

## List of scientific and educational-methodical works

Ketevan Batsikadze

№	Title of scientific works	Printed or Handwritten	journal, book, (manual) publishing house, issue, year) or copyright certificate number	Number of printed plates or pages	Coauthors
1	Synthesis of a new heterocyclic system -1,2-dioxo-1,2-dihydro- $\alpha$ -thiopyrino [4,5-e]-indole	Print	Synthesis of a new heterocyclic system -1,2-dioxo-1,2-dihydro- $\alpha$ -thiopyrino [4,5-e]-indole	G 2	Khoshtaria T. Mirzashvili N. Ananiashvili V.
2	Synthesis of unsubstituted IH- $\alpha$ -thiopyrino[4,5-e]- and 1,2-dioxo-1,2-dihydro- $\alpha$ -thiopyrino[4,5-e]-indole	print	Georgian Chemical Jurnal, vol.3, #4, Page: 308-310 2003	3	Khoshtaria T.
3	7-Oxo-3,7-dihydro-and-1,2,3-trioxo-1,2,3,7-tetrahydro- $\alpha$ -pyrano[3,2]-e indoles.	print	HCG.- No. 4. st 624-626 2004	2	Khoshtaria T. Gochiodze L.
4	New heterocyclic systems-derivatives of indoles and isatines	print	7 <sup>th</sup> International conference (Scientific Advances in Chemistry: Heterocycles, Catalysis and Polymers as Driving Forces) Ekaterenburg, Russia November 2-4 p107 2004	1	Khoshtaria T.E. Mantadze M.M. Sikharulidze M.L. Bochoidze L.T.

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1	2	3	4	5	6
5	Synthesis and spectral studies of 7-oxo, 1,2,7-trioxo-1,2-dihydropyrano[3,2]-e indole and their derivatives	print	HCG.- No.2 .ct505-509 2005	8	Khoshtaria T.E. Kurkovskaya L.N. Bochoidze L.T. Mirzashvili N.T. Abesadze I.G. Sikharulidze M.I. Turabelidze V.G. Ananiashvili V.O. Maisuradze M.G.
6	General and special pharmaceutical education at Tbilisi State University (1918-1930)	print	Chemical Journal of Georgia pp. 233-248 2010	15	Skhiladze R. Tsvitsivadze T. Skhiladze N.
7	Achievements of Akaki Ghakhokidze in the production of a new medicinal drug	print	International conference "Compounds and salts of specific properties" waste secondary raw materials and natural resource. On the B base" Tbilisi 15-16 theses of the report 2010	8	Skhiladze R. Tsvitsivadze T. Skhiladze N. Chincharadze N.

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1	2	3	4	5	6
8	Camomile in folk medicine	print	Journal of Association of Ceramicists of Georgia Tbilisi 2011	3	Metreveli.I
9	In the labyrinths of the history of medicine	Print	Journal of Association of Ceramicists of Georgia p51-58 Tbilisi 2011	8	Skhiladze. R
10	Selection of essential oils and aromatic substances in perfumery	print	Chemical Journal of Georgia V11 '12 2011	2	
11	Photo-chemical analysis of blueberry leaves	print	Publishing House "Technical University" N 2 (484) pp. 26-32 2012	7	Skhiladze R. Sulaberidze M.
12	4 <sup>TH</sup> International conference "Health and Ecology"	Print P	Tbilisi State Medical University 9-21 October 2012	2	Zurashvili B. Giorgobiani M.
13	Quantitative determination of flavonoids in tincture of complex composition	print	Proceedings of Technical University of Georgia N 2(485) p35-38 2013	7	Tsomaya I. B. Tsintsadze T.G. Геловани Н.Дж. Tsikarishvili Kh.Dzh.
14	Cosmetics and allergies	print	83rd international scientific conference of students, Stu, Tbilisi 2015	2	Shakhbaziani N.

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15	Dyes in cosmetics	Print	Technical University of Georgia SCOPUS CODE 3001, page 149 2016	1	
16	Relevance of phytocosmetics	print	Technical University of Georgia SCOPUS CODE 3001, page 144 2016	1	
17	Development of technology and analysis of lotions containig ingredients of bottom mud of lake Kumisi Georgia Modern researches and prospects of their use in chemistry, chemical energinering and related fields.	Print	International Scientific Conference (September 21-23, ,Ureki, Georgia) p21 2016	1	Tsikarishvili Kh. Tsintsadze T. Mishelashvili Kh. Gvelesiani I.
18	Utilization of certain mineral resources in Georgia to make tooth pastes. Modern researches and prospects of their use in chemistry, chemical engineeering and related fields.	Print	International Scientific Conference (September 21-23, Ureki, Georgia) p.174 2016	1	Tsikarishvili Kh. Tsintsadze T. Nishnianidze M. Gvinjilia S.  K

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1	2	3	4	5	6
19	Determination of alkaloids in the above-ground parts and roots of the plant <i>Chelidonium</i>	handwritten	Chemical Journal of Georgia 2017	6	Gelovani N. Tsintsadze T. Gvelesiani I. Tsikarishvili Kh. Metreveli I.
20	Identification of anthracene derivatives in the fruits of <i>Didgula</i> ( <i>PloresSambacinigrae</i> ) and Georgian cherry.	handwritten	Chemical Journal of Georgia 2017	8	Gelovani N. Targamadze L. Gvelesiani I. Metreveli I.
21	Complexation of copper (II) with azo derivatives of acetylacetone	handwritten	Chemical Journal of Georgia, #1 2017	3	Kochiashvili M.S Imnadze N.O Topuria E.S Tsintsadze M.G Chiragov F.M
22	Study of the complex formation of copper (II) C 3-{2hydroxy-3,5-disulfophenylazo}pentadione-2,4 in the presence of a third component	handwritten	Chemical Journal of Georgia, #1 2017	3	Chiragov F.M.

