

List of scientific publications Nadirashvili Petre
(Surname, Name)

#	Scientific publications title	printed or handwriting	Publishing house, journal (number, year) or author's certificate number	Number of printed sheets or pages	Co-author name
1	2	3	4	5	6
1	Ways to further improve the performance indicators of aerodrome runways	Printed	Publishing House "Technical University" „GTU Publications“ #4(432) Tbilisi 2000 ISSN 0201-7164	2	
2	Use of granulated stone materials in road construction in Georgia	Printed	Publishing House "Technical University" „GTU Publications“ #4(432) Tbilisi 2000 ISSN 0201-7164	2	B. Goglidze D. Dekanosidze
3	Small mechanization of road pavement surface treatment	Printed	Publishing House "Technical University" „GTU Publications“ #1(440) Tbilisi 2002 ISSN 1512-0996	3	B. Goglidze B. Kachiuri
4	Semi rigid road pavements	Printed	Georgian National Intellectual Property Center "SAKPATENTI" Patent for the invention P3096 Valid from 19.10.2001	3	V. Goglidze B. Goglidze A. Burduladze G.Taturashvili T. Mekanarishvili
5	Cement-sand mortar distribution aggregate	Printed	Georgian National Intellectual Property Center "SAKPATENTI" Patent for the invention P3097 Valid from 19.10.2001	4	V. Goglidze B. Goglidze A. Burduladze G.Taturashvili T. Mekanarishvili
6	Improvement of transport-operational properties of asphalt-concrete pavements in conditions of intensive influence of horizontal forces under the action motor transport	Printed	Publishing House "Committee IFToMM Georgia" International scientific journal "Problems of Applied Mechanics". #4(13) Tbilisi 2003 ISSN 1512-0740	6	V. Goglidze A. Burduladze
7	Cold asphalt-concrete road pavement construction method	Printed	Georgian National Intellectual Property Center "SAKPATENTI" Utility Model Patent U1090 Valid from 18.03.2003	2	L. Goglidze B. Goglidze A. Burduladze D. Gabruashvili G.Taturashvili T. Mekanarishvili

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8	Laboratory test method on wear for road pavement	Printed	Georgian National Intellectual Property Center "SAKPATENTI" Utility Model Patent U1092 Valid from 18.03.2003	4	L. Goglidze B. Goglidze A. Burduladze D. Gabruashvili G.Taturashvili T. Mekanarishvili
9	Tool for laboratory testing of asphalt-concrete shear strength	Printed	Georgian National Intellectual Property Center "SAKPATENTI" Utility Model Patent U1093 Valid from 18.03.2003	3	L. Goglidze B. Goglidze A. Burduladze D. Gabruashvili G.Taturashvili T. Mekanarishvili
10	The development of key criteria for creation of small mechanization for surface treatment of road pavement in the light of modernization of appropriate constructions and building technologies	Printed	Publishing House "Committee IFToMM Georgia" International scientific journal "Problems of Applied Mechanics". #1(14) Tbilisi 2004 ISSN 1512-0740	3	V. Goglidze A. Burduladze B. Goglidze
11	Pavement design calculation in conditions of intense influence of horizontal forces	Printed	Information and Publishing Center "TIMR". Scientific-Technical Almanac "Problems of development of transport and engineering communications". #1 Moscow 2004 Certificate #014432	3	V.Goglidze A. Burduladze T. Mekanarishvili
12	Maintenance of Airdromes	Printed	Publishing House "Technical University" Book Tbilisi 2005 ISBN 99928-943-5-0	64	V.Goglidze D.Burduladze N. Eloshvili
13	Natural Disasters and Georgian Roads	Printed	Editorial Office of "Energy" Journal Scientific-Technical Journal "Energy" #4(36) Tbilisi 2005 ISSN 1512-0120	2	T. Mekanarishvili D. Gabruashvili G. Suramelashvili

