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List of Publications by Year
in descending order

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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	Numerical study of pulverized coal-fired utility boiler over a wide range of operating conditions for in-furnace SO2/NOx reduction. Applied Thermal Engineering, 2016, 94, 657-669.	6.0	43
2	Full-scale CFD investigation of gas-particle flow, interactions and combustion in tangentially fired pulverized coal furnace. Energy, 2019, 179, 1036-1053.	8.8	27
3	Mathematical modelling and optimisation of lignite and wheat straw co-combustion in 350 MWe boiler furnace. Applied Energy, 2020, 260, 114206.	10.1	21
4	Numerical study of co-firing lignite and agricultural biomass in utility boiler under variable operation conditions. International Journal of Heat and Mass Transfer, 2021, 181, 121728.	4.8	21
5	Specific aspects of turbulent flow in rectangular ducts. Thermal Science, 2017, 21, 663-678.	1.1	8
6	Development of mathematical model for co-firing pulverized coal and biomass in experimental furnace. Thermal Science, 2018, 22, 709-719.	1.1	8
7	Modeling of calcium-based sorbent reactions with sulfur dioxide. Journal of the Serbian Chemical Society, 2015, 80, 549-562.	0.8	4
8	Weighted sum of gray gases model optimization for numerical investigations of processes inside pulverized coal-fired furnaces. Journal of Thermal Science, 2017, 26, 552-559.	1.9	4
9	Numerical modeling of in-furnace sulfur removal by sorbent injection during pulverized lignite combustion. International Journal of Heat and Mass Transfer, 2019, 128, 98-114.	4.8	4
10	New application method of the zonal model for simulations of pulverized coal-fired furnaces based on correction of total exchange areas. International Journal of Heat and Mass Transfer, 2020, 149, 119192.	4.8	4
11	Modeling and optimization of processes for clean and efficient pulverized coal combustion in utility boilers. Thermal Science, 2016, 20, 183-196.	1.1	4
12	Modeling of pulverized coal combustion for in-furnace NOx reduction and flame control. Thermal Science, 2017, 21, 597-615.	1.1	4
13	The dynamics of change in decision making under risk. Psihologija, 2007, 40, 147-164.	0.6	3
14	Nucleate pool boiling heat transfer: Review of models and bubble dynamics parameters. Thermal Science, 2022, 26, 157-174.	1.1	2
15	Numerical tracking of sorbent particles and distribution during gas desulfurization in pulverized coal-fired furnace. Thermal Science, 2017, 21, 759-769.	1.1	2
16	DETERMINATION OF THE WALL VARIABLES WITHIN THE ZONAL MODEL OF RADIATION INSIDE A PULVERIZED COAL-FIRED FURNACE. Facta Universitatis, Series: Mechanical Engineering, 2018, 16, 219.	4.6	1
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. Thermal Science, 2016, 20, 197-206.	1.1	1
18	Derivation of transport equations for three-dimensional non-isothermal turbulent flow in cylindrical coordinates. Termotehnika, 2016, 42, 1-24.	0.0	0

#	Article	IF	Citations
19	Calcium based sorbent calcination and sintering reaction models overview. Hemijska Industrija, 2018, 72, 329-339.	0.7	0
20	Fetal chromosomal anomalies in southeast Serbia - single center cohort retrospective study. Genetika, 2019, 51, 157-166.	0.4	0
21	Prediction of calcination and sulphation along the sorbent particle trajectories for desulphurisation in coal-fired furnace. International Journal of Global Warming, 2020, 22, 459.	0.5	0