Yohei Yamaguchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/858560/publications.pdf

Version: 2024-02-01

45 papers	878 citations	471371 17 h-index	477173 29 g-index
46 all docs	46 docs citations	46 times ranked	873 citing authors

#	Article	IF	Citations
1	Building stock energy modeling considering building system composition and long-term change for climate change mitigation of commercial building stocks. Applied Energy, 2022, 306, 117907.	5.1	18
2	Impact of the pre-simulation process of occupant behaviour modelling for residential energy demand simulations. Journal of Building Performance Simulation, 2022, 15, 287-306.	1.0	4
3	ANALYSIS ON BUILDING ENVELOP AND BUILDING SERVICE EQUIPMENT DESIGN SPECIFICATION USING THE INPUT AND OUTPUT DATA FROM THE CALCULATION PROGRAM TO CONFIRM COMPLIANCE WITH BUILDING ENERGY CODE (PART 2): LOGISTIC REGRESSION-BASED ANALYSIS CONSIDERING BUILDING SIZE AND LOCATION. Journal of Environmental Engineering (Japan), 2022, 87, 448-459.	0.1	0
4	Multi-scale GIS-synthetic hybrid approach for the development of commercial building stock energy model. Applied Energy, 2022, 323, 119536.	5.1	8
5	Corrigendum to â€œUrban building energy modeling considering the heterogeneity of HVAC system stock: A case study on Japanese office building stockâ€•[Energy & Buildings (2019) 547â€“561]. Energy and Buildings, 2020, 207, 109589.	3.1	0
6	Evaluating Japanâ€™s national greenhouse gas reduction policy using a bottom-up residential end-use energy simulation model. Applied Energy, 2020, 279, 115792.	5.1	19
7	Growth of GaN layers using Ga2O vapor synthesized from Ga2O3 and carbon. Journal of Crystal Growth, 2020, 535, 125524.	0.7	3
8	Energy demand science for a decarbonized society in the context of the residential sector. Renewable and Sustainable Energy Reviews, 2020, 132, 110051.	8.2	33
9	A techno-economic sizing method for grid-connected household photovoltaic battery systems. Applied Energy, 2020, 269, 115106.	5.1	86
10	An integrated approach of estimating demand response flexibility of domestic laundry appliances based on household heterogeneity and activities. Energy Policy, 2020, 142, 111467.	4.2	28
11	STUDY OF THE POSSIBILITY OF ZERO-EMISSION BY SIMULATION OF THE RESIDENTIAL ENERGY DEMAND IN 2050. Journal of Environmental Engineering (Japan), 2020, 85, 289-298.	0.1	2
12	Activity-Based Modeling for Integration of Energy Systems for House and Electric Vehicle. Power Electronics and Power Systems, 2020, , 3-25.	0.6	0
13	A cross analysis of existing methods for modelling household appliance use. Journal of Building Performance Simulation, 2019, 12, 160-179.	1.0	22
14	Urban building energy modeling considering the heterogeneity of HVAC system stock: A case study on Japanese office building stock. Energy and Buildings, 2019, 199, 547-561.	3.1	29
15	A practice-theory-based analysis of historical changes in household practices and energy demand: A case study from Japan. Technological Forecasting and Social Change, 2019, 145, 207-218.	6.2	6
16	VERIFICATION OF THE RESIDENTIAL CO₂ EMISSION REDUCTION EXPECTED IN THE LONG-TERM ENERGY SUPPLY AND DEMAND OUTLOOK. Journal of Environmental Engineering (Japan), 2019, 84, 323-333.	0.1	2
17	Versatile Modeling Platform for Cooperative Energy Management Systems in Smart Cities. Proceedings of the IEEE, 2018, 106, 594-612.	16.4	47
18	Energy management for voltage control in a net-zero energy house community considering appliance operation constraints and variety of households. Energy and Buildings, 2017, 147, 188-199.	3.1	13

