

Svetozár Malinari

List of Publications by Year in descending order

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papers

194
citations

1163117

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1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameter estimation in dynamic plane source method. Measurement Science and Technology, 2004, 15, 807-813.	2.6	35
2	Uncertainty Analysis of Thermophysical Property Measurements of Solids Using Dynamic Methods. International Journal of Thermophysics, 2007, 28, 20-32.	2.1	18
3	Contribution to the Transient Plane Source Method for Measuring Thermophysical Properties of Solids. International Journal of Thermophysics, 2013, 34, 1953-1961.	2.1	17
4	Step-wise transient method. Measurement Science and Technology, 2016, 27, 035601.	2.6	17
5	Thermal properties of green alumina porcelain. Ceramics International, 2015, 41, 3254-3258.	4.8	14
6	Modified Dynamic Plane Source Method for Measuring Thermophysical Parameters of Solids. International Journal of Thermophysics, 2012, 33, 528-539.	2.1	13
7	Concentric Circular Strips Model of the Transient Plane Source-Sensor. International Journal of Thermophysics, 2015, 36, 692-700.	2.1	11
8	Stepwise and Pulse Transient Methods of Thermophysical Parameters Measurement. International Journal of Thermophysics, 2016, 37, 1.	2.1	11
9	Contribution to the Sensitivity Coefficients Analysis in the Extended Dynamic Plane Source (EDPS) Method. International Journal of Thermophysics, 2004, 25, 1913-1919.	2.1	9
10	Improvements in the Dynamic Plane Source Method. International Journal of Thermophysics, 2009, 30, 608-618.	2.1	8
11	Comparison of the new plane source method to the step wise transient method for thermal conductivity and diffusivity measurement. International Journal of Thermal Sciences, 2021, 164, 106901.	4.9	6
12	Dynamic Measurements of the Temperature Coefficient of Resistance in the Transient Plane Source Sensor. International Journal of Thermophysics, 2009, 30, 1557-1567.	2.1	5
13	Impact of the Heat Source Model on Transient Methods of Conductivity and Diffusivity Measurement. International Journal of Thermophysics, 2022, 43, 1.	2.1	5
14	A six-phase model of anisotropy of polycrystalline polymers. Journal Physics D: Applied Physics, 1998, 31, 2104-2108.	2.8	4
15	Measurement and Uncertainty Assessment of the Thermal Conductivity and Diffusivity of Silica Glass using Step-Wise Transient Method. International Journal of Thermophysics, 2021, 42, 1.	2.1	4
16	Measurements of ultrasonic velocity and attenuation in biaxially oriented polypropylene films using fast fourier transform. Journal of Applied Polymer Science, 1994, 52, 1405-1410.	2.6	3
17	Step - wise transient method - Influence of heat source inertia. AIP Conference Proceedings, 2016, , .	0.4	3
18	Contribution to the stepwise transient method. AIP Conference Proceedings, 2018, , .	0.4	2

#	ARTICLE	IF	CITATIONS
19	New evaluation of the step-wise transient measurements. AIP Conference Proceedings, 2020, , .	0.4	2
20	Contribution to the signal processing of ultrasonic pulses. Journal Physics D: Applied Physics, 1998, 31, 970-977.	2.8	1
21	Contribution to the stepwise and pulse transient methods. AIP Conference Proceedings, 2017, , .	0.4	1
22	Stepwise transient method and transient plane source method comparison. AIP Conference Proceedings, 2019, , .	0.4	1
23	Injection Moulding Versus Rapid Prototypingâ€™Thermal and Mechanical Properties. Advanced Structured Materials, 2016, , 121-127.	0.5	1
24	Sensitivity coefficients analysis in step-wise transient method. AIP Conference Proceedings, 2021, , .	0.4	0