

List of Gela Machaidze's scientific and educational-methodical works

№	Name of scientific papers	Printed or handwritten	Publishing house, magazine (issue, year) or copyright certificate number	Number of printed plates or pages	Co-author's last name
1	2	3	4	5	6
2014 – 2023 წწ.					
1	Technology of processing of thick layers of coal of Tkibul-Shaori deposit with coal underground dropping and release	printed	Prospects for the development of the mining industry in Georgia. Resource-reproducing, low-waste and environmental technologies for subsoil development. GTU, Peoples' Friendship University of Russia, 13th International Conference, Tbilisi. Collection of reports, 15-21 September, 2014	pp. 115-116	I. Gujabidze
2	Analysis of the use of continuous and cyclic modes of transport in mining enterprises	printed	„Mining Journal“, Tbilisi, 2015;	pp. 57-59	N. Molodini, R. Molodini
3	Current state and development perspectives of the coal industry of Georgia	printed	Mineralogical Society of Georgia, Georgian Technical University, International Scientific-practical Conference on up-to-date problems of Geology. Book of Abstracts, GTU, Tbilisi, „Technical University“, 19-20 May, 2016. ISBN 978-9941-28-854-8.	pp. 80-85	G. Lobjanidze, D. Loria, D. Labadze.
4	Georgian mineral resources as the country's economic growth and to improve the competetniveness factor	printed	Mineralogical Society of Georgia, Georgian Technical University, 3-rd International Scientific-practical Conference on up-to-date problems of Geology. Book of Abstracts, GTU, Tbilisi, „Technical University“, 1-2 June, 2017. ISBN 978-9941-28-854-8.	pp. 126-129	G. Lobjanidze B. kakhadze, T. Butulashvili, K. Mdinaradze, G. Khetsuriani, D. Labadze, D. Loria.
5	Current aspects of the system of effective utilization of heat and energy resources of Georgia based on the formation of clusters	printed	Journal „Georgian Oil and Gas“, №32, 2017. ISSN-1512-0457	pp. 14-23	G. Lobjanidze, G. Khetsuriani, D. Labadze, D. Loria
6	About the strategic directions of the development technology of the minefield named after E. Mindeli of the Tkibul-Shaori deposit	printed	4th Annual Open Scientific Conference „Actual Problems of Mining and Geology“ G. Tsulukidze Mining Institute, December 9, 2017	pp. 9-10	G. Lobjanidze, D. Loria A. Tavelishvili, D. Robakidze

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7	Possibilities of innovative infrastructure formation in increasing the efficiency of the enterprises of the mining industry of Georgia	printed	Journal „Mining Journal“, № 1(40), 2018 წ. ISSN 1512-407X	pp. 54-61	G. Lobjanidze, B. Kakhadze, D. Labadze, D. Loria.
8	About the strategic directions of the development technology of the minefield named after E. Mindeli of the Tkibul-Shaori deposit	printed	Journal „Mining Journal“, № 2(41), 2018 წ. ISSN 1512-407X	გვ. 18-24	G. Lobjanidze, D. Loria, A. Tavelishvili, D. Robakidze
9	Current aspects of sustainable development of mining industry	printed	Mineralogical Society of Georgia, Georgian Technical University, 4-td International Scientific-practical Conference on up-to-date problems of Geology. Book of Abstracts, GTU, Tbilisi, „Technical University“, 29-30 May, 2018. ISBN 978-9941-28-854-8.	pp. 65-70	G. Lobjanidze, G. Khetsuriani, D. Labadze, D. Loria, G. Nanitashvili.
10	Processes of underground mining works printed e-mail	printed	Electronic guide, GTU, 2018	317 p.	D. Kupatadze
11	Basics of underground processing of deposits	printed	Electronic guide, GTU, 2018	141 p.	D. Kupatadze
12	Projecting careers	printed	Electronic guide, GTU, 2018	188 p.	T. Sharashenidze, D. Kupatadze
13	Technology of underground processing of stratified deposits	printed	Electronic guide, GTU, 2018	165 p.	D. Kupatadze
14	Managing the state of the rock mass during open-ended processing	printed	Electronic guide, GTU, 2018	133 p.	T. Sharashenidze, D. Kupatadze
15	Management of the state of the mining massif	printed	Electronic guide, GTU, 2018	235	I. Janiashvili
16	Trends in the development of mining business of Georgia at the modern stage: achievements, problems, perspectives	printed	Journal „Mining Journal“, № 1(42), 2019 წ. ISSN 1512-407X	pp. 48-62	G. Lobjanidze, G. Tabatadze, D. Labadze, D. Loria, G. Nanitashvili
17	Economic development perspectives of mining industry in the conditions of globalization	printed	Mineralogical Society of Georgia, Georgian Technical University, 5-td International Scientific-practical Conference on up-to-date problems of Geology. Book of Abstracts, GTU, Tbilisi, „Technical University“, 29-30 May, 2019. ISBN 978-9941-28-854-8.	pp. 67-70	G. Lobjanidze, D. Labadze, G. Tabatadze, B. Kakhadze, T. Butulashvili, G. Khetsuriani, G. Nanitashvili.

