

Scientific and Teaching-Methodical Works List

David Kapanadze

№ № პ.წ.	Name of Scientific Works	Publication, Journal (Number, Year) gamomcemloba, Jurnal (nomeri, weli) and ISBN/ISSN/E-ISSN	Pages	Co-authors surnames and names
1	2	3	4	5
Scientific Articles				
1.	E-Learning Personalization Models	“Innovations In Education: Prospects And Challenges Of Today” Proceedings Of The II International Scientific And Practical Conference Sofia, Bulgaria January 16 - 19, 2024 Isbn – 979-8-89292-753-6 Doi – 10.46299/Isg.2024.1.2	pp. 335-341	G. Tandilashvili, T. Zhvania
2.	<u>Analysis And Classification Of Factors Contributing To Personalization In E-Learning</u>	Georgian Scientists, E-ISSN: 2667-9760 https://doi.org/10.52340/gS.2024.06.01.12	p.8	Tandilashvili George, Kapanadze David , Zhvnia Taliko, Kiknadze Mzia
3.	Application Of Neural Networks for Analysis of Sustainable Regional Development	The 4th International Conference "Problems of Engineering Sciences" dedicated to the 1750th anniversary of the establishment of Phasis Academy was held in Batumi, Georgia, ISBN 978-9941-33-845-8	p.5	Zhvania Taliko, Kiknadze Mzia, Todua Tea, Kapanadze David
4.	On the evolutionary development of the structure and academic process model of the Faculty of Computing.	GTU, Proceedings Automated Control Systems N1 (37) ISSN 1512-3979; EISSN 1512-2174; DOI.org/10.36073/1512-3979	p.7	Surguladze Gia, Zhvania Taliko, Petriashvili Lily, Kapanadze David
5.	“Inovative model design for the management of regional sustainable development”	Essays On Economics & International Relations First Edition, November 2023 Ijopec Publication No: 2023/05 Isbn: 978-1-913809-33-1	pp. 59- 68	M. Kiknadze, T. Zhvania L. Petriashvili

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6.	“Classification aspects of e-learning personalization”	GTU, INTERNATIONAL CONFERENCE “MODERN CHALLENGES AND ACHIEVEMENTS IN INFORMATION AND COMMUNICATION TECHNOLOGIES - 2023”, OCTOBER 11-12, PROCEEDINGS	p. 199-207	G.Tandilashvili, T.Zhvania
7.	“ <u>Analysis Of Factors Affecting On E-Governance And Development Of A Cognitive Model Of Its Development</u> ”	Innovative Economics and Management ", Vol 9 No 3 (2022), ISSN 2449-2418; E-ISSN 2449-2604, DOI prefix: 10.46361	p. 126-134	M.. kiknadze, T. Zhvania, L. Petriashvili,
8.	Factors Affecting Sustainable Development and Modelling	Publisher: Springer International Publishing Published in: Recent Developments in Mathematical, Statistical and Computational Sciences, 2021 Print ISBN 978-3-030-63590-9 Online ISBN 978-3-030-63591-6 DOI https://doi.org/10.1007/978-3-030-63591-6_61	pp 669-679	Z.Gasitashvili, m. Kiknadze T. Zhvania
9.	Pattern recognition reliability prediction for compact patterns	Materials of International scientific practical conference: Modern trends in science and education. Sofia, 2021	pp. 68-73	T. Todua, M. Kiknadze, T. Zhvania
10.	Analysis of factors affecting organizational systems, by using the example of the development of conflict regions.	Materials of International scientific practical conference: Innovative processes in the scientific environment Prague, 2021.	pp. 63-71	M. Kiknadze, T. Todua , T. Zhvania
11.	Data mining concept, using and data processing stages	GTU, Scientific Works Automated Control Systems N1 (32). Tbilisi, 2021	გვ. 165 - 169	T.Zhvania T.Todua M.Kiknadze
12.	Formation of Similarity Measures For Pattern Recognition Problems	International Aegan Symposium on Innovation Technologies and Engineering.Proceedings book. ISBN: 978-625-7720-27-4. Izmir, Turkey, 2021	pp. 61-66	T. Zhvania T. Todua M. Kiknadze
13.	The Analysis Of Factors Affecting The Region’s Sustainable Development And The Model Developmen	Accepted for publication by Springer		Z.Gasitashvili, T.Zhvania M. Kiknadze

