

List of scientific and educational-methodical works

№№	Title of scientific works	handwritten or handwritten	Journal, book (manual) publisher, issue, year or copyright number	Number of printed plates or pages	co-authors
1	Determining the absolute age of manuscripts made with gel-based inks (based on foreign data)	printed	Collection of reports of the international scientific conference "Modern problems of ecology", Kutaisi 2014	5	N. Ormotsadze
2	A course in popular physical chemistry (a brief history of the origin and development of the discipline, chemical thermodynamics)	printed	"Technical University" Tbilisi, 2014	120	A. Sarukhanishvili M. Mshvildadze, M. Kapanadze, E. Nikoleishvili
3	Schematic of equilibrium vapor and liquid chromatographic analysis	printed	International Scientific-Practical Conference Innovative Technologies for the Production of Functional Food Products, Kutaisi 2015 p.365 -368	4	Shatirishvili Sh., Makhashvili St., Kiladze M., Shatirishvili I.
4	Study of the possibility of using phytoactive polymers - polystimulins for the production of safe food products	printed	International Scientific-Practical Conference Innovative Technologies for the Production of Functional Food Products, Kutaisi 2015 p.312 -314	3	Ormotsadze N.
5	Getting morphine and codeine into the body with food	printed	International scientific-practical conference Innovative technologies for the production of functional food products, Kutaisi 2015 p.315 -318	4	Ormotsadze N.
6	Forensic investigation of substances and synthesis products used for desomorphine oral administration	printed	International Scientific-Practical Conference Modern Engineering Technologies and Environmental Protection Kutaisi 2016 p. 160-164	5	Ormotsadze N., Meskhishvili M., Zivzivadze A.
7	Heat-resistant composition based on polynaphthoylene-benzimidazoles	printed	Engineering News of Georgia No. 2 (vol. 78), 2016 p. 95-97	3	Ormotsadze N., Meskhishvili M.
8	Theoretical physical chemistry.	printed	"Technical University" Tbilisi, 2016, p. 287	287	Ormotsadze N.
9		printed	8 th International conference International conference "Biomate	1	Ormotsadze N., Meskhishvili M.

	PREPARATION OF INSULATING FILMS OF NEW CLASS ON THE BASIS OF POLYNAPHTHOILEN-BENZIMIDAZOLES		rials and nanobiomaterials" <i>Including Russian-Hellenic Workshop And School Of Young Scientists</i> , 07-14 may, 2017 , Agapi beach, Heraklion, Crete-Creece		
10	Waste water monitoring	printed	Monograph "Technical University" 2017 p. 196	194	St. Makhashvili, A. Grigolishvili
11	Phytoactive polymers	printed	Scientific-practical conference "Modern Chemical Technologies: Proceedings October 25, 2017, Kutaisi	3	N. Ormotsadze, M. Meskhishvili, M. Shtilman
12	Examination of high molecular compounds using ^{13}C - $\{^1\text{H}\}$ nuclear magnetic resonance	printed	Engineering News of Georgia No. 2 (vol. 86), 2018 p. 68-70	3	Ormotsadze N.
13	Automated control system for monitoring The Wastewater of mining and mineral processing enterprises	printed	საქართველოს საინჟინრო სიახლეები №2 (vol.86), 2018	3	Iashvili N.G., Tkemaladze G.Sh., Makhashvili K.A. Dolidze A.V.
14	Research of high molecular compounds using physical-chemical analysis methods	printed	"Chemistry-achievements and perspectives" Acad. International scientific- methodical conference dedicated to the 85th anniversary of G. Tsin Tsadze's birth 2018 gv44-46	1	Ormotsadze N.
15	Experimental physical chemistry	printed	Handbook, "Technical University" 2018 p. 106	104	L. Ebanoidze
16	Microprocessor water hardness control tool	printed	International Scientific-Practice Conference Proceedings "Modern Science and Innovative Practice" Volume II, Kutaisi, November 16, 2018	4	K. Makhashvili, N. Iashvili
17	Creation of an automatic system for chemical control of drinking water to improve the efficiency of water treatment facilities	printed	XII international scientific conference "Modern information and communication technologies in transport, industry and education" 2018 Dnieper	1	K. A.Makhashvili, N.G. Iashvili
18	Issues of development of automated information and measurement systems for wastewater quality control	printed	XII international scientific conference "Modern information and communication technologies in transport, industry and education" 2018 Dnieper	1	K. A.Makhashvili, N.G. Iashvili

19	Circumstances of fire occurrence and fire investigation	printed	5th International Scientific Conference on Energy: Regional Problems and Development Prospects, Kutaisi, 2018	5	N. Ormotsadze, A. Zivzivadze
20	Automatic device for determining the hardness of drinking water	printed	Engineering News of Georgia No. 4 (vol. 88), 2018	3	N. Iashvili, K. Makhashvili
21	The use of videography in craniofacial research	printed	Energy No. 3 [91]/2019 Tbilisi, 124-128	3	N. Ormotsadze M. annoying
22	Application of electrical conductivity of solution during coagulant treatment of wastewater	printed	Prof. V. Eristav's 80th birthday address to the International Three Tech. Conf. "Environmental protection and sustainable development" Tbilisi, 2019	2	K. Makhashvili, N. Ormotsadze
23	Natural and artificial aging of documents	printed	Engineering News of Georgia No. 1 (vol.90), 2020, 81-85	5	N. Ormotsadze M. Meskhisvili
24	Study of isothermal thermogravimetric process of polynaphthoylbenzimidazoles for polymer in deep vacuum	printed	Engineering News of Georgia No. 2 (vol. 91), 2020, 79-82	4	N. Ormotsadze M. Meskhisvili
25	A new automated device for the control of waste water of the mining enrichment factory	printed	International scientific-practical conference on innovative processes and technologies Kutaisi 2021 p.60	3	K. Makhashvili N. Iashvili
26	Polymer heat-resistant composition for hybrid integrated circuits	printed	Energy 2(98)/2021 Part II, Tbilisi, pp. 162-166	5	N. Ormotsadze M. Meskhisvili
27	About the organization of consulting and laboratory services in a new form for the country's peasants and farmers.	printed	Dedicated to the 80th anniversary of Tkemaladze. Science-Pract. Conf. "Aspects of innovative research in agricultural sciences", collection of works, tb., November 20-21, 2021. p. 403-405	3	Iashvili N., Imnaishvili L., Makhashvili K., Bedineishvili M.
28	Physico-chemical analysis of water from some wells in Lanchkhuti district.	printed	Engineering News of Georgia No. 2, vol. 96, 2022, 89-92	4	Zhgenti D.Z., Ebanoidze L.O., Ormotsadze N.Sh
29	Device for determining the concentration of chemical reagents in wastewater	printed	Conf. "Chemistry-achievements and perspectives", Acad. The 90th anniversary of the birth of Givi Tsintsadze is dedicated to international science. Conf.	6	K. Makhashvili, T. Rigishvili, V. Fidiurashvili N. Iashvili

			Collection of works, Vol. 2023, pp. 518-524		
30	Anomalous properties of water	printed	Acad. International science dedicated to the 90th anniversary of Givi Tsintsadze's birth. Conf. "Chemistry-achievements and perspectives", thesis. Collection 2023 Tbilisi	1	R. Kldiashvili, K. Makhashvili
30	Device for determining the concentration of chemical reagents in wastewater	printed	Device for determining the concentration of chemical reagents in wastewater	1	K. Makhashvili, T. Rigishvili, V. Fidiurashvili N. Iashvili