

# Akira Yoshida

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7314980/publications.pdf>

Version: 2024-02-01

18  
papers

120  
citations

1684188

5  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Economic analysis of a proton exchange membrane electrolyser cell for hydrogen supply scenarios in Japan. Energy, 2022, 251, 123943.	8.8	6
3	Estimation of the utility value of unused heat sources for a CO2 network system in Tokyo. Energy, 2021, 226, 120302.	8.8	2
4	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
5	Combinatorial Optimization-based Hierarchical Management of Residential Energy Systems as Virtual Power Plant. , 2020, , .		3
6	Estimation of Expected Cost Curve on Operation Parameter Space for Planning Residential PEFCâ€“CGS. , 2019, , .		3
7	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
8	Hot Water Demand Prediction Method for Operational Planning of Residential Fuel Cell System. , 2019, , .		4
9	Stochastic receding horizon control minimizing mean-variance with demand forecasting for home EMSs. Energy and Buildings, 2018, 158, 1632-1639.	6.7	13
10	Distributed Energy Management for Comprehensive Utilization of Residential Photovoltaic Outputs. IEEE Transactions on Smart Grid, 2018, 9, 1216-1227.	9.0	44
11	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
12	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
13	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
14	Energy-Saving Evaluation of SOFC Cogeneration Systems With Solar Cell and Battery. Journal of Fuel Cell Science and Technology, 2014, 11, .	0.8	3
15	Energy saving evaluation of PEFC systems with solar cell and battery. Transactions of the JSME (in) Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overlook	0.2	
16	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
17	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
18	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