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14	Perspectives of using bitumen emulsions in Tbilisi Road construction	Printed	Editorial Office of "Energy" Journal Scientific-Technical Journal "Energy" #4(36) Tbilisi 2005 ISSN 1512-0120	2	T. Mekanarishvili D. Gabruashvili G. Suramelashvili
15	Application of the indicator of energy costs for the construction of mountain highways as an assessment criterion design solution	Printed	Georgian Road Institute Full Texts Book #3 Tbilisi 2007 ISSN 1512-1003	8	N. Mirimanov T. Mekanarishvili
16	Semi-rigid (composite) road pavements using old asphalt-concrete	Printed	Publishing House "Technical University" „GTU Publications“ #1(467) Tbilisi 2008 ISSN 1512-0996	5	A. Burduladze T. Mekanarishvili M. Magradze
17	Special milling machine for breaking asphalt-concrete by cold method	Printed	Publishing House "Technical University" „GTU Publications“ #2(468) Tbilisi 2008 ISSN 1512-0996	5	A. Burduladze T. Mekanarishvili M. Magradze
18	Conditions for improving the shear strength resistance parameters of flexible road pavements using polymer-modified bitumen	Printed	Georgian Road Institute Full Texts Book #4 Tbilisi 2009 ISSN 1512-1003	5	G.Chubinidze G.Taturashvili
19	Optimization of asphalt-concrete pavement in the conditions of mountainous relief	Printed	Georgian Technical University and Engineering Academy of Georgia Quarterly scientific journal "Business Engineering" #1(2) Tbilisi 2012 ISSN 1512-0538	5	D.Burduladze M. Shishinashvili
20	Modern systems of road diagnostics	Printed	Publishing House "Transport and Mechanical Engineering" Scientific-Technical Journal "Transport and Mechanical Engineering" #2(24) Tbilisi 2012 ISSN 1512-3537	7	Z.Meladze T. Papuashvili D. Demetrashvili

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21	Modification of asphalt-concrete with polyethylene	Printed	Publishing House "Transport and Mechanical Engineering" Scientific-Technical Journal "Transport and Mechanical Engineering" #1(26) Tbilisi 2013 ISSN 1512-3537	6	T. Papuashvili Z. Meladze T. Mekanarishvili
22	Modification of road bitumen's using polymer additives	Printed	Scientific-Technical Journal "Building" #1(28) Tbilisi 2013 ISSN 1512-3936	4	T. Papuashvili Z. Meladze T. Mekanarishvili
23	Mathematical modeling of experimental search outcomes of asphalt-concrete	Printed	Publishing House "Technical University" Georgian Electronic Scientific Journal "Computer Science and Telecommunications" #2(46) Tbilisi 2015 ISSN 1512-1232	5	Z. Meladze T. Mekanarishvili
24	Road preservation management system (RPMS)	Printed	Scientific-Technical Journal "Building" #1(48) Tbilisi 2018 ISSN 1512-3936	4	T. Mekanarishvili Z. Meladze I. Urushadze
25	Knowledge and analysis of the OPRC management in Georgia	Printed	International Scientific Journal "Theoretical & Applied Science" #06(62) Philadelphia, USA 2018 ISSN 2308-4944 Impact Factor IF	7	M. Shishinashvili T. Mekanarishvili
26	Gravel road maintenance and preservation for low traffic volume road network draft strategy	Printed	Scientific Publishing Center "Discovery" Collected Scientific Articles of the IX International Scientific Conference "The Latest Research in Modern Science: Experience, Traditions and Innovations" Morrisville, Nc, USA 2019 ISBN 978-0-359-77551-4	5	M. Shishinashvili T. Mekanarishvili G. Chubinidze
27	Calculation of asphalt-concrete pavement temperature regimes	Printed	Scientific-Technical Journal "Building" #2(55) Tbilisi 2020 ISSN 1512-3936	6	Z. Meladze T. Mekanarishvili S. Tsiptauri

