Sayaka Kindaichi

List of Publications by Year
in descending order

31	805	932766 10	525886 27
papers	citations	h-index	g-index

31	31	31	655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a design and performance prediction tool for the ground source heat pump system. Applied Thermal Engineering, 2006, 26, 1578-1592.	3.0	139
2	Study of a floor supply air conditioning system using granular phase change material to augment building mass thermal storageâ€"Heat response in small scale experiments. Energy and Buildings, 2006, 38, 436-446.	3.1	138
3	Development of a ventilation system utilizing thermal energy storage for granules containing phase change material. Solar Energy, 2004, 77, 329-338.	2.9	108
4	Thermal characteristics of manganese (II) nitrate hexahydrate as a phase change material for cooling systems. Applied Thermal Engineering, 2003, 23, 229-241.	3.0	94
5	Thermal characteristics of a direct heat exchange system between granules with phase change material and air. Applied Thermal Engineering, 2004, 24, 2131-2144.	3.0	71
6	Method of calculation of the ground temperature for multiple ground heat exchangers. Applied Thermal Engineering, 2008, 28, 1995-2004.	3.0	68
7	Development of thermal-photovoltaic hybrid exterior wallboards incorporating PV cells in and their winter performances. Solar Energy Materials and Solar Cells, 2003, 77, 265-282.	3.0	57
8	Calculation algorithm of the temperatures for pipe arrangement of multiple ground heat exchangers. Applied Thermal Engineering, 2009, 29, 906-919.	3.0	43
9	Analysis of energy consumption of room air conditioners: An approach using individual operation data from field measurements. Applied Thermal Engineering, 2017, 112, 7-14.	3.0	23
10	Potential for using water reservoirs as heat sources in heat pump systems. Applied Thermal Engineering, 2015, 76, 47-53.	3.0	22
11	Simple index for onsite operation management of ground source heat pump systems in cooling-dominant regions. Renewable Energy, 2018, 127, 182-194.	4.3	12
12	STUDY ON THE ENERGY CONSUMPTION OF AGED WELFARE FACILITIES WITH HABITATION IN THE CHUGOKU AND SHIKOKU REGIONS. Journal of Environmental Engineering (Japan), 2014, 79, 459-467.	0.1	4
13	ENERGY PERFORMANCE IN A FLOOR HEATING SYSTEM OF THERMAL ENERGY STORAGE, USING SOLAR DIRECT GAIN AND AIR SOURCE HEAT PUMP. Journal of Environmental Engineering (Japan), 2011, 76, 169-176.	0.1	3
14	THE INFLUENCE OF TOWNSCAPE-IMPROVEMENT ON THE PSYCHOLOGICAL EVALUATION IN SAIJO SAKAGURA AREA. Journal of Environmental Engineering (Japan), 2021, 86, 215-225.	0.1	3
15	A STUDY ON POSSIBILITY OF USING VR SPACE IN DESIGN EDUCATION PART 1: VERIFICATION OF VR SPACE EFFECTIVENESS BY LEARNING EXPERIMENT OF SCALE FEELING. Journal of Environmental Engineering (Japan), 2021, 86, 670-679.	0.1	3
16	STUDY OF THE MOST SUITABLE OPERATION OF GROUND SOURCE HEAT PUMP SYSTEM FOR TOTALLY ELECTRIFIED HEATING AND COOLING SYSTEM. AIJ Journal of Technology and Design, 2009, 15, 823-826.	0.1	2
17	ELECTRIC POWER CONSUMPTION AND OPERATING CHARACTERISTICS OF KITCHEN INSTRUMENTS –Study on the energy consumption of electrified housing in Hiroshima area–. Journal of Environmental Engineering (Japan), 2015, 80, 381-388.	0.1	2
18	Applicability of entrainment law to heat release processes in reservoir-source heat pump systems. Applied Thermal Engineering, 2021, 185, 116428.	3.0	2

#	Article	IF	Citations
19	COMPARING OF ã€ŒPHEâ†'PSEã€•PREDICTING MODEL BASED ON DIFFERENT DATA. Journal of Environmental Engineering (Japan), 2019, 84, 115-125.	0.1	2
20	STUDY ON ENERGY SAVING FLOOR HEATING SYSTEM USING AIR TO WATER HEAT PUMP. Journal of Environmental Engineering (Japan), 2009, 74, 379-387.	0.1	1
21	A STUDY ON THE ENERGY EVALUATION OF THE BUILDING THERMAL MASS STORAGE SYSTEM WITH THE CHILLED WATER STORAGE SYSTEM. Journal of Environmental Engineering (Japan), 2010, 75, 289-295.	0.1	1
22	ANALYSIS ON INFLUENTIAL FACTORS FOR THE ENERGY CONSUMPTION OF HOT WATER SUPPLY IN THE DETACHED HOUSES. Journal of Environmental Engineering (Japan), 2013, 78, 799-807.	0.1	1
23	OPERATING CONDITIONS OF WASHING MACHINES AND CLOTHES DRYERS INSTALLED IN A BATHROOM. Journal of Environmental Engineering (Japan), 2014, 79, 715-723.	0.1	1
24	ENERGY CONSUMPTION AND THE FACTOR ANALYSIS IN A CAFE IN THE CAMPUS. Journal of Environmental Engineering (Japan), 2014, 79, 191-199.	0.1	1
25	ANALYSIS OF AFFECTING FACTORS ON THE ENERGY CONSUMPTION IN DETACHED HOUSES BY THE MULTI-LEVEL MODEL. Journal of Environmental Engineering (Japan), 2014, 79, 383-392.	0.1	1
26	Computational fluid dynamics analysis in the ductless whole-house air conditioning system. E3S Web of Conferences, 2020, 172, 03008.	0.2	1
27	PREDICTING MODELS OF OPENNESS AND COMPLEXITY IN RIVER LANDSCAPE BY PHYSICAL CHARACTERISTICS BASED ON CG PICTURES FROM GIS DATA. Journal of Environmental Engineering (Japan), 2021, 86, 430-440.	0.1	1
28	A STUDY ON THE EFFECTS OF PROVIDING DETAILED INFORMATION ON PERCEPTIONS AND EVALUATIONS IN TOURIST SPOTS. Journal of Environmental Engineering (Japan), 2021, 86, 737-746.	0.1	1
29	RUNNING CHARACTERISTIC OF AIR-CONDITIONER IN LIVING ROOM OF ELECTRIFIED HOUSINGS IN HIROSHIMA AREA. Journal of Environmental Engineering (Japan), 2014, 79, 373-382.	0.1	0
30	FACTOR ANALYSIS ON ELECTRICITY CONSERVATION RATES IN WELFARE FACILITIES. AIJ Journal of Technology and Design, 2016, 22, 645-650.	0.1	0
31	EFFECTS OF OPERATION IMPROVEMENT IN A HEAT SOURCE SYSTEM INSTALLED IN A HOSPITAL FACILITY. Journal of Environmental Engineering (Japan), 2016, 81, 457-465.	0.1	0