#	Article	IF	Citations
19	A stochastic model to predict occupantsâ€™ activities at home for community-/urban-scale energy demand modelling. Journal of Building Performance Simulation, 2017, 10, 565-581.	1.0	22
20	Stock modelling of HVAC systems in Japanese commercial building sector using logistic regression. Energy and Buildings, 2017, 152, 458-471.	3.1	17
21	Residential energy end-use model as evaluation tool for residential micro-generation. Applied Thermal Engineering, 2017, 114, 1433-1442.	3.0	16
22	Describing Long-Term Electricity Demand Scenarios in the Telecommunications Industry: A Case Study of Japan. Sustainability, 2016, 8, 52.	1.6	9
23	Dependence of polarity inversion on V/III ratio in â^'c-GaN growth by oxide vapor phase epitaxy. Japanese Journal of Applied Physics, 2016, 55, 05FA11.	0.8	4
24	Improvement of crystallinity of GaN layers grown using Ga₂O vapor synthesized from liquid Ga and H₂O vapor. Japanese Journal of Applied Physics, 2016, 55, 05FB04.	0.8	8
25	Estimation of the contribution of the residential sector to summer peak demand reduction in Japan using an energy end-use simulation model. Energy and Buildings, 2016, 112, 80-92.	3.1	43
26	Evaluation of Response to DR for Residential Customers based on Measured Electricity at Electric Board. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 784-793.	0.1	0
27	ESTIMATION OF RESIDENTIAL ENERGY CONSERVATION EFFECT IN OSAKA PREFECTURE BY IMPLEMENTING THE NEW ENERGY SAVING STANDARD. Journal of Environmental Engineering (Japan), 2015, 80, 159-168.	0.1	0
28	Research and Development Trend of Energy End Use Model. IEEJ Transactions on Power and Energy, 2015, 135, 347-350.	0.1	1
29	Scenario Analysis of Regional Electricity Demand in the Residential and Commercial Sectors â€“ influence of Diffusion of Photovoltaic Systems and Electric Vehicles into Power Grids. Procedia CIRP, 2014, 15, 319-324.	1.0	11
30	Prediction of photovoltaic and solar water heater diffusion and evaluation of promotion policies on the basis of consumersâ€™ choices. Applied Energy, 2013, 102, 1148-1159.	5.1	37
31	Reduction potential of operational carbon dioxide emission of Nakanoshima business/cultural area as a model for low-carbon districts in warm climates. Building and Environment, 2013, 59, 187-202.	3.0	12
32	Evaluation of Effect of Residential Energy Demand Management to Mitigate Voltage Increase in High-Voltage Distribution Line Due To Large-scale Diffusion of PV. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 1873-1883.	0.1	1
33	Per capita energy consumption for living, work, transport and other activities in cities in the Keihanshin Metropolitan Region, Japan. International Journal of Sustainable Building Technology and Urban Development, 2012, 3, 68-76.	1.0	2
34	COMPARISON OF ENERGY CONSUMPTION PER UNIT FLOOR AREA AMONG RETAIL CATEGORIES BASED ON THE DATABASE OF ENERGY CONSUMPTION FOR COMMERCIAL BUILDINGS (DECC). Journal of Environmental Engineering (Japan), 2012, 77, 889-897.	0.1	4
35	DISTRICT ELECTRICITY DEMAND PREDICTION UNDER LARGE DIFFUSION OF PHOTOVOLTAICS AND ENERGY SAVING TECHNOLOGY. Journal of Environmental Engineering (Japan), 2012, 77, 805-811.	0.1	5
36	ESTIMATION OF APROPROATENESS OF AREAS FOR DISTRICT HEATING AND COOLING SYSTEM CONSIDERING THE DISTRIBUTION OF BUILDING HEAT SOURCE SYSTEM. Journal of Environmental Engineering (Japan), 2011, 76, 509-515.	0.1	1

#	Article	IF	Citations
37	Prediction of greenhouse gas reduction potential in Japanese residential sector by residential energy end-use model. Applied Energy, 2010, 87, 1944-1952.	5.1	69
38	City-level energy and CO2 reduction effect by introducing new residential water heaters. Energy, 2010, 35, 4880-4891.	4.5	35
39	District-scale simulation for multi-purpose evaluation of urban energy systems. Journal of Building Performance Simulation, 2010, 3, 289-305.	1.0	24
40	Comparative analysis of socio-economic and environmental performances for Chinese EIPs: case studies in Baotou, Suzhou, and Shanghai. Sustainability Science, 2009, 4, 263-279.	2.5	50
41	ENERGY MODELING OF THE COMMERCIAL SECTOR OF OSAKA CITY AND EVALUATION OF ENERGY SAVING MEASURES CONSIDERING THE STOCK OF BUILDINGS AND BUILDING SYSTEMS. Journal of Environmental Engineering (Japan), 2009, 74, 853-862.	0.1	3
42	Integrated resource management towards a sustainable Asia: policy and strategy evolution in Japan and China. International Journal of Environmental Technology and Management, 2009, 11, 239.	0.1	13
43	Analysis of Land use Changes and Environmental Loads during Urbanization in China. Journal of Asian Architecture and Building Engineering, 2008, 7, 109-115.	1.2	14
44	Transition to a sustainable urban energy system from a long-term perspective: Case study in a Japanese business district. Energy and Buildings, 2007, 39, 1-12.	3.1	48
45	Proposal of a modeling approach considering urban form for evaluation of city level energy management. Energy and Buildings, 2007, 39, 580-592.	3.1	102