

Maksim Orlov

List of Publications by Year in descending order

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papers

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citations

2258059

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2053705

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14
docs citations

14
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11
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of thermally conductive carbon foams and their application in automobile transport. IOP Conference Series: Materials Science and Engineering, 2017, 240, 012062.	0.6	8
2	Modeling basalt fibers wetting processes used in the basalt rebar production. Journal of Physics: Conference Series, 2021, 1990, 012042.	0.4	8
3	Extrema of the Effect of Low-Inertia Particles on the Turbulence Energy of a Carrier Gas. Doklady Physics, 2018, 63, 385-387.	0.7	5
4	Coupling of short DNAs with reduced graphene oxide for electronic and sensing applications. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 526-532.	2.1	3
5	Production and investigation of physical-mechanical properties of syntactic carbon foams. IOP Conference Series: Materials Science and Engineering, 2018, 412, 012019.	0.6	1
6	Production technology of heat-resistant high-strength syntactic carbon foams for operation in extreme conditions. IOP Conference Series: Materials Science and Engineering, 2018, 412, 012018.	0.6	1
7	Influence of modes of washing-out of the polyvinyl acetate-based substrate on the properties of carbon fiber reinforced plastics obtained by TFP. IOP Conference Series: Materials Science and Engineering, 2020, 934, 012060.	0.6	1
8	Mathematical modeling of binding material coalescence at the production of syntactic carbon foams. IOP Conference Series: Materials Science and Engineering, 2018, 412, 012013.	0.6	0
9	Carbon Nanomaterials for the Creation of Biological Sensors for Socially Important Diseases. Bio-Medical Engineering, 2019, 53, 201-206.	0.5	0
10	Physicomechanical Properties of Epoxy Binders and Winding Basalt Plastics Based on Them. Fibre Chemistry, 2019, 51, 32-37.	0.2	0
11	Influence of aggressive environment on basalt fiber based microplastics. IOP Conference Series: Materials Science and Engineering, 2019, 683, 012074.	0.6	0
12	Research of physical and mechanical properties of reinforced carbon fiber plastics based on tfp-preforms. IOP Conference Series: Materials Science and Engineering, 2020, 934, 012066.	0.6	0
13	Influence of operating conditions on the protective polyurethane coating for carbon fiber reinforced plastic blades of gas turbine engines. Journal of Physics: Conference Series, 2021, 1891, 012038.	0.4	0
14	Laser reduction of graphene oxide thin films for nanoelectronic application. , 2019, , .		0