

Ionel Danut Savu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reducing NO _x Emissions through Microwave Heating of Aftertreatment Systems for Sustainable Transport in the Inland Waterway Sector. Sustainability, 2022, 14, 4156.	3.2	3
2	Composite Polymer for Hybrid Activity Protective Panel in Microwave Generation of Composite Polytetrafluoroethylene -Rapana Thomasiana. Polymers, 2021, 13, 2432.	4.5	4
3	PP in 3D Printing - Technical and Economic Aspects. Materiale Plastice, 2019, 56, 931-936.	0.8	11
4	Laser Marking of PLA FDM Printed Products. Materiale Plastice, 2019, 57, 228-238.	0.8	0
5	Heat Affected Zone in Microwave Polymer Welding. Advanced Materials Research, 2016, 1138, 165-171.	0.3	4
6	Modification of Heat Flow Parameters during the Ceramic Assisted Microwave Heating of HDPE. Advanced Materials Research, 2014, 1036, 240-245.	0.3	0
7	Heat affected zones in polymer laser marking. Journal of Thermal Analysis and Calorimetry, 2014, 115, 1427-1437.	3.6	8
8	Preheating and heat addition by LASER beam in hybrid LASER-ultrasonic welding. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1221-1226.	3.6	7
9	Thermal Runaway of the BaCO ₃ + Fe ₂ O ₃ Homogenous Mixture and Mechanical Alloys at the Microwave Heating. Advanced Materials Research, 2013, 837, 185-189.	0.3	6
10	Inductive Sensor with Sintered Magnetic Core to Evaluate the Performances of the Table Tennis Players. Materials Science Forum, 2011, 672, 105-108.	0.3	4
11	The Improving of the Process of the Iron, the Cast Iron and the Copper Powder Mixing. Materials Science Forum, 2011, 672, 76-79.	0.3	4
12	Laser welding of low friction nanostructured sintered composites: technical and environmental aspects. International Journal of Microstructure and Materials Properties, 2010, 5, 261.	0.1	1
13	Thermal Analysis to Evaluate Ageing Process in Heated Tool and Electrofusion Welding of Polymer Pipes. Advanced Materials Research, 0, 837, 190-195.	0.3	2
14	Resistive-IR Hybrid Heating in FDM Printing. Key Engineering Materials, 0, 890, 157-164.	0.4	0
15	FDM 3D Printing Process - Risks and Environmental Aspects. Key Engineering Materials, 0, 890, 152-156.	0.4	3
16	Microwave Technology for Hybrid Fabrication Processes. Advanced Engineering Forum, 0, 42, 85-90.	0.3	0
17	Investigating the Effect of \hat{I}_{\pm} -Fe ₂ O ₃ Oxides on the BaFe ₂ O ₄ Pyrosynthesis Temperature - The Digital Processing of TG and DTA Curves. Advanced Engineering Forum, 0, 42, 42-49.	0.3	1
18	Simulation of Thermal Field in Eutectic Microwave Bonding for Electrical Connection of Photovoltaic Cells. Advanced Materials Research, 0, 1172, 51-56.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Joining Photovoltaic Cell Connection Strips Using Ultra-Acoustic Wave - Resistive Hybrid Heating System. Advanced Materials Research, 0, 1172, 57-65.	0.3	0