

Aleksandar R MiliÄeviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

161
citations

1478505

6
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleate pool boiling heat transfer: Review of models and bubble dynamics parameters. <i>Thermal Science</i> , 2022, 26, 157-174.	1.1	2
2	Numerical study of co-firing lignite and agricultural biomass in utility boiler under variable operation conditions. <i>International Journal of Heat and Mass Transfer</i> , 2021, 181, 121728.	4.8	21
3	New application method of the zonal model for simulations of pulverized coal-fired furnaces based on correction of total exchange areas. <i>International Journal of Heat and Mass Transfer</i> , 2020, 149, 119192.	4.8	4
4	Mathematical modelling and optimisation of lignite and wheat straw co-combustion in 350 MWe boiler furnace. <i>Applied Energy</i> , 2020, 260, 114206.	10.1	21
5	Prediction of calcination and sulphation along the sorbent particle trajectories for desulphurisation in coal-fired furnace. <i>International Journal of Global Warming</i> , 2020, 22, 459.	0.5	0
6	Full-scale CFD investigation of gas-particle flow, interactions and combustion in tangentially fired pulverized coal furnace. <i>Energy</i> , 2019, 179, 1036-1053.	8.8	27
7	Numerical modeling of in-furnace sulfur removal by sorbent injection during pulverized lignite combustion. <i>International Journal of Heat and Mass Transfer</i> , 2019, 128, 98-114.	4.8	4
8	Fetal chromosomal anomalies in southeast Serbia - single center cohort retrospective study. <i>Genetika</i> , 2019, 51, 157-166.	0.4	0
9	DETERMINATION OF THE WALL VARIABLES WITHIN THE ZONAL MODEL OF RADIATION INSIDE A PULVERIZED COAL-FIRED FURNACE. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2018, 16, 219.	4.6	1
10	Development of mathematical model for co-firing pulverized coal and biomass in experimental furnace. <i>Thermal Science</i> , 2018, 22, 709-719.	1.1	8
11	Calcium based sorbent calcination and sintering reaction models overview. <i>Hemijaska Industrija</i> , 2018, 72, 329-339.	0.7	0
12	Weighted sum of gray gases model optimization for numerical investigations of processes inside pulverized coal-fired furnaces. <i>Journal of Thermal Science</i> , 2017, 26, 552-559.	1.9	4
13	Specific aspects of turbulent flow in rectangular ducts. <i>Thermal Science</i> , 2017, 21, 663-678.	1.1	8
14	Numerical tracking of sorbent particles and distribution during gas desulfurization in pulverized coal-fired furnace. <i>Thermal Science</i> , 2017, 21, 759-769.	1.1	2
15	Modeling of pulverized coal combustion for in-furnace NOx reduction and flame control. <i>Thermal Science</i> , 2017, 21, 597-615.	1.1	4
16	Numerical study of pulverized coal-fired utility boiler over a wide range of operating conditions for in-furnace SO ₂ /NO _x reduction. <i>Applied Thermal Engineering</i> , 2016, 94, 657-669.	6.0	43
17	Influence of the gray gases number in the weighted sum of gray gases model on the radiative heat exchange calculation inside pulverized coal-fired furnaces. <i>Thermal Science</i> , 2016, 20, 197-206.	1.1	1
18	Modeling and optimization of processes for clean and efficient pulverized coal combustion in utility boilers. <i>Thermal Science</i> , 2016, 20, 183-196.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Derivation of transport equations for three-dimensional non-isothermal turbulent flow in cylindrical coordinates. Termotehnika, 2016, 42, 1-24.	0.0	0
20	Modeling of calcium-based sorbent reactions with sulfur dioxide. Journal of the Serbian Chemical Society, 2015, 80, 549-562.	0.8	4
21	The dynamics of change in decision making under risk. Psihologija, 2007, 40, 147-164.	0.6	3