

List of scientific and educational-methodical works

Nino Kenchiashvili

№	Title of scientific works	printed or Handwriting	Journal, book (manual), publisher, issue, year, copyright certificate number	Number of pages	co-authors
1	2	3	4	5	6
1	Possibility of using a laser beam for heat treatment of steels of various compositions	printed	Problems of Metallurgy, Welding and Materials Science, ISSN1512-1909, #4(14), 20 -24 p, 2006	5 p.	A. Gordesiani S. Kurashvili G. Gordesiani
2	Study of low-alloy steels for plumbing tools	printed	Problems of Metallurgy, Welding and Materials Science, ISSN1512-1909, #4(14), 25 -29 p, 2006	5 p.	A. Gordesiani G. Gordesiani I. Shergelashvili
3	The influence of laser heat treatment on the structure and properties of steels and cast irons	printed	Problems of Metallurgy, Welding and Materials Science, ISSN1512-1909, #1(15), 28 -32 p, 2007	5 p.	A.Gordesiani S. Kurashvili G. Gordesiani
4	Influence of composition of steel surface coatings on laser beam absorption	printed	Sat. Tech. University works ISSN 1512-0996, #3(469), http://www.gtu.ge pp. 18-21, 2008	4 p.	A. Gordesiani S. Kurashvili G. Gordesiani
5	Effect of laser beam hardening on wear resistance of steel	printed	Sat. Tech. University Proceedings ISSN 1512-0996, #2 (480), http://www.gtu.ge p. 43-46, 2011	4 p.	A. Gordesiani L. Tavadze G. Gordesiani
6	Non-ferrous metals and alloys	printed	Publishing House "Technical University" ISBN 978-9941-20-089-2 http://www.gtu.ge , 2012	188 p.	M. Okrosashvili
7	Analytical plotting of welding machine volt-ampere Mach-lamps	printed	Engineering News of Georgia ISSN 1512-0287 #3, p. 49-51, 2012	3 p.	A. Sulamanidze Z. Sabashvili Z. Mchedlishvili A. Gordesiani C. Besiashvili
8	Advantages of plasma cutting in superheated water vapor at metallurgical enterprises	printed	Journal of Technical Science and Technologies, IBSU. ISSN 2298-0032, Vol. 3, №2, p. 5-8, 2014	4 p.	Z. Sabashvili, M. Mousa T. Loladze

9	The effect of temperature and steam pressure on the quality of the cut surface during plasma cutting in a steam environment	printed	Proceedings of the Georgian Technical University. Publishing House "Technical University", ISSN 1512-0996, №3 (497), p. 182-188, 2015.	7 p.	Z. Sabashvili, T. Loladze
10	Two-phase segregation of irregular solid Al-Ti-Fe solution	printed	Proceedings of the Georgian Technical University. Publishing House "Technical University", ISSN 1512-0996, №3 (497), p. 189-194, 2015.	6 p.	G. Gordeziani, G. Tsirekidze, A. Gordeziani, N. Kanteladze
11	Studying engineering process of manufacturing muzzles for combat weapon	printed	Proceedings of the Georgian Technical University. Publishing House "Technical University", ISSN 1512-0996, №4 (498), p. 110-115, 2015.	2 p.	N. Kanteladze, M. Mikautadze, A. Gordeziani
12	Investigation of the resource of the plasma generator in the middle of superheated water vapor at elevated pressure	printed	Georgian Engineering News, ISSN 1512-0287, №1 (Vol. 81), p. 76-77. 2017.	2 p.	Z. Sabashvili, A. Merpebeli-Mandaria, T. Loladze
13	Materials Science	printed	lecture course, Publishing House „Technical University”, ISBN 978-9941-20-977-2 http://www.gtu.ge , 2018	152 p.	M. Okrosashvili
14	Alloy Steels and Alloys;	printed	lecture course, Publishing House „Technical University”, ISBN 978-9941-28-088-7 http://www.gtu.ge , 2018.	134 p.	
15	Influence of radial compression on the metal microstructure	printed	Science and technologies, Publishing House „Technical University” ISSN 0130-7061, index 76127. http://www.publihouse.gtu.ge , №2 (736), p. 48-56, 2021	9 p.	S. Mebonia, N. Gonjiashvili, A. Shermazanashvili, D. Gventsadze
16	Analysis of construction schemes of longitudinal rolling mills and their improvement	printed	Science and technologies, Publishing House „Technical University” ISSN 0130-7061, index 76127. http://www.publihouse.gtu.ge , №1 (738), p. 38-45, 2022	8 p.	S. Mebonia, J. Melkadze P. Mshvildadze

17	Manufacture of special pipes by the method of heading	printed	"Georgian Scientists", 4(02), 2022. Tbilisi, Association for Science; E-ISSN: 2667-9760 JOURNAL DOI: https://doi.org/10.52340/gj Google Scholar IF 2021 - 0.29	10 p.	N.Kanteladze, A. Gordeziani, G. Gordeziani, T. Tsertsvadze, T. Tsilosani;
18	Formation of laser beam strengthened surface layers	printed	International scientific conference „Chemistry-achievements and perspectives” dedicated to the 90th anniversary of the birth of academician Givi Tsintsadze, Georgian Technical University. April 20, 2023, Tbilisi, Georgia. publihhouse.gtu.ge, ISBN 978-9941-28-970-5. pp. 613–619, 2023.	7 p.	T. Loladze, Z. Sabashvili, G. Gordeziani, N. Kanteladze
19	Some Peculiarities of Reduction Process Kinetics of Iron Oxide with Carbon In the High Pressure Conditions	printed	International scientific conference „Chemistry-achievements and perspectives” dedicated to the 90th anniversary of the birth of academician Givi Tsintsadze, Georgian Technical University. April 20, 2023, Tbilisi, Georgia. publihhouse.gtu.ge, ISBN 978-9941-28-970-5. pp. 168–173, 2023.	6 p.	M. Tserodze, Z. Avalishvili, M. Tabatadze, N. Loladze.
20	Hardening of details by plastic deformation	printed	Science and technologies, Publishing House „Technical University” ISSN 0130-7061, index 76127. http://www.publihhouse.gtu.ge , №1 (744), p. 32-40, 2024.	9 p.	S. Mebonia, G. Otashvili, T. Tsertsvadze
21	Two phase separation of irregular solid solution of Fe-Cr system	printed	Science and technologies, Publishing House „Technical University” ISSN 0130-7061, index 76127. http://www.publihhouse.gtu.ge , №1 (744), p. 41-45, 2024.	5 p.	G. Gordeziani, R. Kharati, T. Loladze, N. Kanteladze

I confirm the list of works of Nino Kenchiashvili:

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Z. Sabashvili