

Magdalena Jaremkiewicz

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

291
citations

840776

11
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical-numerical method for calculating cross-flow tube heat exchangers considering temperature-dependent fluid heat capacities. <i>International Journal of Heat and Mass Transfer</i> , 2022, 183, 122202.	4.8	4
2	Control of the temperature in the hot liquid tank by using a digital PID controller considering the random errors of the thermometer indications. <i>Energy</i> , 2022, 239, 122771.	8.8	12
3	Influence of the Thermometer Inertia on the Quality of Temperature Control in a Hot Liquid Tank Heated with Electric Energy. <i>Energies</i> , 2020, 13, 4039.	3.1	8
4	Online Determining Heat Transfer Coefficient for Monitoring Transient Thermal Stresses. <i>Energies</i> , 2020, 13, 704.	3.1	10
5	Allowable Rates of Fluid Temperature Variations and Thermal Stress Monitoring in Pressure Elements of Supercritical Boilers. <i>Heat Transfer Engineering</i> , 2019, 40, 1430-1441.	1.9	7
6	The use of a solution of the inverse heat conduction problem to monitor thermal stresses. <i>E3S Web of Conferences</i> , 2019, 108, 01003.	0.5	0
7	Monitoring of transient thermal stresses in pressure components of steam boilers using an innovative technique for measuring the fluid temperature. <i>Energy</i> , 2019, 175, 139-150.	8.8	15
8	Mathematical model of a supercritical power boiler for simulating rapid changes in boiler thermal loading. <i>Energy</i> , 2019, 175, 580-592.	8.8	41
9	Determination of Transient Fluid Temperature and Thermal Stresses in Pressure Thick-Walled Elements Using a New Design Thermometer. <i>Energies</i> , 2019, 12, 222.	3.1	15
10	Thermal stress monitoring in thick walled pressure components of steam boilers. <i>Energy</i> , 2019, 175, 645-666.	8.8	29
11	Monitoring of transient 3D temperature distribution and thermal stress in pressure elements based on the wall temperature measurement. <i>Journal of Thermal Stresses</i> , 2019, 42, 698-724.	2.0	11
12	Identification of three-dimensional transient temperature fields in thick-walled elements using the inverse method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2018, 28, 138-150.	2.8	4
13	Measurement of Transient Fluid Temperature in a Pipeline. <i>Heat Transfer Engineering</i> , 2018, 39, 1227-1234.	1.9	17
14	Thermal stress monitoring in thick-walled pressure components based on the solutions of the inverse heat conduction problems. <i>Journal of Thermal Stresses</i> , 2018, 41, 1501-1524.	2.0	9
15	Accurate measurement of unsteady state fluid temperature. <i>Heat and Mass Transfer</i> , 2017, 53, 887-897.	2.1	14
16	Determination of transient temperature fields in thick-walled elements using the inverse method. <i>E3S Web of Conferences</i> , 2017, 13, 02007.	0.5	0
17	Measurement of Transient Fluid Temperature in the Heat Exchangers. , 2017, , .		0
18	Thermal Performance and Stress Monitoring of Power Boiler. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Measurement Technique of Transient Fluid Temperature in a Pipeline. Procedia Engineering, 2016, 157, 58-65.	1.2	2
20	Simple method for monitoring transient thermal stresses in pipelines. Journal of Thermal Stresses, 2016, 39, 386-397.	2.0	31
21	Measurement of transient fluid temperature. International Journal of Thermal Sciences, 2015, 87, 241-250.	4.9	23
22	Determination of transient fluid temperature using the inverse method. Archives of Thermodynamics, 2014, 35, 61-76.	1.0	2
23	Method of Lines in Heat Conduction. , 2014, , 2990-2997.		2
24	Reduction of dynamic error in measurements of transient fluid temperature. Archives of Thermodynamics, 2011, 32, 55-66.	1.0	8
25	Measuring transient temperature of the medium in power engineering machines and installations. Applied Thermal Engineering, 2009, 29, 3374-3379.	6.0	22
26	Inverse Space Marching Method for Determining Temperature and Stress Distributions in Pressure Components. , 0, , .		5