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1	2	3	4	5	6
23	QUANTUM-CHEMICAL STUDY OF THE INFLUENCE OF THE SOLVENT ON COMPLEX FORMATION CAPACITY OF ISONICOTIN HYDRAZIDE WITH METALS	print	2 <sup>rd</sup> International conference on organic chemistry “Advances in Heterocyclic Chemistry”(GeoHet-2011). Tbilisi, Georgia. September 25-27, 2011. p. 234-235	2	T.Tsintsadze I.Gvelesiano G.Tsintsadze Kh.Mishelashvili
24	Developing the concept of creating emulsion systems for making of cosmetic milk	Electronic resource	International Scientific Conference Future Technologies and Quality of Life 29 September - 1 October 2017, Batumi, Georgia, p.134-135	2	Mishelashvili Kh.T. Tsikarishvili Kh.J. Metreveli I.Z. Gvinjilia S.A.
25	Methodology of epidemiological research of chronic diseases	print	Fifth International Economic Conference - IEC-2017; Development models of the national economy: yesterday, today, tomorrow. Business Engineering, No. 3, 2017, p. 341-344	4	M. Chikawa T. Tsintsadze I. Gvelesiani Kh. Michelashvili

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26	Climate caused by global warming Changes and expected spread of diseases risks	Print	XIV International conference "Health and Ecology", experimental and clinical Medicine 07.09.2022		Marina Giorgobiani Nana Levanadze, Irma Levanadze, Teimuraz Lortkipanidze
27	Birch tree buds in the composition of cosmetics	Print	"Chemistry - Achievements and Prospects" Collection of works of the international scientific conference dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze "Technical University", Tbilisi, 2023, p. 442-449		Khatuna Mishelashvili Nana Shashiashvili Salome Ghviljilia
28	The role of herbal materials in beauty products	print	CERAMICS, SCIENCE AND ADVANCED TECHNOLOGIES Journal of the Georgian Ceramists Association Vol.25. 2(50).2023	7	Kh. Mishelashvili

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1	Structure, hygiene, supervision and licensing of pharmacy establishments (methodological reference)	Print	Technical University of Georgia ISBN 978-9941-14-812-5 2010	59	
2	Incompatibility of substances in pharmaceutical technology (help guide)	Print	Technical University of Georgia ISBN 978-9941-20-223-0 2013	74	Skhiladze R. Metreveli I. Skhiladze N.
3	Use of essential oils in cosmetology and perfumeryE (help guide)	Print	Technical University of Georgia ISBN 978-9941-20-273-5 2013	52	

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1	2	3	4	5	6
1	Quantum-Chemical study of the influence of the solvent on Complex formation Capacity of Isonicotin Hydrazine with metal	Print	2-nd Inter. Conf. on organic chemistry Advances in Heterocycling Chemistry Tbilisi p.234-235. 2011		Tsintsadze T. Mishelashvili Kh. Gvelesiani I. Tsintsadze G
2	4 <sup>TH</sup> International conference "Health and Ecology"	Print	Tbilisi State Medical University 19-21 October 2012		Zurashvili B. Giorgobiani M.
3	Recognition of your valuable contribution to helping improve the lives and career prospects of Georgian University students	Print	Georgian Educational and Career Assistance Program Rotary Mentoring Project 2014		Grewe P. Cardwell T.
4	Soap and its allergic effect	Print	82nd international scientific conference of students, Stu, Tbilisi 2014		Oragvelidze K.
5	Cosmetics and allergies	Print	83rd international scientific conference of students, Stu, Tbilisi 2015		Shakhbaziani N.

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6	Utilization of certain mineral resources in Georgia to make tooth pastes, Researches and prospects of their use in chemistry, chemical engineering and related fields.	Print	International Scientific Conference (September 21-23, Ureki, Georgia) p.174 2016	1	Tsikarishvili Kh. Tsintsadze T. Nishnianidze M. Gvinjilia S.
7	Development of technology analysis of lotions containing ingredients of bottom mud of lake Kumisi (Georgia). Modern researches and prospects of their use in chemistry, chemical engineering and related fields	Print	International Scientific Conference (September 21-23, Ureki, Georgia) p. 21 2016	1	Tsikarishvili Kh. Tsintsadze T. Mishelashvili Kh. Gvelesiani I.
8	Use of dog bark in phytotherapy and homeopathy	print	84 open international scientific universities of students, 2017		Kurashvili N. Chikawa M.
9	Development of formulation and production technology of containing biologically active substances of bottom mud of lake Kumisi and Georgian plant materials	Print	Mini-Symposium, TSU, May 4 – 2018, pg 67	1	Tsikarishvili Kh. Tsintsadze T. Mishelashvili Kh. Nishnianidze M.
10	Development of the recipe and application technology of scrub-peelings using the curative mud of Lake Kumis	Print	International scientific-methodical conference "Chemistry - achievements and prospects" dedicated to the 85th anniversary of the birth of Academician Givi Tsintsadze - pp. 218-225	8	Kh. Mishelashvili*, T. Tsintsadze, M. Chikawa, M. gabelaya,

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11	climate caused by global warming Changes and expected spread of diseases risks	Print	XIV International conference "Health and Ecology", experimental and clinical Medicine 07.09.2022		Marina Giorgobiani Nana Levanadze, Irma Levanadze, Teimuraz Lortkipanidze
12	Birch tree buds in the composition of cosmetics	Print	International scientific conference "Chemistry - Achievements and Prospects" dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze A collection of theses "Technical University", Tbilisi, 2023, p. 160-161	1	Khatuna Mishelashvili Nana Shashiashvili Salome Ghvinjilia

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