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14.	The Aspects of the Information Security in the Cloud Environment	Proceeding book of the 15th Remote International Conference on the Silk Road, Silk Road – 2020, ISBN: ISBN 978-9941-8-2892-8	83-172-175	T.Zhvania Sh.Kapanadze
15.	Implementation of electronic testing in the teaching process of Georgian Technical University	Scientific Letters of Academic Society of Michal Baludansky. Vol. 6. Slovakia.2019	pp. 40-46,	T. Zhvania T. Todua, M. Kiknadze
16.	Process Management in Warehousing Logistics by Means of RFID Automated System	Journal of Multidisciplinary Engineering Science Studies ISSN:2458-925X Vol.3 Issue 3, March-2017	pp.1502-1505	L.Petriashvili, T. Zhvania
17.	Aspects Of Using Cloud Technologies In Virtual Learning Environment	International Conference on Education in Mathematics, Science & Technology, PROCEEDING BOOK, Turkey, 2016	pp. 79-82	T.Zhvania, M.Kiknadze, G.Tandilashvili
18.	Security analysis of real-time operating systems	Archil Eliashvili Institute of Control Systems, Georgian Technical University Collection of Proceedings #20 2016	p. 157-163	M.Gegechkori, N.Narimanidze, T.Khvedelidze, T.Kaishauri
19.	Mechanisms and strategies for promoting tourism websites	Scientific Conference Book III Regional Symposium "Cruise Tourism - world experience and prospects for its development in the Black Sea region" 2016	83, 114-119	T.Zhvania
20.	"Prospects of cloud technologies in startup companies"	III International-Scientific Conference Computing/Informatics, Educational Science, Teacher's Education, Proceeding Book, 2014,	p.	D.Kapanadze T.Kaishauri T.Zhvania
21.	Prospects for the use of cloud technologies in educational organizations	International Scientific Conference "The road to Eurointegration" Guram Tavartkiladze Teaching University, 2014	p. 440-448	T.Zhvania
22.	Some Aspects of Organization of E-Learning Courses	Journal of Educational and Instructional Studies In The World May 2014, Volume: 4 Issue:2 Article: 05 ISSN 2146-7463,	pg. 30-35	T. Zhvania T. Todua, S. Svanishvili
23.	Organizing of e-learning system for providing of continuous legal education	9th International Conference on Computer Science and Information Technologies CSIT 2013 23 - 27 September, 2013, Yerevan, Armenia	pg.453-455	T. Zhvania T. Todua,

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/ D.Kapanadze /

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24.	Using LMS-Moodle to assess knowledge level in general physics	International Scientific Conference "21st Century: Main Paradigms of Science and Technology Development" dedicated to the 90th anniversary of the establishment of the Georgian Technical University, Tbilisi, September 19-21, 2012	p. 465-470	T.Zhvania, M.Tsirekidze, T.Bzhalava
25.	Electronic Testing System in Grading of Knowledge of General Physics	ICONTE-3rd International Conference in New Trends in Education and Their Implications, Antalya, Turkey, 2012.26-28 April http://www.iconte.org/FileUpload/ks59689/File/002-162.pdf	p..545-551	T.Zhvania, M.Tsirekidze, T.Bzhalava

