

LIST OF SCIENTIFIC WORKS

Tulegenova Malika Askarovna for the degree of Doctor of Philosophy (PhD) in the specialty 6D071000 – “Materials Science and Technology of New Materials”

№	Title of works	Manuscript or printed	Name of publishing organization, journal (№, year.), № of copyright certificate	Number of printed sheets or pages	Full name of the co-authors of the work
1.	Conical Face-Field Electrostatic Energy Analyzers for Investigating Nanomaterials	printed	Elsevier, Journal of Electron Spectroscopy and Related Phenomena, Volume 257, May 2022, 147203.	12	A.M. Ilyin, N.R. Guseinov
2.	Computer Simulation and First Principles Study of Ga-Doped Graphene Nanostructures	printed	American Scientific Publishers, Journal of Computational and Theoretical Nanoscience. – 2019. – Vol. 16. – P. 39-41.	3	A.M. Ilyin, N.R. Guseinov, T.K. Kuanyshbekov, G.W. Beall
3.	Computer Simulation of the Effect of Structural Defects on the Effectiveness of the Graphene's Protective Properties	printed	American Scientific Publishers, Journal of Computational and Theoretical Nanoscience. – 2019. – Vol. 16. – P. 351–354.	4	Arkady Ilyin, Nazim Guseinov, Gary Beall, Tilek Kuanyshbekov
4.	Ga-graphene composite formation via low-energy Ga ⁺ -ion irradiation	printed	KazNITU Bulletin. - № 2(132). – 2019. – P. 160-166. (in russian)	7	N.R. Guseinov, A.M. Ilyin, G. Beall, T.K. Kuanyshbekov
5.	Anticorrosive coatings based on few-layer graphene	printed	David Publishing Company, Journal of Materials Science and Engineering B. – 2018. – Vol. 8 (7-8). – P. 179-184.	6	Arkady Ilyin, Gary Beall, Nazim Guseinov
6.	Protection of copper surface against thermal corrosion by few-layer graphene nanostructures	printed	KazNITU Bulletin. – 2018. - № 2 (126). – P. 262-267. (in russian)	6	T.K. Kuanyshbekov, N.R. Guseinov, A.M. Ilyin
7.	Synthesis of graphene by diffusion method on nickel	printed	KazNITU Bulletin. – 2018. - № 3 (127). – P. 152-158. (in russian)	7	T.K. Kuanyshbekov, N.R. Guseinov, G. Beall, A.M. Ilyin
8.	Laboratory technology of copper surface protection by means of few-layer graphene nanostructures	printed	Abstract proceedings of 5th Global Conference on Polymer and Composite Materials “PCM 2018”. - Kitakyushu (Japan), 2018. – P. 54.	1	Kuanyshbekov T.K., Guseinov N.R., Ilyin A.M., Beall G.W.
9.	Sensitive humidity sensor based on functionalized graphene	printed	Abstract proceedings of 4th International Conference on Sensors Engineering and Electronics Instrumentation Advances “SEIA' 2018”. – Amsterdam, The Netherlands, 2018. – P. 45-46.	2	Kuanyshbekov T.K., Ilyin A.M., Beall G.W., Guseinov N.R.
10.	Protecting the nickel	printed	Proceedings of the	1	Kuanyshbekov T.K.,

	surface from thermal corrosion by few-layer graphene nanostructures		International Scientific Conference of Students and Young Scientists "Farabi alemi". - Almaty (Kazakhstan), 2018. - P. 229. (in russian)		Iliyn A.M., Guseinov N.R.
11.	Anticorrosion protective coatings based on few-layer graphene nanostructures	printed	Proceedings of the V International Scientific Conference "Modern Problems of Condensed State Physics, Nanotechnology and Nanomaterials (Sarsembinov Readings)". - Almaty (Kazakhstan), 2018. - P. 120-125. (in russian)	6	Kuanyshebekov T.K., Guseinov N.R., Iliyn A.M.

Applicant

Scientific Secretary

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M.A. Tulegenova

M.K. Issanova