

List of scientific and learning and teaching works 2023-2014

Manana Mamulashvili

#	Name of scientific work	Type-written	Publishing house or journal	Number of pages	Author/ co-authors
1	STUDY OF THE QUALITY OF ELECTRICAL CONDUCTIVITY OF DEIONIZED WATER OBTAINED FROM NATURAL WATER	printed	Georgian Engineering New №2 vol. 98 https://doi.org/10.36073 ISSN /1512-0187 2023	64-65	Bibileishvili G.V., Butkhuzi T.G., Mamulashvili M.A., Javashvili Z.D.
2.	BACTERIOLOGICAL RESEARCH OF NATURAL WATER AND WINE MATERIALS USING MICRO- AND ULTRAFILTRATION PROCESSES	printed	Georgian Engineering New №2 vol. 98 https://doi.org/10.36073 ISSN /1512-0187 2023	71-72	Bibileishvili G.V., Mamulashvili M.A., Butchuzi T.G., Kakabadze E.G.
3	DETERMINATION OF TURBIDITY INDEX OF WINE AND FRUIT JUICES BEFORE FILTRATION AND AFTER MICROFILTRATION	printed	Georgian Engineering New №2 vol. 98 https://doi.org/10.36073 ISSN /1512-0187 2023	73-73	Bibileishvili G.V., Butchuzi T.G., Mamulashvili M.A., Kakabadze E.G.
4	THE ORETICAL AND EXPERIMENTAL STUDY OF THE GEOMETRY AND PARAMETERS OF THE HYDRODYNAMIC REGIME OF THE PRESSURE CHAMBER OF A FLAT-PARALLEL TYPE MEMBRANE DEVICE FOR MICROFILTRATION OF WINE AND ULTRAFILTRATION OF WATER	printed	Georgian Engineering New №2 vol. 98 https://doi.org/10.36073 ISSN /1512-0187 2023	84-88	Bibileishvili G.V., Kezherashvili M.G., Mamulashvili M.A
5	Environmental contamination with lead and its impact on human health	electroni c	Georgian Scientists Vol. 5 No. 4 (2023) https://doi.org/10.52340/gs..05.04.17 E-ISSN: 2667-9760 Cite Factor IMPACT FACTOR 0,62 2023	188-195	M. MAMULASHVILI E. MATSABERIDZE
6	A study of the nanofiltration process in natural, fresh water dissolved to separate 0.2% MgSO4 and 15% NaCl	printed	Georgian Engineering New №3 vol. 99 https://doi.org/10.36073 ISSN /1512-0187 2023	66-68	Bibileishvili G.V., MamulaShvili M.A. Kakabadze E.G., Kezherashvili M.G., Javashvili Z.D.

