Stuart Galloway

List of Publications by Year
in descending order

22 papers	273 citations	1163117 8 h-index	1199594 12 g-index
22 all docs	22 docs citations	22 times ranked	329 citing authors

#	Article	IF	Citations
1	Incorporating Practice Theory in Sub-Profile Models for Short Term Aggregated Residential Load Forecasting. IEEE Transactions on Smart Grid, 2017, 8, 1591-1598.	9.0	131
2	Design of a DSO–TSO balancing market coordination scheme for decentralised energy. IET Generation, Transmission and Distribution, 2020, 14, 707-718.	2.5	21
3	Comparing Policy Gradient and Value Function Based Reinforcement Learning Methods in Simulated Electrical Power Trade. IEEE Transactions on Power Systems, 2012, 27, 373-380.	6.5	18
4	Reconfigurable Low Voltage Direct Current Charging Networks for Plug-In Electric Vehicles. IEEE Transactions on Smart Grid, 2019, 10, 5458-5467.	9.0	14
5	Statistical profiling of site wind resource speed and directional characteristics. IET Renewable Power Generation, 2013, 7, 583-592.	3.1	12
6	Online AMR Domestic Load Profile Characteristic Change Monitor to Support Ancillary Demand Services. IEEE Transactions on Smart Grid, 2014, 5, 888-895.	9.0	11
7	An Overview of the Technical Challenges Facing the Deployment of Electric Cooking on Hybrid PV/Diesel Mini-Grid in Rural Tanzania—A Case Study Simulation. Energies, 2021, 14, 3761.	3.1	9
8	Accurate localized short term weather prediction for renewables planning. , 2014, , .		8
9	Non-Gaussian Residual Based Short Term Load Forecast Adjustment for Distribution Feeders. IEEE Access, 2020, 8, 10731-10741.	4.2	8
10	Modelling the Costs and Benefits of Modern Energy Cooking Services—Methods and Case Studies. Energies, 2021, 14, 3371.	3.1	8
11	Pricing-Based Distributed Control of Fast EV Charging Stations Operating Under Cold Weather. IEEE Transactions on Transportation Electrification, 2022, 8, 2618-2628.	7.8	8
12	Feasibility Study for a Solar PV Microgrid in Malawi. , 2018, , .		5
13	Sustainable Delivery Models for Achieving SDG7: Lessons from an Energy Services Social Enterprise in Malawi. , 2020, , .		5
14	Multi-objective transmission reinforcement planning approach for analysing future energy scenarios in the Great Britain network. IET Generation, Transmission and Distribution, 2015, 9, 2060-2068.	2.5	4
15	Improving Network Visibility for Better Integration of Low Carbon Technologies into LV Networks. , 2018, , .		4
16	Open source, agent-based energy market simulation with python. , 2009, , .		2
17	Co-location of CHP units for High Power Charging of Battery Electric Vehicles: A comparison of the fuel efficiency for AC and DC coupled systems. , 2017, , .		1
18	Techno-Economic Analysis of PAYG Productive Uses of Energy in Malawi. , 2019, , .		1

#	Article	IF	Citations
19	Optimal design of conductive and inductive charging system for bus rapid transit network. , 2020, , .		1
20	Allocation of the inductive charging system for bus rapid transit network. , 2020, , .		1
21	A Smart eCook Battery-Charging System to Maximize Electric Cooking Capacity on a Hybrid PV/Diesel Mini-Grid. Sustainability, 2022, 14, 1454.	3.2	1
22	Aggregated model of distribution networks with a large number of dispersed induction generators. , 2009, , .		0