

Walter Haslinger

List of Publications by Year in descending order

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26
papers

498
citations

759233

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713466

21
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27
all docs

27
docs citations

27
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of a pellet boiler fired with agricultural fuels. <i>Applied Energy</i> , 2013, 104, 286-296.	10.1	132
2	Techno-economic study of a heat pump enhanced flue gas heat recovery for biomass boilers. <i>Biomass and Bioenergy</i> , 2014, 71, 12-22.	5.7	54
3	Efficiency and operational behaviour of small-scale pellet boilers installed in residential buildings. <i>Applied Energy</i> , 2015, 155, 854-865.	10.1	32
4	Determination of off-gassing and self-heating potential of wood pellets – Method comparison and correlation analysis. <i>Fuel</i> , 2018, 234, 894-903.	6.4	24
5	Investigation of user behavior and assessment of typical operation mode for different types of firewood room heating appliances in Austria. <i>Renewable Energy</i> , 2016, 93, 245-254.	8.9	22
6	Implementation of a firebed cooling device and its influence on emissions and combustion parameters at a residential wood pellet boiler. <i>Applied Energy</i> , 2015, 159, 310-316.	10.1	21
7	Experimental validation of a thermodynamic boiler model under steady state and dynamic conditions. <i>Applied Energy</i> , 2015, 138, 505-516.	10.1	20
8	Small-Scale Pellet Boiler with Thermoelectric Generator. , 2006, , .		19
9	On-site monitoring and dynamic simulation of a low energy house heated by a pellet boiler. <i>Energy and Buildings</i> , 2016, 116, 296-306.	6.7	19
10	Catalytic efficiency of oxidizing honeycomb catalysts integrated in firewood stoves evaluated by a novel measuring methodology under real-life operating conditions. <i>Renewable Energy</i> , 2018, 117, 300-313.	8.9	16
11	Off-gassing reduction of stored wood pellets by adding acetylsalicylic acid. <i>Fuel Processing Technology</i> , 2020, 198, 106218.	7.2	16
12	Emission characterization of modern wood stoves under real-life oriented operating conditions. <i>Atmospheric Environment</i> , 2018, 192, 257-266.	4.1	14
13	Influence of firebed temperature on inorganic particle emissions in a residential wood pellet boiler. <i>Atmospheric Environment</i> , 2016, 136, 61-67.	4.1	13
14	Effect of draught conditions and ignition technique on combustion performance of firewood roomheaters. <i>Renewable Energy</i> , 2017, 105, 547-560.	8.9	13
15	Prediction of slag related problems during fixed bed combustion of biomass by application of a multivariate statistical approach on fuel properties and burner technology. <i>Biomass and Bioenergy</i> , 2020, 137, 105557.	5.7	12
16	Impact of oxidizing honeycomb catalysts integrated in firewood stoves on emissions under real-life operating conditions. <i>Fuel Processing Technology</i> , 2018, 177, 109-118.	7.2	10
17	Influence of a Direct Firebed Cooling in a Residential Wood Pellet Boiler with an Ash-Rich Fuel on the Combustion Process and Emissions. <i>Energy & Fuels</i> , 2016, 30, 9900-9907.	5.1	9
18	Effect of Oxidizing Honeycomb Catalysts Integrated in a Firewood Room Heater on Gaseous and Particulate Emissions, Including Polycyclic Aromatic Hydrocarbons (PAHs). <i>Energy & Fuels</i> , 2018, 32, 11876-11886.	5.1	9

#	ARTICLE	IF	CITATIONS
19	Development of a compact technique to measure benzo(a)pyrene emissions from residential wood combustion, and subsequent testing in six modern wood boilers. Biomass and Bioenergy, 2018, 111, 288-300.	5.7	8
20	Ventilation of Carbon Monoxide from a Biomass Pellet Storage Tank – A Study of the Effects of Variation of Temperature and Cross-ventilation on the Efficiency of Natural Ventilation. Annals of Occupational Hygiene, 2014, 59, 79-90.	1.9	7
21	Influence of Oxygen Availability on off-Gassing Rates of Emissions from Stored Wood Pellets. Energy & Fuels, 0, , .	5.1	7
22	Novel Method Evaluating Real-Life Performance of Firewood Roomheaters in Europe. Energy & Fuels, 2018, 32, 1874-1883.	5.1	7
23	Long term durability and safety aspects of oxidizing honeycomb catalysts integrated in firewood stoves. Biomass and Bioenergy, 2017, 105, 428-442.	5.7	6
24	Development of a biomass heating device for low energy and passive houses. Management of Environmental Quality, 2013, 24, 652-666.	4.3	5
25	REAL-LIFE EMISSION FACTOR ASSESSMENT FOR BIOMASS HEATING APPLIANCES AT A FIELD MEASUREMENT CAMPAIGN IN STYRIA, AUSTRIA. , 2019, , .		2
26	EMISSION FACTOR ASSESSMENT FOR TWO FIREWOOD STOVES. , 2017, , .		1