

# Roman Muradymov

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the mechanical properties of aluminum-graphene composites. AIP Conference Proceedings, 2016, , .	0.4	17
2	Synthesis of new metal-matrix Al <sup>Al2O3</sup> graphene composite materials. Russian Metallurgy (Metally), 2017, 2017, 631-641.	0.5	16
3	Fast-charged aluminum-ion battery with aluminum-graphene nanocomposite anode. Ionics, 2021, 27, 249-258.	2.4	12
4	Effect of Grain Size on the Properties of Aluminum Matrix Composites with Graphene. Metals, 2022, 12, 1054.	2.3	9
5	Molecular dynamic study of the mechanism of formation of 2D carbon nanostructures in a solid Al <sup>C</sup> nanocomposite grain. Russian Journal of Physical Chemistry A, 2016, 90, 2444-2448.	0.6	7
6	The Effect of Graphene Additives on the Structure and Properties of Aluminum. Physics of Metals and Metallography, 2020, 121, 1193-1202.	1.0	7
7	Corrosion Behavior of Aluminum <sup>Graphene</sup> and Aluminum <sup>Graphite</sup> Composite Materials in a 3% NaCl Aqueous Solution. Russian Metallurgy (Metally), 2022, 2022, 153-160.	0.5	3