

# Dorota A Krawczyk

## 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.

48  
papers

224  
citations

8  
h-index

13  
g-index

56  
ext. papers

291  
ext. citations

2.1  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
48	Determination of Physicochemical Water Quality of the Ghis-Nekor Aquifer (Al Hoceima, Morocco) Using Hydrochemistry, Multiple Isotopic Tracers, and the Geographical Information System (GIS). <i>Water (Switzerland)</i> , <b>2022</b> , 14, 606	3	1
47	Experimental Study of a Rotating Electrode Plasma Reactor for Hydrogen Production from Liquid Petroleum Gas Conversion. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 4045	2.6	
46	Investigation of Thermal Bridges of a New High-Performance Window Installation Using 2-D and 3-D Methodology. <i>Buildings</i> , <b>2022</b> , 12, 572	3.2	0
45	The Study of Soil Temperature Distribution for Very Low-Temperature Geothermal Energy Applications in Selected Locations of Temperate and Subtropical Climate. <i>Energies</i> , <b>2022</b> , 15, 3345	3.1	
44	Optimization of the Geometric Parameters of the Thermal Insulation of the Heating System by Using Multi-Pipe Circular Thermal Insulation. <i>Environmental and Climate Technologies</i> , <b>2021</b> , 25, 955-964 <sup>1.5</sup>		
43	Simulation of the Use of Ground and Air Source Heat Pumps in Different Climatic Conditions on the Example of Selected Cities: Warsaw, Madrid, Riga, and Rome. <i>Energies</i> , <b>2021</b> , 14, 6701	3.1	1
42	Development of Renewable Energy Sources in Poland in Light of European Energy Policy. <i>Environmental Sciences Proceedings</i> , <b>2021</b> , 9, 11	1	1
41	Comparison of the Efficiency of Solar Collectors in Terms of the Working Medium Review of Selected Technical Solutions. <i>Environmental Sciences Proceedings</i> , <b>2021</b> , 9, 5	1	2
40	Carbon Dioxide Decomposition by a Parallel-Plate Plasma Reactor: Experiments and 2-D Modelling. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10047	2.6	2
39	Disposal Behavior of Used Masks during the COVID-19 Pandemic in the Moroccan Community: Potential Environmental Impact. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	14
38	Analysis of the Applicability of the Parabolic Trough Solar Thermal Power Plants in the Locations with a Temperate Climate. <i>Energies</i> , <b>2021</b> , 14, 3003	3.1	2
37	Study of the plasma-liquid interaction for an argon nonthermal microwave plasma jet from the analysis of benzene degradation. <i>Plasma Processes and Polymers</i> , <b>2020</b> , 17, 2000030	3.4	3
36	Analysis of the Method of Heating and Cooling of an Office Building. <i>Proceedings (mdpi)</i> , <b>2020</b> , 51, 34	0.3	
35	Examples of the HVAC Systems Modernization in the Existing Schools and Kindergartens. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 809, 012009	0.4	
34	Analysis of the Advisability of Using an Air-Source Heat Pump in a Single Family House in Poland and Spain. <i>Proceedings (mdpi)</i> , <b>2020</b> , 51, 11	0.3	1
33	Evaluation of Primary Energy from Photovoltaics for a Nearly Zero Energy Building (nZEB): A Case Study in Lithuania. <i>Proceedings (mdpi)</i> , <b>2020</b> , 51, 5	0.3	0
32	Analysis of the Advisability of Using Solar Collectors in a Single-Family House in Poland and Spain. <i>Proceedings (mdpi)</i> , <b>2020</b> , 51, 9	0.3	

