Akira Yoshida

List of Publications by Year
in descending order

18	120	1684188 5	1281871 11
papers	citations	h-index	g-index

18	18	18	141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distributed Energy Management for Comprehensive Utilization of Residential Photovoltaic Outputs. IEEE Transactions on Smart Grid, 2018, 9, 1216-1227.	9.0	44
2	Impact of electric battery degradation on cost- and energy-saving characteristics of a residential photovoltaic system. Energy and Buildings, 2016, 124, 265-272.	6.7	20
3	Stochastic receding horizon control minimizing mean-variance with demand forecasting for home EMSs. Energy and Buildings, 2018, 158, 1632-1639.	6.7	13
4	A Comparison of Optimal Operation of a Residential Fuel Cell Co-Generation System Using Clustered Demand Patterns Based on Kullback-Leibler Divergence. Energies, 2013, 6, 374-399.	3.1	9
5	Operational Planning of a Residential Fuel Cell System for Minimizing Expected Operational Costs Based on a Surrogate Model. IEEE Access, 2020, 8, 173983-173998.	4.2	6
6	Economic analysis of a proton exchange membrane electrolyser cell for hydrogen supply scenarios in Japan. Energy, 2022, 251, 123943.	8.8	6
7	Evaluation of coordinated energy management system for grid and home in distribution system with PVs. Journal of International Council on Electrical Engineering, 2016, 6, 126-133.	0.4	4
8	Hot Water Demand Prediction Method for Operational Planning of Residential Fuel Cell System. , 2019, , .		4
9	Energy-Saving Evaluation of SOFC Cogeneration Systems With Solar Cell and Battery. Journal of Fuel Cell Science and Technology, 2014, 11, .	0.8	3
10	Estimation of Expected Cost Curve on Operation Parameter Space for Planning Residential PEFCâ€“CGS. , 2019, , .		3
11	Combinatorial Optimization-based Hierarchical Management of Residential Energy Systems as Virtual Power Plant. , 2020, , .		3
12	Analysis of operation plans of residential PEFCâ€“CGS: a perspective of cost optimality under demand uncertainty. Journal of International Council on Electrical Engineering, 2019, 9, 105-112.	0.4	2
13	Estimation of the utility value of unused heat sources for a CO2 network system in Tokyo. Energy, 2021, 226, 120302.	8.8	2
14	Dealing with uncertainty in automated operational planning for residential fuel cell system: A comparative study of state-of-the-art approaches. Energy and Buildings, 2022, 255, 111614.	6.7	1
15	Energy saving evaluation of PEFC systems with solar cell and battery. Transactions of the JSME (in) Tj ETQq1 1 0.784314 rgBT /Overlo	0.2	0
16	A223 Study on Residential PV-BT System Considering Degradation Characteristic of Electrical Battery. The Proceedings of the National Symposium on Power and Energy Systems, 2013, 2013.18, 235-238.	0.0	0
17	S0840101 Study of Operational Policy in Residential Energy System Considering Comfort. The Proceedings of Mechanical Engineering Congress Japan, 2014, 2014, _S0840101-_S0840101-.	0.0	0
18	ICOPE-15-1025 Effects of a MIP start for solving weekly operational planning problem of a residential energy system. The Proceedings of the International Conference on Power Engineering (ICOPE), 2015, 2015.12, _ICOPE-15-_ICOPE-15-.	0.0	0