Magdalena Jaremkiewicz

List of Publications by Year
in descending order

26	291	840776 11	888059 17
papers	citations	h-index	g-index

26	26	26	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mathematical model of a supercritical power boiler for simulating rapid changes in boiler thermal loading. Energy, 2019, 175, 580-592.	8.8	41
2	Simple method for monitoring transient thermal stresses in pipelines. Journal of Thermal Stresses, 2016, 39, 386-397.	2.0	31
3	Thermal stress monitoring in thick walled pressure components of steam boilers. Energy, 2019, 175, 645-666.	8.8	29
4	Measurement of transient fluid temperature. International Journal of Thermal Sciences, 2015, 87, 241-250.	4.9	23
5	Measuring transient temperature of the medium in power engineering machines and installations. Applied Thermal Engineering, 2009, 29, 3374-3379.	6.0	22
6	Measurement of Transient Fluid Temperature in a Pipeline. Heat Transfer Engineering, 2018, 39, 1227-1234.	1.9	17
7	Monitoring of transient thermal stresses in pressure components of steam boilers using an innovative technique for measuring the fluid temperature. Energy, 2019, 175, 139-150.	8.8	15
8	Determination of Transient Fluid Temperature and Thermal Stresses in Pressure Thick-Walled Elements Using a New Design Thermometer. Energies, 2019, 12, 222.	3.1	15
9	Accurate measurement of unsteady state fluid temperature. Heat and Mass Transfer, 2017, 53, 887-897.	2.1	14
10	Control of the temperature in the hot liquid tank by using a digital PID controller considering the random errors of the thermometer indications. Energy, 2022, 239, 122771.	8.8	12
11	Monitoring of transient 3D temperature distribution and thermal stress in pressure elements based on the wall temperature measurement. Journal of Thermal Stresses, 2019, 42, 698-724.	2.0	11
12	Online Determining Heat Transfer Coefficient for Monitoring Transient Thermal Stresses. Energies, 2020, 13, 704.	3.1	10
13	Thermal stress monitoring in thick-walled pressure components based on the solutions of the inverse heat conduction problems. Journal of Thermal Stresses, 2018, 41, 1501-1524.	2.0	9
14	Influence of the Thermometer Inertia on the Quality of Temperature Control in a Hot Liquid Tank Heated with Electric Energy. Energies, 2020, 13, 4039.	3.1	8
15	Reduction of dynamic error in measurements of transient fluid temperature. Archives of Thermodynamics, 2011, 32, 55-66.	1.0	8
16	Allowable Rates of Fluid Temperature Variations and Thermal Stress Monitoring in Pressure Elements of Supercritical Boilers. Heat Transfer Engineering, 2019, 40, 1430-1441.	1.9	7
17	Inverse Space Marching Method for Determining Temperature and Stress Distributions in Pressure Components. , 0, , .		5
18	Identification of three-dimensional transient temperature fields in thick-walled elements using the inverse method. International Journal of Numerical Methods for Heat and Fluid Flow, 2018, 28, 138-150.	2.8	4

#	Article	IF	Citations
19	Analytical-numerical method for calculating cross-flow tube heat exchangers considering temperature-dependent fluid heat capacities. International Journal of Heat and Mass Transfer, 2022, 183, 122202.	4.8	4
20	Determination of transient fluid temperature using the inverse method. Archives of Thermodynamics, 2014, 35, 61-76.	1.0	2
21	Measurement Technique of Transient Fluid Temperature in a Pipeline. Procedia Engineering, 2016, 157, 58-65.	1.2	2
22	Method of Lines in Heat Conduction. , 2014, , 2990-2997.		2
23	Thermal Performance and Stress Monitoring of Power Boiler. , 2016, , .		0
24	Determination of transient temperature fields in thick-walled elements using the inverse method. E3S Web of Conferences, 2017, 13, 02007.	0.5	0
25	Measurement of Transient Fluid Temperature in the Heat Exchangers. , 2017, , .		0
26	The use of a solution of the inverse heat conduction problem to monitor thermal stresses. E3S Web of Conferences, 2019, 108, 01003.	0.5	0