31	Analysis of Primary Energy Factors from Photovoltaic Systems for a Nearly Zero Energy Building (NZEB): A Case Study in Lithuania. <i>Energies</i> , <b>2020</b> , 13, 4099	3.1	3
30	Experimental verification of the CO2 and temperature model. <i>International Journal of Ventilation</i> , <b>2020</b> , 19, 127-140	1.1	3
29	Efficiency of a solar collector system for the public building depending on its location. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 101-110	5.1	8
28	Carbon Dioxide Emissions during Air, Ground, or Groundwater Heat Pump Performance in Białystok. <i>Sustainability</i> , <b>2019</b> , 11, 5087	3.6	5
27	The Method of Spatial Suitability Assessment for Photovoltaic Development at the Municipality Scale. <i>Proceedings (mdpi)</i> , <b>2019</b> , 16, 54	0.3	
26	Investigation and Evaluation of Primary Energy from Wind Turbines for a Nearly Zero Energy Building (nZEB). <i>Energies</i> , <b>2019</b> , 12, 2145	3.1	2
25	Analysis of solar collectors use in a single family house in Poland and Spain-a case study. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 214, 012045	0.3	2
24	Optimization of Geometric Parameters of Thermal Insulation of Pre-Insulated Double Pipes. <i>Energies</i> , <b>2019</b> , 12, 1012	3.1	7
23	Measurements of carbon dioxide concentration and temperature in dormitory rooms in Poland and Spain – a case study. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 214, 012056	0.3	1
22	Improved Performance of a PV Integrated Ventilated Façade at an Existing nZEB. <i>Proceedings (mdpi)</i> , <b>2019</b> , 16, 22	0.3	
21	Investment Costs of Heating in Poland and Spain – A Case Study. <i>Proceedings (mdpi)</i> , <b>2019</b> , 16, 40	0.3	4
20	The Advisability of Employment of Renewable Energy Sources in DHW Systems in the Kindergarten. <i>Proceedings (mdpi)</i> , <b>2019</b> , 16, 41	0.3	
19	Relative Humidity during Antenatal Classes – A Case Study. <i>Proceedings (mdpi)</i> , <b>2019</b> , 16, 43	0.3	
18	An Evaluation of Primary Energy Factor Values of Wind Turbines. <i>Proceedings (mdpi)</i> , <b>2019</b> , 16, 9	0.3	1
17	Improved Performance of a PV Integrated Ventilated Façade at an Existing nZEB. <i>Energies</i> , <b>2019</b> , 12, 3033	3.1	4
16	Reduction of Heat Losses in a Pre-Insulated Network Located in Central Poland by Lowering the Operating Temperature of the Water and the Use of Egg-shaped Thermal Insulation: A Case Study. <i>Energies</i> , <b>2019</b> , 12, 2104	3.1	5
15	Carbon Dioxide Human Gains – A New Approach of the Estimation. <i>Sustainability</i> , <b>2019</b> , 11, 7128	3.6	3
14	Reduction of Heat Losses Using Quadruple Heating Pre-Insulated Networks: A Case Study. <i>Energies</i> , <b>2019</b> , 12, 4699	3.1	6

13	Usable elements of technical infrastructure around historic architecture in the Old Town of Prague. <i>E3S Web of Conferences</i> , <b>2018</b> , 49, 00033	0.5	
12	Spatial and economic conditions of the solar energy use in single-family houses - a case study. <i>MATEC Web of Conferences</i> , <b>2018</b> , 174, 01038	0.3	1
11	Method for Estimation of CO2 Gains from Persons in Buildings. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1309	0.3	2
10	Effects of Some Geometric Parameters in Energy-Efficient Heat Distribution of Pre-Insulated Double Pipes. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1520	0.3	5
9	Comparison of cooling load and air conditioning systems in a lecture hall located in Poland and Spain. <i>E3S Web of Conferences</i> , <b>2018</b> , 44, 00081	0.5	
8	Analysis of the Solar Collectors Installation on a Roof of the Small Public Building in Poland, Lithuania and Spain – Case Study. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1272	0.3	3
7	Analysis of indoor air parameters in an education building. <i>Energy Procedia</i> , <b>2018</b> , 147, 96-103	2.3	10
6	The analysis of microclimate parameters in the classrooms located in different climate zones. <i>Applied Thermal Engineering</i> , <b>2017</b> , 113, 1088-1096	5.8	12
5	Analysis of Energy Consumption for Heating in a Residential House in Poland. <i>Energy Procedia</i> , <b>2016</b> , 95, 216-222	2.3	22
4	CO2 concentration in naturally ventilated classrooms located in different climates – Measurements and simulations. <i>Energy and Buildings</i> , <b>2016</b> , 129, 491-498	7	38
3	Empirical study on a coefficient of discharge $\Gamma$ from the flexible ducts. <i>Energy and Buildings</i> , <b>2014</b> , 82, 187-193	7	1
2	The possibilities of energy consumption reduction and a maintenance of indoor air quality in doctor's offices located in north-eastern Poland. <i>Energy and Buildings</i> , <b>2014</b> , 85, 235-245	7	20
1	Theoretical and real effect of the school's thermal modernization – A case study. <i>Energy and Buildings</i> , <b>2014</b> , 81, 30-37	7	28