	Article	IF	Citations
1	Explainable AI for a No-Teardown Vehicle Component Cost Estimation: A Top-Down Approach. IEEE Transactions on Artificial Intelligence, 2021, 2, 185-199.	4.7	3
2	A Component-Sizing Methodology for a Hybrid Electric Vehicle Using an Optimization Algorithm. Energies, 2021, 14, 3147.	3.1	7
3	Future Cost Benefits Analysis for Electrified Vehicles from Advances Due to U.S. Department of Energy Targets. World Electric Vehicle Journal, 2021, 12, 84.	3.0	0
4	Human Driver Modeling Based on Analytical Optimal Solutions: Stopping Behaviors at the Intersections. ASME Letters in Dynamic Systems and Control, 2021, 1, .	0.7	3
5	Closed-form solutions for a real-time energy-optimal and collision-free speed planner with limited information. , 2020, , .		10
6	Online Implementation of Optimal Control with Receding Horizon for Eco-Driving of an Electric Vehicle. , 2019, , .		5
7	Development of Vehicle Component Sizing Process Using Optimization Algorithm. , 2017, , .		3
8	Gearshift Calibration for Automatic Transmission Using a Model-Based Optimization Algorithm. , 2017, , .		1
9	Instantaneously Optimized Controller for a Multimode Hybrid Electric Vehicle. , 2010, , .		13
10	Motor Control for Power Variator in a Hybrid Electric Vehicle. , 2007, , .		0
11	Motor-Generator Control of an Electro-mechanical Variable Transmission for a Hybrid Electric Vehicle. , 2006, , .		10
12	Welfare improving tariff changes. Journal of International Economics, 1989, 26, 383-388.	3.0	28
13	Tahoe HEV Model Development in PSAT. , 0, , .		15
14	Impact of Technology on Electric Drive Fuel Consumption and Cost. , 0, , .		8
15	Comparison of Powertrain Configuration Options for Plug-in HEVs from a Fuel Economy Perspective. , 0, , .		14
16	Advanced Automatic Transmission Model Validation Using Dynamometer Test Data. , 0, , .		9