7	Studying the optimal mode parameters of the microfiltration separation process and the mechanism of sediment formation on the membrane surface under hybrid flow conditions	printed	Georgian Engineering New №3 vol. 99 https://doi.org/10.36073 ISSN /1512-0187 2023	69-72	Bibileishvili G.V., Kezherashvili M.G., Kuparadze L.P., Mamulashvili M.A., Ebanoidze L.O.
8	SOME ISSUES OF DRINKING AND WASTEWATER TREATMENT BY BAROMEMBRANE PROCESSES	printed	Georgian Engineering New №2, vol.96, 2022 DOI: https://doi.org/10.36073 ISSN /1512-0187	87-88	Bibileishvili G.V., Mamulashvili M.A., Javashvili Z.D. and Kakabadze E.G.
9	STERILE MICROFILTRATION AND MICROBIOLOGICAL ANALYSIS OF SAFERAVI WINE MATERIAL	printed	Georgian Engineering New №2, vol.96, 2022 DOI: https://doi.org/10.36073 ISSN /1512-0187	111-112	Bibileishvili G.V., Mamulashvili M.A., Kezherashvili M. G. and Bibileishvili I.V.
10	SUMMARY STUDY OF THE CHEMICAL COMPOSITION OF APPLE JUICE AND SAPERAVI WINE MATERIAL	printed	Georgian Engineering New №2, vol.96, 2022 DOI: https://doi.org/10.36073 ISSN /1512-0187	113-115	Bibileishvili G.V., Mamulashvili M.A., Butchuzi T.G., Javashvili Z.D.
11	ANALYSIS OF THE INFLUENCE OF THE IMMERSION ANGLE OF THE POLYMER COMPOSITION IN THE BATH ON THE PHASE INVERSION PROCESS	printed	Georgian Engineering New №2, vol.96, 2022 DOI: https://doi.org/10.36073 ISSN /1512-0187	80-81	Bibileishvili G.V., Gogesashvili N.N., Kezherashvili M.G., Mamulashvili M.A., Ebanoidze L.O.
12	STUDY OF THE INFLUENCE OF ACIDS ON THE PHASE INVERSION PROCESS OF THE FORMATION OF MEMBRANES FROM POLYMER COMPOSITIONS	printed	Georgian Engineering New №2, vol.96, 2022 DOI: https://doi.org/10.36073 ISSN /1512-0187	82-83	Bibileishvili G.V., Gogesashvili N.N., Kezherashvili M.G. , Mamulashvili M.A.
13	EFFECT OF HARDNESS SALTS ON THE Z-POTENTIAL AND CONDUCTIVITY OF NATURAL WATER	printed	Georgian Engineering New №1, vol.95, 2022 DOI: https://doi.org/10.36073 ISSN /1512-0187	107-108	Bibileishvili G.V., Mamulashvili M.A., Butchuzi T.G., Kakabadze E.G
14	CALCULATION OF INITIAL THERMODYNAMIC PARAMETERS THROUGH THE MODIFIED ADDITIVITY RULE	printed	Oxidation communications vol. 45, №4 2022 Sofia, BULGARIA Impact Factor 0.541	595-599	E.L.Matsaberidze M.A.Mamulashvili
15	STUDY OF THE INFLUENCE OF VISCOSITY ON THE MORPHOLOGY OF POLYETHERSULFONE (PES) MEMBRANES	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	104-106	Bibileishvili G.V., Kezherashvili M.G., Gogesashvili N.N., Mamulashvili M.A.

16	STUDY OF THE EFFECT OF POLYMER ADDITIVE ON THE STRUCTURE OF MEMBRANES OBTAINED FROM ALIPHATIC AMIDES	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	107-109	Bibileishvili G.V., Gogesashvili N.N., Mamulashvili M.A., Javashvili Z.D
17	MICROBIOLOGICAL STUDY OF FRESH NATURAL WATER TREATED WITH ULTRAFILTRATION MEMBRANES	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	113-114	Bibileishvili G.V., Mamulashvili M.A., Javashvili Z.D., Kakabadze E.G.
18	MICROBIOLOGICAL STUDY OF BLACK SEA WATER AND USE OF ULTRAFILTRATION METHOD TO PROVIDE ECOLOGICALLY CLEAN WATER TO THE RESORT AREA OF GEORGIA	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	115-117	Bibileishvili G.V., Mamulashvili M.A., Javashvili Z.D., Butchuzi T.G
19	INVESTIGATION OF MORPOLOGICAL PROPERTIES OF MEMBRANE FILM FOR POLYETHERSULFONE UNDER THE INFLUENCE OF ORGANIC ADDITIVES	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	118-120	Bibileishvil G.V., Gogesashvili N.N., Mamulashvili M.A., Ebanoidze L.O
20	STUDY OF THE EFFECT OF MICROGEL PARTICLE SIZE IN A POLYMER COMPOSITION ON THE MORPHOLOGY AND CHARACTERISTICS OF MEMBRANES	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	121-122	Bibileishvili G.V., Kezherashvili M.G., Mamulashvili M.A., Ebanoidze L.O
21	Forecasting and its importance in the use of nature	printed	Georgian Engineering New №2, 2021 ISSN /1512-0287	81-85	Mchedlishvili G.S., Mamulashvili M.A.
22	Study of organic component of Georgian therapeutic mud-forfotes by infrared spectroscopy	electronic	International Journal of Progressive Sciences and Technologies (IJPSAT)ISSN: 2509-0119. Iuly2021 Vol. 27, №2	Impact Factor: icv=80,38 SJIF=6,662 IFSIIJ=7,62 5 pp190-195	Liana Ebanoidze, Ekaterine Matsaberidze, Manana MamulaShvili
23	INFLUENCE DEBARINATION-DEFLUORINATION OF BORJOMI MINERAL WATER ON CHORINE	printed	Georgian Engineering News № 2 vol.91 2020	147-148	Bibileishvili G.V., Mamulashvili M.A., Butchuzi T.

