

Georgian Technical University

List of scientific works

Nareklshvili Tea (2008 – 2025)

(Last name, First name)

N	Title of scientific works	Printed or Handwriting	Publishing house, magazine (number, year) or copyright Certificate number	Page	Co-author
1	Concrete constructions monitoring with fiber optical sensors	Printed	"Problems of mechanics" N4(33)/2008 International scientific Journal pp. 44-48	5	M. Tsikarishvili, L. Zambakhidze
2	Experimental research of fiber- optical system of concrete constructions monitoring	Printed	"Problems of mechanics" N1(34)/2009 International scientific Journal pp. 84-89	6	M. Tsikarishvili, L. Zambakhidze, T. Magradze
3	Study of the activity of the contact layer of natural filler volcanic slag and cement stone	Printed	"Construction" 2009 (97-100 p.) N2(13).	4	G. Khakhutashvili
4	Study of the technical condition of the building for the purpose of its further reconstruction	Printed	"Aghmashenebeli" N 5 2009. (132-142 p.)	11	O. Chakvetadze, L. Zambakhidze, D. Jibladze, E. Christosiashvili
5	Monitoring of concrete constructions structural uniformity	Printed	Georgian International Journal of Science, "Technology and Medicine". Nova Science Publishers, NY, USA, N4, 2009	8	M. Tsikarishvili, Y. Melashvili
6	General prerequisites for the development of a systematic approach to water management problems	Printed	"Georgian Engineering News" N2 (vol.50), 2009.(p. 97-98.)	2	I. Mikhelashvili, N. Nozadze
7	Quality control of concrete and reinforced concrete structures with fiber optic sensors. (Monograph)	Printed	Publishing House "Technical University" ISBN 978-9941-14-626-8 Tbilisi, 2009.	112	J. Bakhtadze, M. Tsikarishvili
8	Effect of chemical additives in concrete loading on the current destructive processes.	Printed	"Construction" N2(17). 2010 (170-174 p.)	4	M. Turdzeladze
9	Collection of tasks and tests in building materials	Printed	Publishing House "Technical University"	120	M. Turdzeladze
10	An example of the calculation of composite structures using the variational method	Printed	Proceedings of the International Scientific and Technical Conference "Problems of Construction Mechanics" 2010 (p. 244-246)	4	E. Machaidze, D. Chikovani, A. Buksianidze

11	Solution of some spatial problems of continuum mechanics in ordinary differential equations.	Printed	“Mechanics - 2011” Collection of scientific works of the V Belarusian Congress on Theoretical and Applied Mechanics Minsk 2011. (p. 255-260) ISBN 978-985-6637-21-9	6	R. Tskhvedadze, G. Kipiani, E. Qristesiashvili
12	Establishment of parameters of concrete structures used in hydraulic structures with fiber optic sensors	Printed	High technologies, economics, industry Collection of articles of the XIII international scientific and practical conference. “Fundamental and applied research, development and application of high technologies in industry and economics” (p. 213-217.) St. Petersburg 2012.	6	A. Faresishvili, N. Tabatadze, G. Lejava
13	Experimental study of lightweight construction material - polystyrene concrete by means of optimization of its composition and additives.	Printed	"Energy" N1(65) 2013 (77 – 79 p.)	3	M. Lortkipanidze, N. Tabatadze, G. Qemertelidze
14	Methodology of teaching the technology of production and use of building materials.	Printed	publishing house "Technical University" ISBN 978-9941-20-257-5 Tbilisi 2013	50	A. Chikovani
15	Experimental studies of physico-mechanical directions of concrete with hydrotechnical additives during slightly repeated static loads.	Printed	“Energy” magazine N3 (71) 2014. (74 – 77 p.)	4	M. Lortkipanidze, N. Tabatadze,
16	Reinforced concrete worker (moulder, concreter, armature) manual	Printed	National Center for Education Quality Development of the Ministry of Education and Science of Georgia. 2015	257	I. Gharibashvili, L. Balanchivadze, Sh. Dolidze, G. Dolidze
17	Selection of Building Materials (Teacher's Guide)	Printed	National Center for Education Quality Development of the Ministry of Education and Science of Georgia. 2016	142	I. Gharibashvili
18	Light and color in architectural design (handbook)	Printed	Ministry of Culture and Monuments Protection of Georgia. Tbilisi State Art Academy. publishing house "Cézanne" ISBN 978-9941-0-954-1 Tbilisi 2016	442	T. Jorjadze, And Others
19	Science of building materials 1 part (manual)	Printed	Publishing House "Technical University" ISBN 978-9941-20-827-0 (all parts). ISBN 978-9941-20-828-7 (first part) Tbilisi, 2017.	250	M. Turdzeldadze

20	Construction of highways	Printed	Printed by the German Society for International Cooperation "GIZ" on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ). Tbilisi, 2020	228	M. Baratashvili, K. Mchedlishvili, i. Gharibashvili, R. Dzeladze, M. Shishinashvili, G. Chubinidze
21	Science of building materials part II (manual)	Printed	In the process of development, it will be published in 2024.		M. Turdzeladze