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28	Increasing resistance to rutting of asphalt-concretes using basalt	Printed	Scientific-Technical Journal "Building" #3(59) Tbilisi 2021 ISSN 1512-3936	4	Z. Meladze T. Mekanarishvili
29	Analysis of the performance based contracting strategy in road engineering	Printed	Publishing House "IKSAD GLOBAL" International Conference on Global Practice of Multidisciplinary Scientific Studies. Proceeding Book "Science Georgia" Tbilisi. Georgia. 2022 ISBN: 978-625-8323-63-4	5	N. Rurua T. Mekanarishvili Z. Meladze
30	Improving the durability of flexible road pavements using basalt	Printed	Publishing House "Technical University" Centenary International Student Conference on Innovative Technologies in Engineering Full Texts Book Tbilisi, Georgia 2022 ISBN: 978-9941-28-912-5	7	S. Nozadze
31	Modern methods of road pavement wearing course restoration	Printed	Publishing House "Technical University" Centenary International Student Conference on Innovative Technologies in Engineering Full Texts Book Tbilisi, Georgia 2023 ISBN: 978-9941-28-943-9	11	K. Khidasheli
32	Analysis for asphalt pavement rehabilitation	Printed	International Scientific and Technical Conference "Problems of Applied Mechanics," Book Of Abstracts ISBN: 978-9941-33-517-4 Tbilisi. Georgia. 2023	1	N. Rurua M. Shishinashvili G. Chubinidze
33	Flexible pavement maintenance and rehabilitation analysis	Printed	Scientific-Technical Journal "Building" #3(67) Tbilisi 2023 ISSN 1512-3936	6	N. Rurua M. Shishinashvili G. Chubinidze

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1	2	3	4	5	6
34	Road infrastructure for tourism improvement for the Kazbegi region in Georgia	Printed	Liberty Academic Publishers (New York, USA) International Congress on Advanced Research and Applications Full Texts Book Sivas. Turkey. 2023 ISBN: 978-1-955094-74-0	6	M. Shishinashvili G. Chubinidze
35	Output-Based Performance Road Contract (OPRC) Management and Strategy	Printed	Publishing House "Technical University" From a series of monographs "Ecology of the Environment" European Innovative Technologies in Environmental Engineering Tbilisi 2023 ISBN 978-9941-512-11-7	11	N. Rurua K. Iremashvili
36	Low Traffic Volume Road Pavement Engineering	Printed	Publishing House "Technical University" From a series of monographs "Ecology of the Environment" European Innovative Technologies in Environmental Engineering Tbilisi 2023 ISBN 978-9941-512-11-7	9	M. Shishinashvili G. Chubinidze
37	Studying the structure of the road pavement and specifying the repair method	Printed	Publishing House "Technical University" „GTU Publications“ #2(532) Tbilisi 2024 ISSN 1512-0996 DOI:https://doi.org/10.36073/1512-0996	7	N. Rurua Kh. Iremashvili
38	Shear resistant semi-rigid road pavements	Printed	Publishing House "Technical University" Scientific refereed journal "Science and Technologies" #1(744) Tbilisi 2024 ISSN 0130-7061 DOI:https://doi.org/10.36073//0130-7061	5	Kh. Iremashvili

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39	Mathematical modeling of torrent inflow into a reservoir using the numerical solution of the two-dimensional (2D) equation of small-amplitude wave theory	Printed	Publishing House "Technical University" XI International Scientific and Technical Conference „Modern Problems of Water Management, Environmental Protection, Architecture and Construction“ Collected Papers Tbilisi. Georgia. 2024 ISSN 1512-2344 DOI:https://doi.org/10.36073//1512-2344	7	Kh. Iremashvili G. Berdzenashvili
40	Example of the flood modeling caused by the failure of the earth dam and the parameters dependence graphs on time	Printed	Publishing House "Technical University" The 3nd Forum Dedicated to World Water Day Collected Papers Tbilisi. Georgia. 2024 ISBN 978-9941-512-58-2	10	Kh. Iremashvili G. Berdzenashvili
41	Selection of an effective road maintenance method based on pavement diagnostics	Printed	Institute Of Economic Development and Social Researches Publications Tashkent International Congress on Modern Sciences-III Proceedings Book Tashkent. Uzbekistan. 2024 ISBN: 978-625-367-708-4	7	N. Rurua A. Burduladze M. Shishinashvili G. Chubinidze
42	Condition rating of the road pavement and selection of repair methods	Printed	IKSAD Publishing House Tokyo 9th International Innovative Studies & Contemporary Scientific Research Congress Proceedings Book Tokyo. Japan. 2024 ISBN: 978-625-367-884-5	6	A. Burduladze M. Shishinashvili G. Chubinidze
43	Modern methods for extending the service life of asphalt road pavements	Printed	Liberty Publishing House 11th international New York conference on evolving trends in interdisciplinary research & practices. Proceedings Book USA. Manhattan, New York City 2025 ISBN: 979-8-89695-019-6	8	A. Burduladze M. Magradze M. Shishinashvili G. Chubinidze