

List of scientific works
Assistant Professor Bachana Pipia
since 2018

№	Title of scientific works	Print.	Publishing house (name, number, year)	Number of printed sheets.	Last name of the co-author
1	QUANTITATIVE ASSESSMENT OF WATER CONTENT OF THE GEORGIAN RIVERS, TAKING INTO CONSIDERATION EXISTING HYDROLOGICAL DATA	Print.	"Energy". №2(86). 2018. Tbilisi. p. 40-44. ISSN 1512-0120	5	I..Lomidze, G. khelidze.
2	Impact of Climate Change on the Flow of Georgian Rivers	Print.	GTU AND UNIFG 1ST JOINT R&D INTERNATIONAL CONFERENCE, BOOK OF ABSTRACTS, JORDI 2018, p. 89-91.	3	G. Khelidze
3	Georgia Facing Energy Shortage	El.	Georgia Today, Electronic Version. 19 June 2018. http://georgiatoday.ge/news/10853/GeorgiaFacing-Energy-Shortage-	--	
4	Development of HPPs - Most Efficient Way to Replace Electricity Imports	El.	Georgia Today, Electronic Version. 25 June 2018. http://georgiatoday.ge/news/10919/-Developmentof-HydropowerPlants%E2%80%9494Most-Efficient-Way-toReplace-ElectricityImports/	--	
5	EVALUATION OF THE ENERGY POTENTIAL OF GEORGIAN RIVERS TAKING INTO ACCOUNT CLIMATE CHANGE FACTOR	Print.	"Energy". №1(89). 2019. Tbilisi. p.71-75. ISSN 1512-0120	5	G. Khelidze
6	The impact of climate evolution on hydropower potential of Georgia	Print.	"Energy" engineering-technical journal - series: "Modern problems of energy and ways to solve them". No. 3(91)/2019, Part II., Tbilisi. p. 109-113.	5	G. Khelidze

7	Quantitative Assessment of Hydropower Potential by the Impacts of Climate Transformation on the Example of the Rivers of Georgia	Print.	World Science. №10(50), Vol.1. October 2019. p. 4-9. DOI: https://doi.org/10.31435/rs-global_ws/31102019/6712 ISSN 2413-1032 იმპაქტ ფაქტორიანი	5	G. Khelidze, L. Shataki- shvili
8	ABOUT ENVIRONMENTAL HYDROPOWER POTENTIAL OF GEORGIAN RIVERS.	Print.	"Energy". №1(93). 2020. Tbilisi. p.15-19. ISSN 1512-0120	5	G. Khelidze, M. Mardalei- shvili
9	ECOLOGICAL ASPECTS OF ARRANGING THE ENERGY RESERVOIRS	Print.	"Energy". №2-3(94-95). 2020. Tbilisi. p. 5-15. ISSN 1512-0120	11	G. Khelidze, M. Mardalei- shvili
10	Calculation of environmental hydropower potential on the example of Tshnistskal river	Print.	"Energy" No. 3-4 (103-104). 2022. ISSN 1512-0120, Tbilisi. Union "Science and Energy", pp. 28-34.	7	M. Mardalei- shvili G. Tsivqara- shvili, N. Kikachei- shvili, T. Shoshia- shvili
11	POSSIBILITIES OF IMPLEMENTING HYDRO-ACCUMULATING POWER PLANTS IN GEORGIA	Print.	"Energy". №3-4(103-104). 2022. Tbilisi. p. 12-19. ISSN 1512-0120	8	G. Khelidze, N. Kvirke- lia
12	Determining the Energy Efficiency of the River Section in Relative Terms	Print.	World Science. 3(81).2023. https://doi.org/10.31435/rs-global_ws/30092023/8022	4	G. Khelidze, T. Bulia
13	Collection of problems on applied hydro-aeromechanics	Print.	Publishing House "Technical University", Tbilisi, 2023, 202 p. ISBN 978-9941-28-983-5	202	G. Khelidze, L. Shataki- shvili T. kiziria N. Kikachei- shvili

14	Methodical instructions for performing laboratory work in the training course "Vane pumps and pumping units"	Print.	Publishing House "Technical University", , 2024., 41p. ISBN 978-9941-28-983-5	41	M. Mardaleishvili, G. Tsivkashvili
----	--	--------	---	----	------------------------------------

Technical University of Georgia,
Faculty of Energy,
Department of Hydropower and Main
Pipeline Systems,
Associate Professor

Bachana Pipia