

# MaÅ,gorzata Wilk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/511309/publications.pdf>

Version: 2024-02-01

27  
papers

1,478  
citations

394286

19  
h-index

526166

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermogravimetric study of biomass, sewage sludge and coal combustion. <i>Energy Conversion and Management</i> , 2013, 75, 425-430.	4.4	161
2	Hydrothermal carbonization characteristics of sewage sludge and lignocellulosic biomass. A comparative study. <i>Biomass and Bioenergy</i> , 2019, 120, 166-175.	2.9	152
3	Hydrothermal carbonization, torrefaction and slow pyrolysis of <i>Miscanthus giganteus</i> . <i>Energy</i> , 2017, 140, 1292-1304.	4.5	126
4	Thermal characteristics of the combustion process of biomass and sewage sludge. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 519-529.	2.0	98
5	Characterisation of renewable fuels' torrefaction process with different instrumental techniques. <i>Energy</i> , 2015, 87, 259-269.	4.5	96
6	Mineral phase transformation of biomass ashes – Experimental and thermochemical calculations. <i>Renewable Energy</i> , 2018, 128, 446-459.	4.3	88
7	Properties of ash generated during sewage sludge combustion: A multifaceted analysis. <i>Energy</i> , 2016, 113, 85-94.	4.5	76
8	Pyrolysis of hydrochar derived from biomass – Experimental investigation. <i>Fuel</i> , 2020, 267, 117246.	3.4	74
9	Hydrothermal carbonization process: Fundamentals, main parameter characteristics and possible applications including an effective method of SARS-CoV-2 mitigation in sewage sludge. A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111873.	8.2	63
10	Upgrading of green waste into carbon-rich solid biofuel by hydrothermal carbonization: The effect of process parameters on hydrochar derived from acacia. <i>Energy</i> , 2020, 202, 117717.	4.5	62
11	Combustion and kinetic parameters estimation of torrefied pine, acacia and <i>Miscanthus giganteus</i> using experimental and modelling techniques. <i>Bioresource Technology</i> , 2017, 243, 304-314.	4.8	60
12	Effects of Nordic Walking training on exercise capacity and fitness in men participating in early, short-term inpatient cardiac rehabilitation after an acute coronary syndrome – a controlled trial. <i>Clinical Rehabilitation</i> , 2009, 23, 995-1004.	1.0	59
13	Hydrothermal co-carbonization of sewage sludge and fuel additives: Combustion performance of hydrochar. <i>Renewable Energy</i> , 2021, 178, 1046-1056.	4.3	52
14	A comprehensive investigation of hydrothermal carbonization: Energy potential of hydrochar derived from Virginia mallow. <i>Renewable Energy</i> , 2020, 156, 942-950.	4.3	50
15	Combustion process of torrefied wood biomass. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1339-1349.	2.0	48
16	Carbonisation of wood residue into charcoal during low temperature process. <i>Renewable Energy</i> , 2016, 85, 507-513.	4.3	44
17	Evaluation of the combustion characteristics of raw and torrefied grape pomace in a thermogravimetric analyzer and in a drop tube furnace. <i>Fuel</i> , 2018, 212, 95-100.	3.4	44
18	The effects of hydrothermal carbonization operating parameters on high-value hydrochar derived from beet pulp. <i>Renewable Energy</i> , 2021, 177, 216-228.	4.3	42

#	ARTICLE	IF	CITATIONS
19	Modelling of pollutants concentrations from the biomass combustion process. Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa, 2011, 32, 423-433.	0.7	20
20	Investigation of sewage sludge preparation for combustion process. Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa, 2011, 32, .	0.7	15
21	A novel method of sewage sludge pre-treatment - HTC. E3S Web of Conferences, 2016, 10, 00103.	0.2	15
22	Modification of a micellar system for amino acid separation by MEK – Application for amino acid profiling in formulations for parenteral use. Talanta, 2010, 83, 513-520.	2.9	9
23	Syngas as a Reburning Fuel for Natural Gas Combustion. Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa, 2014, 35, 181-190.	0.7	9
24	Capillary electrophoresis with indirect UV detection for the determination of stabilizers and citrates present in human albumin solutions. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 90-95.	1.4	7
25	The Utilisation of Solid Fuels Derived from Waste Pistachio Shells in Direct Carbon Solid Oxide Fuel Cells. Materials, 2021, 14, 6755.	1.3	6
26	The Chemical-Looping Combustion of Propane with Iron (III) Oxide as an Oxygen Carrier. Combustion Science and Technology, 2016, 188, 953-967.	1.2	1
27	REHABILITACJA The importance and effectiveness of walking training in cardiac rehabilitation with special regard to patients after cardiac surgery. Kardiochirurgia I Torakochirurgia Polska, 2012, 4, 481-485.	0.1	0