

List of educational-methodic and scientific works of **Medea Oniani**, Associate professor of the department of mining technologies, Mining-Geology faculty, GTU

#	Name of the scientific work	Printed or handwritten	Publisher, Journal (Number and year) or author's identification number	Number of pages	Co-authors
1	2	3	4	5	6
I. Educational Methodic Works					
Textbook					
1	Mining Mechanics (assistive textbook)	Printed	Tbilisi, GTU Publishing, 1992	112	Sh. Oniani, B. Gvritishvili
2	Basics of mining automation (lectures summary)	Electronic	2018	67	
3	Computer Technologies (lectures summary)	Electronic	2018	32	
Educational Methodic Works					
4	Methodical guidelines for carrying out laboratory works in electronic and automation devices	Printed	Georgian Polytechnical Institute, 1989	24	N. Arudashvili, R. Ghaghanidze
5	Computer Technologies	Printed	Publishing house "Technical University", 2011	42 pages	–
6	Computer Technologies	Printed	Publishing house "Technical University", 2014	55 pages	–

7	Automation of mining mineral processing	Printed	Publishing house "Technical University", 2016	62 pages	Roin Enageli
8	Basics of mining automation	Printed	Publishing house "Technical University", 2016	43 pages	Roin Enageli
9	Automation of mining extraction processes	Printed	Publishing house "Technical University", 2021	85 pages	Roin Enageli
10	Control and operation methods of mining processes	Printed	Publishing house "Technical University", 2023	104 pages	Roin Enageli, Otar Rcheulishvili
II. Publications					
Monography					
1	Optimization of flotation process (monography)	Printed	Monography, "Technical University", 2012	130 pages	–
Scientific Articles					
1	Distribution of air quantity, pressure and temperature in the railway tunnels and galleries under artificial and natural pull without taking into account their inter influence	Printed (in Russian)	Publishing house "Science", "Mining Mechanics and Transport", 1990, pp 3-9	7	Sh. Oniani, T. Pirtskhalava
2	Joint work of ventilators and natural pull in case of longitudinal ventilation of transport tunnels	Printed (in Russian)	Georgian Academy of Sciences "Moambe", 137, #2, 1990	4	Sh. Oniani

3	Characteristics of the distribution of natural pulling acting on the ventilation systems of the transport tunnels of Caucasus mountains	Printed	Technical University Works #2(375), 1991, pp 41-45	5	Sh. Oniani, O. Lanchava
4	On optimization topics of flotation process	Printed	Mining Journal, #1(3), 1999, pp 41-42	2	-
5	Characteristics of flotation process	Printed	Mining Journal, #2(5), 2000, pp 50-51	2	G. Butskhrikidze
6	Optimization of flotation process using linear programming method	Printed	Mining Journal, #1(8), 2002, pp 48-49	2	G. Butskhrikidze
7	Planning of experiments for mathematical description of flotation process	Printed	Mining Journal, #2(15), 2005, pp 82-83	2	G. Butskhrikidze
8	Optimization criteria and tasks for mineral enrichment processes	Printed	Mining Journal, #2(15), 2005, pp 79-81	3	G. Butskhrikidze
9	Operation of flotation processes by regime parameters	Printed	"Mining Journal", N1-2(18-19), 2008	pp 12-14	-
10	Corrected mechanical characteristics of short circuit rotor asynchronous motor	Printed	"Mining Journal", N2(35), 2015	pp 28-31	M. Tsereteli, N. Makharashvili
11	Optimization of flotation processes by regime parameters	Printed	GTU Collection of scientific papers N4(502), 2016	pp 73-80	Roin Enageli

12	Forecast of optimization results	Printed	GTU Collection of scientific papers N3(505), 2017	pp 93-99	Roin Enageli
III. Participation in Conferences (Theses)					
1	Topics of optimization of flotation process	Printed	Theses of the speakers at the Open Professor-Teacher Scientific Technical conference dedicated to 80 years anniversary of the Georgian Technical University, Tbilisi, Publishing House "Technical University", 2002, pp 55-66	2	-
IV. Inventions (Authorship Certificates or Patents)					
1	Invention "Automatic regulation method of the sediment machine"	Printed (in Russian)	Authorship certificate #822895, Application #2643233, Registered 22.12.80	3	M. Gamtsemlidze, G. Butskhrikidze etc.