

Sayaka Kindaichi

List of Publications by Citations

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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 | Study of a floor supply air conditioning system using granular phase change material to augment building mass thermal storageHeat response in small scale experiments. <i>Energy and Buildings</i> , 2006 , 38, 436-446 | 7 | 115 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | Method of calculation of the ground temperature for multiple ground heat exchangers. <i>Applied Thermal Engineering</i> , 2008 , 28, 1995-2004 | 5.8 | 60 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 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 | Potential for using water reservoirs as heat sources in heat pump systems. <i>Applied Thermal Engineering</i> , 2015 , 76, 47-53 | 5.8 | 13 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |

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| 14 | 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 |
| 13 | COMPARING OF ?PHE-BSE? PREDICTING MODEL BASED ON DIFFERENT DATA. <i>Journal of Environmental Engineering (Japan)</i> , 2019 , 84, 115-125 | 0.3 | 1 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 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 | Computational fluid dynamics analysis in the ductless whole-house air conditioning system. <i>E3S Web of Conferences</i> , 2020 , 172, 03008 | 0.5 | 0 |
| 7 | 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 |
| 6 | 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 |
| 5 | FACTOR ANALYSIS ON ELECTRICITY CONSERVATION RATES IN WELFARE FACILITIES. <i>AIJ Journal of Technology and Design</i> , 2016 , 22, 645-650 | 0.2 | |
| 4 | 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 | |
| 3 | 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 | |
| 2 | 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 | |
| 1 | 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 | |