

Maria Luiza Sperb Indrusiak

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

170
citations

1307594

7
h-index

1199594

12
g-index

23
all docs

23
docs citations

23
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	On the nature of flow patterns and pressure drop fluctuations during flow boiling. International Journal of Multiphase Flow, 2021, 144, 103793.	3.4	5
2	Biodiesel oil pool fire under air crossflow conditions: Burning rate, flame geometric parameters and temperatures. International Journal of Heat and Mass Transfer, 2020, 149, 119164.	4.8	19
3	Fluidization of binary mixtures of biomass and coal with sand: an experimental study. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	1
4	Cofiring low-rank coal and biomass in a bubbling fluidized bed with varying excess air ratio and fluidization velocity. Energy, 2020, 203, 117882.	8.8	22
5	Nonlinear analysis of characteristic frequencies and chaotic behavior of flow patterns during flow boiling of hydrocarbons in a small channel. International Journal of Multiphase Flow, 2019, 114, 240-257.	3.4	3
6	Burning rate, flame geometry and temperature of convection-controlled circular diesel oil pool fire under air crossflow conditions. Journal of Hazardous Materials, 2019, 368, 560-568.	12.4	21
7	Numerical study of gas-solid drag models in a bubbling fluidized bed. Particulate Science and Technology, 2018, 36, 1-10.	2.1	16
8	Numerical Simulation of Fire in a Gasoline Storage Tank in Reduced-Scale. Defect and Diffusion Forum, 2017, 372, 11-20.	0.4	0
9	WAVELET ANALYSIS CONSIDERATIONS FOR EXPERIMENTAL NONSTATIONARY FLOW PHENOMENA. Revista De Engenharia e Tecnologia, 2016, 15, 67.	0.2	2
10	L valve study through dimensionless numbers. Ingegneria, 2016, 24, 60-65.	0.3	0
11	Numerical study of circulating fluidized beds built using Glicksman's simplified and full sets of scaling parameters. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 2085-2096.	1.6	3
12	EXPERIMENTAL ANALYSIS OF GEOMETRY AND TEMPERATURE IN LAB-SCALE DIESEL POOL FIRES UNDER CROSSWIND CONDITIONS. , 2016, , .		0
13	NUMERICAL SIMULATION OF OXY-FUEL AND CO-FIRING PROCESS OF COAL AND BIOMASS IN A REAL SCALE BOILER. , 2016, , .		0
14	Modelagem e estudo de rendimento termodinâmico de ciclos combinados de geração termoelétrica. Revista Liberato, 2015, 16, 07-20.	0.1	0
15	Wavelet analysis of unsteady flows: Application on the determination of the Strouhal number of the transient wake behind a single cylinder. Experimental Thermal and Fluid Science, 2011, 35, 319-327.	2.7	28
16	Experimental study of the characteristics of the flow in the first rows of tube banks. Nuclear Engineering and Design, 2009, 239, 2022-2034.	1.7	26
17	Wavelet time-frequency analysis of accelerating and decelerating flows in a tube bank. Nuclear Engineering and Design, 2005, 235, 1875-1887.	1.7	21
18	Escoamento turbulento na saída de um duto curvo de seção retangular divergente: estudo experimental. Revista Brasileira De Ciências Mecânicas/Journal of the Brazilian Society of Mechanical Sciences, 1999, 21, 548-558.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Feasibility study of concentrated solar energy integration on a combined cycle. , 0, , .		0
20	Spectral analysis of pressure fluctuations procuced by numerical simulations of a fluidized bed. , 0, , .		0
21	CFD ANALYSIS OF THE CO-FIRING PROCESS OF COAL AND WOODY BIOMASS IN A REAL BOILER OF 160 MW POWER PLANT. , 0, , .		0
22	Bancada de leito fluidizado borbulhante para combustÃ£o combinada de carvÃ£o mineral brasileiro e biomassas: projeto e execuÃ§Ã£o.. , 0, , .		3
23	ValidaÃ§Ã£o da modelagem computacional para queima de carvÃ£o. , 0, , .		0