

List of scientific works

Vasil Khorava

№	Name of the scientific work	Printed or handwriting	Publication, magazine (number, year) or number of copyright certificate	Name of the printed pages	Name of the co-author
1	2	3	4	5	6
1.	In traction substations, three networks operate under inverter operating conditions under conditions of parallel rotation of the reversing regulator.	Printed	The fourth international scientific conference. Energy: Regional Problems and Development Perspectives. Kutaisi, 2016 29-30 October	2	G.Kokhreidze, G.Prangishvili, E.Tetunashvili
2.	Mathematical modeling of electromagnetic transition processes in the reversible inverter aggregates in time interconnecting intervals of the engine of the traction in the recuperative braking.	Printed	Scientific-Technical Journal "Energy", Tbilisi 2016 №3(79). PG.24-29. ISSN 1987-8257 www.energyonline.ge	6	G.Kokhreidze, G.Prangishvili, E.Tetunashvili
3.	Mathematical Modeling and Analysis of Processes in an Integrated Frequency Regulating Asynchronous Traction Engine Unified Transforming System.	Printed	Third Georgian Polish International Scientific Technical Conference "The transport bridge is Europe Asia". October 24-26, 2017 Kutaisi.	8	G.Kokhreidze, M.Bakhtadze G.Prangishvili, N.kekelia, B.Kereleishvili
4	Comparison of Water Erosion Prediction Models In Open Channels.	Printed	Abstracts of the 86th International Scientific Conference. "Technical University", 2019. p.37	1	
5	Modeling es a Method for Erosion Studies	Printed	Hydroengineering. 2019. # 1-2(27-28) pp.30-36. (Engl.)	7	I. Inashvili, A. Bagration-Davitashvili, I. Klimiashvili
6	Water Erosion Processes in Georgia	Printed	Hydroengineering. 2019. # 1-2 (27-28) pp.44-50. (Engl.)	7	A. Bagration-Davitashvili, I. Inashvili, I. Klimiashvili
7	Modeling of Washing-Out of Non-Converse Soils	Printed	Hydroengineering. 2019. # 1-2 (27-28) pp.51-56. (Engl.)	6	Inashvili, A. Bagration-Davitashvili, *L. Dzienis
8	Selection of ground control tools and their ranking according to the degree of potential threats	printed	Scientific and Technical Journal "Building".Tbilisi. 2020, #1(54). – pp.39-45, <i>ISSN 1512-3936</i> <i>www.sheneba.ge</i>	11	N.Rurua D.Chanturia
9	About the installation of rails on anchored reinforced concrete sleepers "Pandrol" in curves of a small radius on the elevated sections of the metro	printed	Scientific and Technical Journal "Building".Tbilisi. 2020, #3(56). – pp.113-118, <i>ISSN 1512-3936</i> <i>www.sheneba.ge</i>	6	N.Rurua D.Khoshtaria

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1	2	3	4	5	6
10	About the implementation of modern technologies for the construction of new progressive road structures and maintenance works in the Tbilisi metro	printed	Scientific and Technical Journal "Building".Tbilisi. 2021, #2(58). – pp.28-34, <i>ISSN 1512-3936</i> <i>www.sheneba.ge</i>	7	N.Rurua D.Khoshtaria A.Gurgenidze
11	On justification of the possibility of construction of Kopitnari - Mestia narrow-gauge railway	printed	Scientific and Technical Journal "Building".Tbilisi. 2021, #2(58). – pp.117-121, <i>ISSN 1512-3936</i> <i>www.sheneba.ge</i>	6	M. Moistrapishvili N.rurua G.Chitaishvili N.No zadze
12	The Economic advantages of the narrow-gauge railways line over the construction of solid paved roads	Printed	International journal of Latest Trends in Engineering and Technology. (Engl.)p-ISSN: 2319-3778 (print); e-ISSN: 2278-621X (online). ISO 9001:2008. Issue 7, vol: 7, July -2021. IJLTET-2021-3446. Cosmos Impact Factor – 4.490/10	6	M. Moistsrapishvili N. Rurua
13	Narrow-gauge railways for the mountainous regions of Georgia	Printed	The International Scientific and Technical Conference “Problems of Engineering Sciences”. Yerevan, 20-22 may, 2022. Book of abstracts - pp.55-56, (Engl.	2	K. Mchedlishvili, N. Rurua A.Gurgenidze
14	Problems of operating low freight/load railway lines (lfrl) in georgia and development of concepts for the key strategies that needs to be implemented	Printed	International Conference on Global Practice of Multidiciplinary Scientific Studies Dedicated to the 100th Anniversary of "Georgian Technical University - GTU" June 24-26, 2022 / Tbilisi, Georgia. pp.432-436, (Engl.) ISBN: 978-625-8323-63-4	5	M.Moistsrapishvili, N. Rurua A.Gurgenidze
15	Justification of the feasibility of including the lightly loaded Kakheti railway line in order to create a new international railway direction.	Printed	Scientific and Technical Journal "Building".Tbilisi. 2022, #4(64). – pp.22-27, <i>ISSN 1512-3936</i> DOI: https://doi.org/10.36073/1512-3936 <i>www.mshen-journal.ge</i>	6	M.Moistsrapishvili, N. Rurua A.Gurgenidze
16	Features of calculation of longitudinal loads on the main area of the earthen track with the aim of improving the operational properties of the railway.	Printed	Scientific and Technical Journal "Building".Tbilisi. 2023, #2(66). – pp.105-111, <i>ISSN 1512-3936</i> DOI: https://doi.org/10.36073/1512-3936 <i>www.mshen-journal.ge</i>	7	T.Papuashvili, N. Rurua B.Kvaratskhelia
17	About the determination of the boundaries of the working zone on the main platform of the roadbed, located under the rolling stock	Printed	"Transport and Machine Building", Tbilisi. 2024, #1(59).-pp.24-30. ISSN 1512-3537. DOI: https://doi.org/10.36073/1512-3537 <i>www. Journaltm.gtu.ge</i>	7	N. Rurua T. Papuashvili K. Iankoshvili,

18	Limit loads transmitted from railway rolling stock under the conditions for calculating the stability of railway embankments	Printed	Collection of Scientific Works of Stu, Tbilisi. 2025, N1 (533) - p. 287-294. ISSN 1512-0996 DOI: https://doi.org/10.36073/1512-0996 www.shromebi.gtu.ge	6	N. Rurua T. Papuashvili M. Moistsrapishvili, T. Pochkhidze
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