24	Elaboration of the Process of Debarination – Defluorination of Molecular and Ionic Systems by Creation of Nanotechnologies and Nanosystems	electronic	International Journal of Progressive Sciences and Technologies (IJPSAT) ISSN: 2509-0119. © 2020 International Journals of Sciences and High Technologies http://ijpsat.ijsht-journals.org Vol. 23 No. 2 November 2020,	Impact Factor: icv=80,3 SJIF=6,662 IFSIJ=7,625 pp 533-540	Giorgi Bibileishvili Manana Mamulashvili Zaza Javashvili
25	INFLUENCE DEBARINATION-DEFLUORINATION OF BORJOMI MINERAL WATER ON CALCIUM	printed	Georgian Engineering News № 2 vol.91 2020	145-146	Bibileishvili G.V., Mamulashvili M.A., Butchuzi T.
26	PURIFICATION OF LEAD CROCOITE PRODUCTION WASTE TECHNOLOGY PROCESSING	printed	The international scientific conference “ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVOPMENT” dedicated to professor VICTOR ERISTAVI’S memory WORKS Tbilisi 2020	104-107	Mamulashvili M.A.
27	STUDY OF THE PROCESS OF ELECTRODIALYSIS PURIFICATION OF THE WASTE WATERS FOR THE LEAD CHROME PRUDUCTION	printed	GTU Collection of Scientific works ISSN 1512-0996 №1(511) Tbilisi 2019	112-118	N.Chkhubianishvil G. Mchedlishvili M.Mamulashvili
28	Purification of waste waters polluted by lead and chromium ions using nanofiltration method	printed	Georgian Chemical Journal, ISSN 1512-0686 VOL.19 №1 2019	66-67	G.Bibilashvili, M. Mamulashvili, M. Kezherashvili, Z.Javashvili, E.Kakabadze
29	Baromembrane processes for processing Grape and tangerine juice	printed	Georgian Chemical Journal ISSN 1512-0686 VOL.19 №1 2019	91-92	G.Bibilashvili, M. Mamulashvili, M. Kezherashvili, Z.Javashvili, E.Kakabadze

30	PURIFICATION OF LEAD THROUGH WATER ELECTRODIALYSIS METHOD	printed	Georgian Chemical Journal, 2018. Vol.18. N1 ISSN 1512-0686	139-142	N. Chkhubianishvili, M. Mamulashvili G. Mchedlishvili, L. Kristesashvili
31	RESEARCH OF NANOFILTRATION PROCESSES WITH QUANTITATIVE DEFINITION OF CHEMICAL ELEMENT CALCIUM (Ca ²⁺)	printed	Georgian Chemical Journal, 2018. Vol.18. N1 ISSN 1512-0686	116-117	N.Gogesashvili M. Mamulashvili N.Mumladze L.Ebanoidze E.Kakabadze T.Bitkhuzi Z.Javashvili
32	DETERMINATION OF THE LIMIT CONCENTRATION FOR THE CONCENTRATE COMPARTMENT SOLUTION	printed	Georgian Engineering News, 2'18 ISSN 1512-0287	73-74	Chkhubianishvili N.G Mamulashvili M.A. Mchedlishvili G.S Kristesashvili L.V Kurtskhalia S.S
33	ELABORATION OF THE TECHNOLOGICAL PROCESS OF THE METHOD OF ELECTRODIALYSIS FOR LEAD CROCOITE WASTE WATER TREATMENT	printed	Georgian Engineering News, 2'18 ISSN 1512-0287	71-72	Chkhubianishvili N.G Mamulashvili M.A. Mchedlishvili G.S Kristesashvili L.V
34	Weighted and Chemicals in Tbilisi sea water Regulation of component quantity by Baromembraneous processes	printed	Georgian Chemical Journal, 2017. Vol.17. N1	181-182	M.Mamulashvili
35	Investigation of chemical stability and mechanical properties of ion-exchange membranes in lead crocoites containing industrial waste waters	printed	Georgian Engineering News, №4, vol. 80. 2016,	116-120	N. Chkhubianishvili, G. Mchedlishvili, L. Kristesashvili, M. Mamulashvil J. Kerkadze
36	Laboratory practicum of industrial facility monitoring. Teaching aid	printed	GTU. Protocol №2. Tbilisi, Publ. House "Technical University", ISBN 978-9941-20-721-1 2016	71	D. Eristavi, M. Mamulashvili E. Matsaberidze
37	Laboratory practicum of natural object monitoring (Teaching aid)	printed	GTU. Protocol №2. Tbilisi, Publ. House "Technical University" ISBN 978-9941-20-722-8 2016	114	D. Eristavi, M. Mamulashvili E. Matsaberidze

