

Sayaka Kindaichi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

644
citations

10
h-index

25
g-index

31
ext. papers

731
ext. citations

2.5
avg, IF

3.41
L-index

#	Paper	IF	Citations
31	PREDICTING MODELS OF OPENNESS AND COMPLEXITY IN RIVER LANDSCAPE BY PHYSICAL CHARACTERISTICS BASED ON CG PICTURES FROM GIS DATA. <i>Journal of Environmental Engineering (Japan)</i> , 2021 , 86, 430-440	0.3	0
30	Applicability of entrainment law to heat release processes in reservoir-source heat pump systems. <i>Applied Thermal Engineering</i> , 2021 , 185, 116428	5.8	0
29	THE INFLUENCE OF TOWNSCAPE-IMPROVEMENT ON THE PSYCHOLOGICAL EVALUATION IN SAIJO SAKAGURA AREA. <i>Journal of Environmental Engineering (Japan)</i> , 2021 , 86, 215-225	0.3	1
28	A STUDY ON POSSIBILITY OF USING VR SPACE IN DESIGN EDUCATION PART 1: VERIFICATION OF VR SPACE EFFECTIVENESS BY LEARNING EXPERIMENT OF SCALE FEELING. <i>Journal of Environmental Engineering (Japan)</i> , 2021 , 86, 670-679	0.3	1
27	A STUDY ON THE EFFECTS OF PROVIDING DETAILED INFORMATION ON PERCEPTIONS AND EVALUATIONS IN TOURIST SPOTS. <i>Journal of Environmental Engineering (Japan)</i> , 2021 , 86, 737-746	0.3	
26	Computational fluid dynamics analysis in the ductless whole-house air conditioning system. <i>E3S Web of Conferences</i> , 2020 , 172, 03008	0.5	0
25	COMPARING OF ?PHE-BSE? PREDICTING MODEL BASED ON DIFFERENT DATA. <i>Journal of Environmental Engineering (Japan)</i> , 2019 , 84, 115-125	0.3	1
24	Simple index for onsite operation management of ground source heat pump systems in cooling-dominant regions. <i>Renewable Energy</i> , 2018 , 127, 182-194	8.1	7
23	Analysis of energy consumption of room air conditioners: An approach using individual operation data from field measurements. <i>Applied Thermal Engineering</i> , 2017 , 112, 7-14	5.8	19
22	FACTOR ANALYSIS ON ELECTRICITY CONSERVATION RATES IN WELFARE FACILITIES. <i>AIJ Journal of Technology and Design</i> , 2016 , 22, 645-650	0.2	
21	EFFECTS OF OPERATION IMPROVEMENT IN A HEAT SOURCE SYSTEM INSTALLED IN A HOSPITAL FACILITY. <i>Journal of Environmental Engineering (Japan)</i> , 2016 , 81, 457-465	0.3	
20	ELECTRIC POWER CONSUMPTION AND OPERATING CHARACTERISTICS OF KITCHEN INSTRUMENTS–Study on the energy consumption of electrified housing in Hiroshima area–. <i>Journal of Environmental Engineering (Japan)</i> , 2015 , 80, 381-388	0.3	1
19	Potential for using water reservoirs as heat sources in heat pump systems. <i>Applied Thermal Engineering</i> , 2015 , 76, 47-53	5.8	13
18	OPERATING CONDITIONS OF WASHING MACHINES AND CLOTHES DRYERS INSTALLED IN A BATHROOM. <i>Journal of Environmental Engineering (Japan)</i> , 2014 , 79, 715-723	0.3	0
17	ENERGY CONSUMPTION AND THE FACTOR ANALYSIS IN A CAFE IN THE CAMPUS. <i>Journal of Environmental Engineering (Japan)</i> , 2014 , 79, 191-199	0.3	1
16	RUNNING CHARACTERISTIC OF AIR-CONDITIONER IN LIVING ROOM OF ELECTRIFIED HOUSINGS IN HIROSHIMA AREA. <i>Journal of Environmental Engineering (Japan)</i> , 2014 , 79, 373-382	0.3	
15	ANALYSIS OF AFFECTING FACTORS ON THE ENERGY CONSUMPTION IN DETACHED HOUSES BY THE MULTI-LEVEL MODEL. <i>Journal of Environmental Engineering (Japan)</i> , 2014 , 79, 383-392	0.3	1

14	STUDY ON THE ENERGY CONSUMPTION OF AGED WELFARE FACILITIES WITH HABITATION IN THE CHUGOKU AND SHIKOKU REGIONS. <i>Journal of Environmental Engineering (Japan)</i> , 2014 , 79, 459-467	0.3	4
13	ANALYSIS ON INFLUENTIAL FACTORS FOR THE ENERGY CONSUMPTION OF HOT WATER SUPPLY IN THE DETACHED HOUSES. <i>Journal of Environmental Engineering (Japan)</i> , 2013 , 78, 799-807	0.3	1
12	ENERGY PERFORMANCE IN A FLOOR HEATING SYSTEM OF THERMAL ENERGY STORAGE, USING SOLAR DIRECT GAIN AND AIR SOURCE HEAT PUMP. <i>Journal of Environmental Engineering (Japan)</i> , 2011 , 76, 169-176	0.3	2
11	A STUDY ON THE ENERGY EVALUATION OF THE BUILDING THERMAL MASS STORAGE SYSTEM WITH THE CHILLED WATER STORAGE SYSTEM. <i>Journal of Environmental Engineering (Japan)</i> , 2010 , 75, 289-295	0.3	1
10	Calculation algorithm of the temperatures for pipe arrangement of multiple ground heat exchangers. <i>Applied Thermal Engineering</i> , 2009 , 29, 906-919	5.8	37
9	STUDY OF THE MOST SUITABLE OPERATION OF GROUND SOURCE HEAT PUMP SYSTEM FOR TOTALLY ELECTRIFIED HEATING AND COOLING SYSTEM. <i>AIJ Journal of Technology and Design</i> , 2009 , 15, 823-826	0.2	0
8	STUDY ON ENERGY SAVING FLOOR HEATING SYSTEM USING AIR TO WATER HEAT PUMP. <i>Journal of Environmental Engineering (Japan)</i> , 2009 , 74, 379-387	0.3	
7	Method of calculation of the ground temperature for multiple ground heat exchangers. <i>Applied Thermal Engineering</i> , 2008 , 28, 1995-2004	5.8	60
6	Development of a design and performance prediction tool for the ground source heat pump system. <i>Applied Thermal Engineering</i> , 2006 , 26, 1578-1592	5.8	113
5	Study of a floor supply air conditioning system using granular phase change material to augment building mass thermal storage. Heat response in small scale experiments. <i>Energy and Buildings</i> , 2006 , 38, 436-446	7	115
4	Development of a ventilation system utilizing thermal energy storage for granules containing phase change material. <i>Solar Energy</i> , 2004 , 77, 329-338	6.8	95
3	Thermal characteristics of a direct heat exchange system between granules with phase change material and air. <i>Applied Thermal Engineering</i> , 2004 , 24, 2131-2144	5.8	52
2	Development of thermal-photovoltaic hybrid exterior wallboards incorporating PV cells in and their winter performances. <i>Solar Energy Materials and Solar Cells</i> , 2003 , 77, 265-282	6.4	46
1	Thermal characteristics of manganese (II) nitrate hexahydrate as a phase change material for cooling systems. <i>Applied Thermal Engineering</i> , 2003 , 23, 229-241	5.8	73