Conferences

1.	International Scientific and Practical Conference "Innovations In Education: Prospects and Challenges Of Today", January 16-19, 2024, Sodfia, Bulgaria
2.	The 4th International Conference "Problems of Engineering Sciences" dedicated to the 1750th anniversary of the establishment of Phasis Academy was held in Batumi, Georgia, Application Of Neural Networks for Analysis of Sustainable Regional Development, 26 - 28 August Batumi, Georgia,
3.	International Scientific-Practical Conference "Modern Challenges and Achievements in Information and Communication Technologies, Development of an Intelligent System for Generating Learning Objects for Personalized E-Learning", November 1-2, 2024, GTU, HTW
4.	International Conference on Human-Computer Interaction Design and Interaction Elements (ICHCIDIE -24), Algorithm For The Real-Time Identification Of Railway Wagon Numbers (Using Rfid Technology And High-Resolution Cameras), 21st - 22nd November 2024 Stockholm, Sweden
5.	GTU, INTERNATIONAL CONFERENCE "MODERN CHALLENGES AND ACHIEVEMENTS IN INFORMATION AND COMMUNICATION TECHNOLOGIES - 2023", OCTOBER 11-12,
6.	INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE "INNOVATIONS AND MODERN CHALLENGES - 2022" DEDICATED TO THE 100TH ANNIVERSARY OF THE GEORGIAN TECHNICAL UNIVERSITY AND THE 65TH ANNIVERSARY OF THE FACULTY OF INFORMATION AND COMMUNICATION SCIENCES, NOVEMBER 18 - 19, 2022.
7.	IEEE International Conference on Problems of Infocommunications Science and Technology Ukraine, October 10-12, 2022
8.	International Scientific Conference "Global Challenges of Economy and Business and Sustainable Development", Batumi 2022, Georgia
9.	International scientific practical conference: Modern trends in science and education. Sofia, 2021
10.	International scientific practical conference: Innovative processes in the scientific environment Prague, 2021

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11.	XXVII International Scientific and Practical Conference “Multidisciplinary Academic Research an Inovation” , Amsterdam, Netherlands, May 25-28, 2021, ISBN 978-1-63848-662-6, DOI - 10.46299/ISG.2021.I.XXVII, “INTRODUCTION AND USING OF BIG DATA PROCESSING ALGORITHM”pg. 622-623,
12.	International Scientific Conference "Information Society and Education Intensification Technologies", (ISITE'21). May 20-22, 2021 Georgian Technical University
13.	INTERN International Aegan Symposium on Innovation Technologies and Engineering., March 12 - 13 , 2021 IZMIR, TURKEY
14.	15th INTERNATIONAL SILK ROAD VIRTUAL CONFERENCE, October 09-10, 2020 Tbilisi, Georgia
15.	The VAMMCS International Conference, Waterloo, Ontario, Canada August 18-23, 2019, “Creation of a Model for Efficient Management of a Sustainable Development of a Region as an Organizational System”
16.	"Problems of Competitiveness of National Products in Modern Conditions", Batumi Shota Rustaveli State University, December 16, 2019, Report: "Research and Analysis of Sustainable Development of Regional Economy for the Development of an Effective Model"
17.	Scientific-Practical Conference “Digital Technologies: Present Day and Challenges” dedicated to the 90th anniversary of Prof. Konstantine Kamkamidze, Georgian Technical University, Tbilisi, May 28, “Information Security in the Cloud Environment”
18.	Scientific-Practical Conference “Digital Technologies: Present Day and Challenges” dedicated to the 90th anniversary of Prof. Konstantine Kamkamidze, Georgian Technical University, Tbilisi, May 28, “Models of Personalized Electronic Learning Courses”:
19.	International Conference On Education In Mathematics, Science And Technology (Icemst 2016), Bodrum / Turkey, May 19-22, 2016; “Aspects Of Using Cloud Technologies In Virtual Learning Environment”
20.	III Regional Symposium “Cruise Tourism – World Experience and Prospects for Its Development in the Black Sea Region”, GTSU. March 25-26, 2016. “Mechanisms and Strategies for Promoting Tourist Websites” (Report)
21.	International Scientific Conference "Information and Computer Technologies, Modeling and Management" dedicated to the 85th anniversary of the birth of Academician A. Prangishvili Tbilisi, 2015 November 1-5 "Models of Conditional Connection of Activities in Electronic Learning Courses" (Report)
22.	Georgian Educational Technology Conference Tbilisi November 21-23, 2014. “1:1 e-Learning Strategy and Results” (Session Speaker)
23.	III International Scientific Conference on Computing/Informatics, Educational Sciences, Teacher Education, Batumi, October 17-19, 2014. “Prospects of Cloud Technologies in Startup Companies” (abstracts)
24.	III International Scientific Conference on Computing/Informatics, Educational Sciences, Teacher Education, Batumi, October 17-19, 2014. “Server Consolidation Using Virtualization Platforms to Reduce Costs” (Abstracts)
25.	International Conference "The Road to European Integration" Guram Tavartkiladze Teaching University, 2014 (Article)

