

Spiru Paraschiv

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

571
citations

686830

13
h-index

752256

20
g-index

26
all docs

26
docs citations

26
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends of carbon dioxide (CO ₂) emissions from fossil fuels combustion (coal, gas and oil) in the EU member states from 1960 to 2018. Energy Reports, 2020, 6, 237-242.	2.5	99
2	A review on interactions between energy performance of the buildings, outdoor air pollution and the indoor air quality. Energy Procedia, 2017, 128, 179-186.	1.8	63
3	Increasing the energy efficiency of buildings by thermal insulation. Energy Procedia, 2017, 128, 393-399.	1.8	62
4	Calculation of combustion air required for burning solid fuels (coal / biomass / solid waste) and analysis of flue gas composition. Energy Reports, 2020, 6, 36-45.	2.5	51
5	Assessment of wind energy potential based on Weibull and Rayleigh distribution models. Energy Reports, 2020, 6, 250-267.	2.5	48
6	Economic and Environmental Analysis of Investing in Solar Water Heating Systems. Sustainability, 2016, 8, 1286.	1.6	36
7	Analysis of traffic and industrial source contributions to ambient air pollution with nitrogen dioxide in two urban areas in Romania. Energy Procedia, 2019, 157, 1553-1560.	1.8	31
8	Technical and economic analysis of a solar air heating system integration in a residential building wall to increase energy efficiency by solar heat gain and thermal insulation. Energy Reports, 2020, 6, 459-474.	2.5	28
9	Increasing the energy efficiency of a building by thermal insulation to reduce the thermal load of the micro-combined cooling, heating and power system. Energy Reports, 2021, 7, 286-298.	2.5	23
10	Technical and economical analysis of a PV/wind/diesel hybrid power system for a remote area. Energy Procedia, 2018, 147, 343-350.	1.8	21
11	OMI and Ground-Based In-Situ Tropospheric Nitrogen Dioxide Observations over Several Important European Cities during 2005â€“2014. International Journal of Environmental Research and Public Health, 2017, 14, 1415.	1.2	20
12	Investigation of wind power density distribution using Rayleigh probability density function. Energy Procedia, 2019, 157, 1546-1552.	1.8	20
13	Influence of NO ₂ , NO and meteorological conditions on the tropospheric O ₃ concentration at an industrial station. Energy Reports, 2020, 6, 231-236.	2.5	16
14	A web application for analysis of heat transfer through building walls and calculation of optimal insulation thickness. Energy Reports, 2020, 6, 343-353.	2.5	14
15	Assessment of onshore wind energy potential under temperate continental climate conditions. Energy Reports, 2022, 8, 251-258.	2.5	13
16	EXPERIMENTAL AND THEORETICAL ANALYSES ON THERMAL PERFORMANCE OF A SOLAR AIR COLLECTOR. Environmental Engineering and Management Journal, 2014, 13, 1965-1970.	0.2	10
17	Mathematical modelling of sawdust drying process for biomass pelleting. Energy Procedia, 2017, 141, 150-154.	1.8	9
18	THERMODYNAMIC PERFORMANCE FOR THE SOLAR COLLECTOR OF A MICRO-COMBINED COOLING, HEATING AND POWER SYSTEM. Environmental Engineering and Management Journal, 2011, 10, 1311-1317.	0.2	4

#	ARTICLE	IF	CITATIONS
19	A web application to calculate the mass defect and nuclear binding energy per nucleon. Energy Reports, 2022, 8, 342-350.	2.5	2
20	Effects of wind speed, relative humidity, temperature and air pressure on PM10 concentration for an urban background area. IOP Conference Series: Materials Science and Engineering, 2019, 595, 012059.	0.3	1
21	Improving local air quality in cities by reducing nitrogen dioxide pollution from road traffic. E3S Web of Conferences, 2019, 122, 05002.	0.2	0
22	Simulation of plume dispersion emitted from industrial sources based on Gaussian model. AIP Conference Proceedings, 2019, , .	0.3	0
23	Renewable Energy Sources for the mCCHP-SE-RES Systems. Green Energy and Technology, 2015, , 91-131.	0.4	0
24	ASSESSMENT OF ATMOSPHERIC POLLUTION WITH NO2 AND ITS TREND DUE TO URBAN TRAFFIC IN GALATI, ROMANIA. , 2017, , .		0
25	ANALYSIS OF TEMPORAL VARIATION OF NO2 CONCENTRATIONS IN AN URBAN AREA. , 2018, , .		0
26	THE ROLE OF NO2 IN OZONE FORMATION CHEMISTRY IN THE POLLUTED URBAN TROPOSPHERE. , 2019, , .		0