Shunxi Li

List of Publications by Year
in descending order

26 papers	279 citations	932766 10 h-index	940134 16 g-index
26 all docs	26 docs citations	26 times ranked	290 citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic comparison of electrification for heavy-duty trucks in China by 2040. Transportation Research, Part D: Transport and Environment, 2022, 102, 103152.	3.2	20
2	A review of hydrogen-based hybrid renewable energy systems: Simulation and optimization with artificial intelligence. Journal of Physics: Conference Series, 2022, 2208, 012012.	0.3	4
3	Transition of heavy-duty trucks from diesel to hydrogen fuel cells: Opportunities, challenges, and recommendations. International Journal of Energy Research, 2022, 46, 11718-11729.	2.2	13
4	Influence of Material Selection and Product Design on Automotive Vehicle Recyclability. Sustainability, 2021, 13, 3407.	1.6	4
5	Hydrogen Purification Performance Optimization of Vacuum Pressure Swing Adsorption on Different Activated Carbons. Energies, 2021, 14, 2450.	1.6	14
6	High Purity Hydrogen Production by Metal Hydride System: A Parametric Study Based on the Lumped Parameter Model. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 127-135.	0.4	4
7	Research on demand analysis and path planning of mobile hydrogen refueling station. , 2021, , .		1
8	Technical and Economic Analysis of One-Stop Charging Stations for Battery and Fuel Cell EV with Renewable Energy Sources. Energies, 2020, 13, 2855.	1.6	26
9	Machine learning–based optimization for hydrogen purification performance of layered bed pressure swing adsorption. International Journal of Energy Research, 2020, 44, 4475-4492.	2.2	42
10	Identifying the System-related Conditions and Consequences of Power-to-X Solutions for a High Renewables Penetration in Denmark. , 2020, , .		2
11	Policy formulation for highly automated vehicles: Emerging importance, research frontiers and insights. Transportation Research, Part A: Policy and Practice, 2019, 124, 573-586.	2.0	27
12	Addition of hydrogen refueling for fuel cell bus fleet to existing natural gas stations: A case study in Wuhan, China. International Journal of Energy Research, 2019, 43, 7557.	2.2	2
13	Effect of Hydrogen Refueling Parameters on Final State of Charge. Energies, 2019, 12, 645.	1.6	12
14	Online survey data of public subjective well-being on high occupancy vehicle lane in China. Data in Brief, 2017, 15, 862-867.	0.5	1
15	Comparison of the Short-Term Forecasting Accuracy on Battery Electric Vehicle between Modified Bass and Lotka-Volterra Model: A Case Study of China. Journal of Advanced Transportation, 2017, 2017, 1-6.	0.9	3
16	Demonstrations and marketing strategies of hydrogen fuel cell vehicles in China. International Journal of Hydrogen Energy, 2014, 39, 13859-13872.	3.8	52
17	Numerical study of thermal effects in cryo-adsorptive hydrogen storage tank. Journal of Renewable and Sustainable Energy, 2013, 5, 021414.	0.8	4
18	Thermal effect simulation of hydrogen cryo-adsorption storage system. Journal of Renewable and Sustainable Energy, 2013, 5, 021415.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Dynamic Modeling and Simulation of PEM Fuel Cells Based on BP Neural Network. , 2011, , .		3
20	Simulation and Optimization for System Integration of a Solar Thermoelectric Device. Journal of Electronic Materials, 2011, 40, 967-973.	1.0	16
21	A General Model for the Electric Power and Energy Efficiency of a Solar Thermoelectric Generator. Journal of Electronic Materials, 2011, 40, 1238-1243.	1.0	13
22	Dynamic simulation for fuel cell based on distributed and lumped parameter models. , 2011, , .		1
23	Development of measurement and control system for braking torque of wind turbine brake. , 2011, , .		1
24	Structural optimization of two-stage thermoelectric generator for wide temperature range application. , 2011, , .		0
25	Modeling and simulation of PEM fuel cells based on electrochemical model. , 2011, , .		7
26	Computational fluid dynamics model based artificial neural network prediction of flammable vapor clouds formed by liquid hydrogen releases. International Journal of Energy Research, 0, , .	2.2	3