

Abramishvili Giorgi S.*Surname, first name, father's name*

No. in line	Title of scientific works	printed or handwritten	Publishing house, magazine (number, year) or copyright certificate (number, year)	Number of printed plates or pages	Last name of the co-author
Scientific works published in journals					
1	Increasing the environmental friendliness of cars through the use of a new method of increasing engine oil change intervals - "pre-treatment of friction units"	Printed	Scientific and technical journal "Transport and mechanical engineering". Tbilisi, No. 1(38), 2017	9 p.	J. Iosebidze, M. Khvedelidze, L. Kakashvili, N. Diasamidze, D. Aladashvili
2	Study of carbon materials and materials of rubbing bodies required for tribosynthesis of diamond nanocrystals	Printed	"Engineering News of Georgia" magazine, Tbilisi, No. 1, 2021	7 p.	O. Gelashvili, J. Iosebidze, B. Eristavi, N. Diasamidze, M. Khvedelidze
3	Study of rheological and tribotechnical properties required for tribosynthesis of diamond nanocrystals, model oils containing amorphous nanodispersed carbon	Printed	"Engineering News of Georgia" magazine, Tbilisi, No. 1, 2021	7 p.	J. Iosebidze, D. Pridonashvili, N. Diasamidze, M. Khvedelidze, T. Saladze
4	A generalized conceptual model of the local and global impact of road transport on the environment	Printed	Scientific and technical journal "Transport and mechanical engineering". Tbilisi, No. 2(51), 2021	7 p.	J. Iosebidze, Kh. Mghebrishvili, D. Dzotsenidze, L. Mamaladze
5	Investigation of Structural and Phase Transformations of Steel Surfaces During Sliding Friction in the Environment of Oils Modified with Carbon Nanoform Particles	Printed	BULLETIN OF THE GEORGIAN NATIONAL ACADEMY OF SCIENCES, vol. 16, no.2, 2022	7 p	E. Kutelia, J. Iosebidze, B. Eristavi, O. Gelashvili
6	Effect of Running-in on the Wear Pattern of Heavy Loaded Friction Surfaces of Steel in the Environment of Nanolubricants	Printed	BULLETIN OF THE GEORGIAN NATIONAL ACADEMY OF SCIENCES, vol. 17, no.2, 2023	8 p.	E. Kutelia, T. Natriashvili, J. Iosebidze, O. Gelashvili

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7	Features of the formation of self-organized secondary structures on the surfaces of steel parts during rolling friction in an oil environment modified with carbon nanotubes doped with clusters of Fe-atoms		BULLETIN OF THE GEORGIAN NATIONAL ACADEMY OF SCIENCES, vol. 18, no.4, 2024	9 83.	E. Kutelia, T. Natriashvili, J. Iosebidze, B. Eristavi, M. Khvedelidze
Methodical works and manuals					
1	Fuel and lubricants for marine transport	Printed	Georgian Technical University, 2017	131 p.	T. Gelashvili, J. Iosebidze, G. Archvadze
2	Analysis of environmental friendliness of vehicles (course of lectures)	Printed	Georgian Technical University, 2020	245 p.	J. Iosebidze, O. Gelashvili, Kh. Mghebrishvili, N. Diasamidze
3	Operational materials (course of lectures)	Printed	Georgian Technical University, 2020	233 p.	J. Iosebidze, T. Apakidze, N. Diasamidze, M. Khvedelidze
Monographs					
1	A car and a traffic accident as an object of technical and legal research	Printed	"Universal", Tbilisi, 2017	140 p.	V. Kharitonashvili, N. Chichinadze
Conferences					
1	EFFECT OF FRICTION ASSEMBLYES RUNNING-IN ON INCREASE IN REPLACEMENT AGE OF AUTOMOBILE TRANSMISSION OILS	Printed	Balttrib 2017, VIII International scientific conference, 2017, Kaunas	5 p.	J. Iosebidze, L. Kakashvili, N. Diasamidze, M. Khvedelidze

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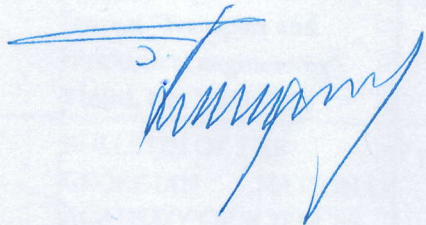
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2	Development of a geometric model of nanotechnology for the production of highperformance automotive suspension oil	Printed	IV Georgian-Polish scientific and technical conference "Transport Bridge EuropeAsia", 2019	6 p.	J. Iosebidge, D. Fridonashvili, N. Diasamidze, M. Khvedelidze, Kh. Mgebrishvili
3	Study of tribotechnical and ecological efficiency of motor car transmission oil "Kolkheti-2" prepared with nanotechnology	Printed	IX International conference BALTRIB-2019, Kaunas, 14-16 November 2019.	4 p.	J. Iosebidge, L. Kakashvili, E. Machavariani, N. Diasamidze, M. Khvedelidze, D. Aladashvili.
4	The effect of the formation of diamond-like carbon particles on the friction surfaces of steel during sliding in the area of oils modified with nanoparticles of CNFs	Printed	31st International Conference on Diamond and Carbon Materials. 6-9 September 2021. /ONLINE: Live and ondemand	0,5	E. Kutelia, D. Iosebidge, B. Eristavi, O. Gelashvili
5	Tribotekhnical and Ecological Efficiency of Motor Car Transmission Oil	Printed	19th international scientific and practical seminar: "Modern problems of production and repair in industry and transport." Tbilisi, October 2021	5 p.	J. Iosebidge, D. Fridonashvili, N. Diasamidze, M. Khvedelidze, Kh. Mgebrishvili
6	Methodology for calculating fuel consumption and heat release into the environment as environmental indicators of a vehicle	Printed	VI Georgian-Polish scientific and technical conference "Transport Bridge Europe-Asia". Tbilisi, October 2021	7 p.	J. Iosebidge, O. Gelashvili, D. Fridonashvili, N. Diasamidze
7	Effect of running-in on the wear pattern of heavy loaded friction surfaces of steel in the environment of nanolubricants	Printed	XI International conference BALTRIB-2022, Kaunas, 22-24 September 2022	1 p.	E. Kutelia, J. Iosebidge, B. Eristavi, K. Beradze

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8	Features of formation selforganized secondary structures on the friction surfaces of steel in the medium of oil modified with Fe-atom cluster doped CNT _s	Poster	TURKEYTRIB'23 4th International Conference on Tribology 25-27 May 2023, ISTANBUL - TURKEY	1 p.	E. Kutelia, J. Iosebidge, B. Eristavi, M. Ben Chaim
8	Optimization of the composition of automotive transmission oil containing carbons capable of tribosynthesis of diamond nanocrystals and the study of its operational properties	Printed	VIII Georgian-Polish scientific and technical conference "Transport Bridge Europe-Asia". Tbilisi, October 2024	9 p.	J. Iosebidge, T. Natriasvili, N. Diasamidze, M. Khvedelidze, N. Abashidze
9	Development of a conceptual (theoretical) model for the transformation of amorphous nanodispersed carbon into diamond nanocrystals using tribosynthesis methods	Printed	International Conference BALTRIB'2024 Vytautas Magnus University, Akademija, Kaunas, Lithuania, 21-23 November 2024	1 p	E. Kutelia, J. Iosebidge, T. NatriaSvili, B. Eristavi, K. Beradze

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