

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	Wavelet analysis of unsteady flows: Application on the determination of the Strouhal number of the transient wake behind a single cylinder. <i>Experimental Thermal and Fluid Science</i> , 2011, 35, 319-327.	2.7	28
2	Experimental study of the characteristics of the flow in the first rows of tube banks. <i>Nuclear Engineering and Design</i> , 2009, 239, 2022-2034.	1.7	26
3	Cofiring low-rank coal and biomass in a bubbling fluidized bed with varying excess air ratio and fluidization velocity. <i>Energy</i> , 2020, 203, 117882.	8.8	22
4	Wavelet time-frequency analysis of accelerating and decelerating flows in a tube bank. <i>Nuclear Engineering and Design</i> , 2005, 235, 1875-1887.	1.7	21
5	Burning rate, flame geometry and temperature of convection-controlled circular diesel oil pool fire under air crossflow conditions. <i>Journal of Hazardous Materials</i> , 2019, 368, 560-568.	12.4	21
6	Biodiesel oil pool fire under air crossflow conditions: Burning rate, flame geometric parameters and temperatures. <i>International Journal of Heat and Mass Transfer</i> , 2020, 149, 119164.	4.8	19
7	Numerical study of gas-solid drag models in a bubbling fluidized bed. <i>Particulate Science and Technology</i> , 2018, 36, 1-10.	2.1	16
8	On the nature of flow patterns and pressure drop fluctuations during flow boiling. <i>International Journal of Multiphase Flow</i> , 2021, 144, 103793.	3.4	5
9	Numerical study of circulating fluidized beds built using Glicksman's simplified and full sets of scaling parameters. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016, 38, 2085-2096.	1.6	3
10	Nonlinear analysis of characteristic frequencies and chaotic behavior of flow patterns during flow boiling of hydrocarbons in a small channel. <i>International Journal of Multiphase Flow</i> , 2019, 114, 240-257.	3.4	3
11	Bancada de leito fluidizado borbulhante para combusto combinada de carvo mineral brasileiro e biomassas: projeto e execuo. , 0, , .		3
12	WAVELET ANALYSIS CONSIDERATIONS FOR EXPERIMENTAL NONSTATIONARY FLOW PHENOMENA. <i>Revista De Engenharia Tmica</i> , 2016, 15, 67.	0.2	2
13	Fluidization of binary mixtures of biomass and coal with sand: an experimental study. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	1
14	L valve study through dimensionless numbers. <i>Ingeniare</i> , 2016, 24, 60-65.	0.3	0
15	Numerical Simulation of Fire in a Gasoline Storage Tank in Reduced-Scale. <i>Defect and Diffusion Forum</i> , 2017, 372, 11-20.	0.4	0
16	Escoamento turbulento na sada de um duto curvo de seo retangular divergente: estudo experimental. <i>Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences</i> , 1999, 21, 548-558.	0.1	0
17	Feasibility study of concentrated solar energy integration on a combined cycle. , 0, , .		0
18	Spectral analysis of pressure fluctuations procuced by numerical simulations of a fluidized bed. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Modelagem e estudo de rendimento termodinâmico de ciclos combinados de geração termelétrica. Revista Liberato, 2015, 16, 07-20.	0.1	0
20	CFD ANALYSIS OF THE CO-FIRING PROCESS OF COAL AND WOODY BIOMASS IN A REAL BOILER OF 160 MW POWER PLANT. , 0, , .		0
21	EXPERIMENTAL ANALYSIS OF GEOMETRY AND TEMPERATURE IN LAB-SCALE DIESEL POOL FIRES UNDER CROSSWIND CONDITIONS. , 2016, , .		0
22	NUMERICAL SIMULATION OF OXY-FUEL AND CO-FIRING PROCESS OF COAL AND BIOMASS IN A REAL SCALE BOILER. , 2016, , .		0
23	Validação da modelagem computacional para queima de carvão. , 0, , .		0