CONFERENCES 2023-2014

#	Name of scientific work	Type-written	Publishing house or journal	Number of pages	Author/ co-authors
1	Recycling micro- and by ultrafiltration of water and fruit juices	printed	"Chemistry - Achievements and Perspectives" International Scientific-Methodological Conference dedicated to the 90 th anniversary of Academician Givi Tsintsadze Tbilisi 20/04/2023	113-114	Bibileishvili G., Gogesashvili N., Kezherashvili M., Mamulashvili M., Kufaradze L., Ebanoidze L.
2	CALCULATION OF INITIAL THERMODYNAMIC PARAMETERS USING TECHNOGENIC RAW MATERIALS BY MODIFIED ADDITIVITY METHOD	printed	"Chemistry - Achievements and Perspectives" International Scientific-Methodological Conference dedicated to the 90 th anniversary of Academician Givi Tsintsadze Tbilisi 20/04/2023	176	E. MATSABERIDZE M. MAMULASHVILI
3	Use of polymer membranes in the technological process of wine processing	printed	International Scientific-Practical Conference "Aspects of Innovative Research in Agrarian Sciences" Tbilisi November 20-21, 2021	194-196	Bibileishvili G.V., Gogesashvili N.N., Kezherashvili M.G., Mamulashvili M.A., Ebanoidze L.O
4	The chocolate we eat	printed	87th Open International Conference of STU Students 2020	138	M.Mamulashvili N. Chkoidze - student
5	Development of technology of lead crocoite production waste waters treatment	printed	The international scientific conference “ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVOPMENT” dedicated to professor VICTOR ERISTAVI’S memory ABSTRACTS Tbilisi 2019	52-53	Mamulashvili M.A. Chkhubianishvili N.G Mchedlishvili G.S
6	Creation and processing of polymeric membranes to produce high quality water	printed	The international scientific conference “ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVOPMENT” dedicated to professor VICTOR ERISTAVI’S memory ABSTRACTS Tbilisi 2019	57-58	G.Bibileishvili M. Kezherashvili N.Gogesashvili M.mamulashvili

7	Study of hexavalent chrome And lead concentration in the waste waters during electrodialysis	printed	"Chemistry - Achievements and Perspectives" International Scientific- Methodological Conference dedicated to the 85th anniversary of Academician Givi Tsintsadze Tbilisi 2018	211-213	N.Ghkubianishvili, M. Mamulashvil G.Mchedlishvili
8	Eiectrik equipment and eiectromagnetik radiation	printed	"Chemistry - Achievements and Perspectives" International Scientific- Methodological Conference dedicated to the 85th anniversary of Academician Givi Tsintsadze Tbilisi 2018	213-215	M. Mamulashvili E.Matsaberidze, N.Rachvelishvili
9	HARMFUL EFFECT OF HOUSEHOLD CHEMISTRY ON HUMAL	printed	PROCEEDINGS OF INTERNATIONAL SCIENTIFIC-PRACTIKAL CONFERENCE "SCIENCE ANDINNOVATIVE TECHNOLOGIES" VOLUME II KUTAIISI-2018	179-183	E.Matsaberidze M.Mamulashvili
10	PURIFIKATION OF LEAD CROCOITE PRODUKTION WASTE WATERS THROUGH ELECTRODIALYSIS METHOD USING IONEXCHANGE MEMBRANES	printed	PROCEEDINGS OF INTERNATIONAL SCIENTIFIC-PRACTIKAL CONFERENCE "SCIENCE ANDINNOVATIVE TECHNOLOGIES" VOLUME II KUTAIISI-2018	172-174	Chkhubianishvili N.G Mchedlishvili G.S Matsaberidze E.L. Kristesashvili L.V
11	Purification of lead crocoite- containing waters using ion- exchange membranes	printed	86 th International Student Scientific Conference Collection of theses Tbilisi 2018	123	M.Mamulashvili
12	Nanotechnology method for water disinfection	printed	II International conference: Modern Technologies and Methods of Inorganic Materials Science. Collection of reports. Tbilisi. 2015	301-302	D. Eristavi, N. Bibiluri Sh. Andguladze A. Gogishvili M. Gugeshidze E. Matsaberidze M. Mamulashvili