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18	Green economy and current aspects of mastering mineral resources in globalization	printed	Mineralogical Society of Georgia, G. Tsulukidze Mining Insitute and Georgian Technical University, 6-td International Scientific-Practical Conference on Up-to-date Problems of Geology: „THE DEVELOPMENT OF MINING AND GEOLOGY IS THE PRECONDITION FOR THE REVIVAL OF ECONOMY“. Book of Abstracts, GTU, Tbilisi, „Technical University“, September 24 – 25, 2020. ISBN 978-9941-28-854-8.	pp. 52-55	G. Lobjanidze, B. Kakhadze, T. Butulashvili, G. Khetsuriani, G. Nanitashvili
19	Global trends and current aspects of Georgia's integration in international business	printed	International scientific conference on "Government and Society - 2020", November 12, 2020. STU, Faculty of Business Technologies, Proceedings of the XIV International Scientific Conference, Publishing House, „Technical University“, 2020.	pp. 310-331	G. Lobjanidze, L(Z). Gudavadze.
20	Global challenges and prospects for efficient use of mineral resources	printed	Mineralogical Society of Georgia, G. Tsulukidze Mining Insitute and Georgian Technical University, Convene International Scientific-Practical Conference on Up-to-date Problems of Geology: „THE DEVELOPMENT OF MINING AND GEOLOGY IS THE PRECONDITION FOR THE REVIVAL OF ECONOMY“. Book of Abstracts, GTU, Tbilisi, „Technical University“, september 23 - 24, 2021. ISBN 978-9941-28-854-8.	pp. 57-60	G. Lobjanidze, B. Kakhadze, T. Butulashvili, G. Nanitashvili, G. Khetsuriani
21	Global challenges and prospects of efficient use of mineral resources	printed	Journal „Mining Journal“, № 1(45), 2022 წ. ISSN 1512-407X	pp. 5-12	G. Lobjanidze, B. Kakhadze, T. Butulashvili, G. Nanitashvili, G. Khetsuriani
22	Prospects for the formation of mining-industrial clusters in the Imereti region	printed	Journal „Mining Journal“, № 1(45), 2022 წ. ISSN 1512-407X	pp. 12-23	G. Lobjanidze, G. Nanitashvili, L(Z). Gudavadze
24	Current aspects of digital transformation in mining industry	printed	Mineralogical Society of Georgia, Mining Insitute, GTU, Institute of hydrogeology and engineering geology. The 8th International Scientific-Practical Conference on Up-to-date Problems of Geology: „THE DEVELOPMENT OF MINING AND GEOLOGY IS THE PRECONDITION FOR THE REVIVAL OF ECONOMY“. Book of Abstracts. GTU, Tbilisi, „Technical University“, Octomber 20 - 21, 2022. ISBN 978-9941-28-854-8.	pp. 71-75	G. Lobjanidze, T. Lipartia, B. Kakhadze, T. Butulashvili, G. Nanitashvili, G. Khetsuriani.

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25	Current aspects of the digital transformation of the mining industry	printed	Journal „Mining Journal“, №1(46), 2023. ISSN 1512-407X	pp. 12-20	G. Lobjanidze, T. lipartia, B. Kakhadze, T. Butulashvili, G. Nanitashvili, G. Khetsuriani
26	Current socio-economic trends of mining and geological industry development in the period and conditions of globalization	printed	National Academy of Sciences of Georgia, Ivane Javakhishvili Tbilisi State University, Alexander Janelidze Institute of Geology, Tbilisi, May 4-5, 2023, jubilee international scientific conference, dedicated to the 90th birthday of academicians Erekle Gamkrelidze and Davit Shengelia, theses. ISBN 978-9941-8-5416-3	გვ. 39-40	G. Lobjanidze, B. Kakhadze, T. Butulashvili, L(Z). Gudavadze.
27	Mining-geological and metals industry business risks, opportunities and prospects	printed	Mineralogical Society of Georgia, G. Tsulukidze Mining Institute Georgian Technical University Institute of Hydrogeology and Engineering Geology Convene International Scientific-Practical Conference on Up-to-date Problems of Geology: „THE DEVELOPMENT OF MINING AND GEOLOGY IS THE PRECONDITION FOR THE REVIVAL OF ECONOMY“. Book of Abstracts, GTU, Tbilisi, „Technical University“, september 28 - 29, 2023, ISBN 978-9941-8-5846-8.	pp. 93-98	G. Lobjanidze, B. Kakhadze, L(Z). Gudavadze, T. Butulashvili
28	PROBLEMS OF RATIONAL EXPLOITATION AND EFFICIENT USE OF MINERAL RESOURCES AND THE MAIN DIRECTIONS OF THEIR SOLUTION IN GEORGIA	printed	Georgian Technical University, Batumi Shota Rustaveli State University, Progress of Education and Science, 2nd Annual International Scientific-Technical Conference „Problems of Engineering Sciences", dedicated to the fifteenth anniversary of the scientific-technical journal „Building“ .SCIENTIFIC-TECHNICAL JOURNAL, „BUILDING“ №3(67), 2023. ISSN 1512-3936; DOI:thhps://doi.org/10.36073/1512-3936	pp. 146-151.	A. Abshilava, L. (Z.) Gudavadze, G. Lobjanidze