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26.	ICONTE–5th International Conference in New Trends in Education and Their Implications, Antalya, Turkey, 2014.24-26 April (სტატია)
27.	9th International Conference on Computer Science and Information Technologies, CSIT 2013, 23 - 27 September, 2013, Yerevan, Armenia
28.	International Scientific Conference "21st Century: Main Paradigms of Science and Technology Development" dedicated to the 90th anniversary of the establishment of the Georgian Technical University, Tbilisi, September 19-21, 2012, (Article)
29.	ICONTE–3rd International Conference in New Trends in Education and Their Implications, Antalya, Turkey, 2012.26-28 April (სტატია)
30.	Fifth International Scientific-Practical Conference “Internet and Society” INSO – 2011, Kutaisi (Article)
31.	International Scientific Conference "Information and Computer Technologies, Modeling, Management" dedicated to the 80th anniversary of the birth of Academician I. Prangishvili, Tbilisi, 2010 (Articles)
32.	ICONTE 2010 – International Conference in New Trends in Education and Their Implications, Antalya, Turkey, 2010.11-13 November (სტატია)
33.	Recent Advances in Computational Intelligence Proceedings of the 4th WSEAS International Conference on Computational Intelligence (CI'10), Universitatea Politehnica, Bucharest, Romania, April 20-22, 2010 (სტატია)
34.	Proceedings of the European Computing Conference (ECC'09) & 3rd International Conference on Computational Intelligence (CI'09), Tbilisi, Georgia, June 26-28, 2009 (სტატია)
	Информационные технологии в науке и образовании», Международная научно-практическая интернет-конференция, Железноводск, 1-3 апреля, ISBN 978-5-9383-433-4, 2009 (სტატია)
35.	Международная научно-образовательная конференция. «Наука в ВУЗах: Математика, Физика, Информатика», Москва, 23-27 марта 2009 г. „Планирование и анализ учебных процессов с использованием OLAP инструментов,“ (თეზისი)
36.	Second International Scientific-Practical Conference “Internet and Society” INSO – 2009, Kutaisi (Article)
37.	International Conference “Education, Science and Economics at Universities. Integration to International Education Area”, Plock, Poland, September 9-14, 2008, (სტატია)
38.	International Scientific Conference "Information Technologies 2008" Tbilisi, GTU (Article)
39.	First Annual International Conference on Current Challenges in Knowledge Management - “Knowledge for Life”, Gori University, Georgia 2008 October 3-4, 2008 (Article)
40.	III Международная конференция посв. 85-летию член кор. РАН, проф. Л. Д. Кудрявцева, 2008, Март Москва (თეზისი)
41.	Symphosium on “Contemporary Mathematics and its Application” Batumi , 2007 (თეზისი)
42.	Ministry of Education and Science of Georgia, GTU, International Scientific Conference “Information Technologies in Management”, Tbilisi, 2007 (Article)

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43.	XI Международная научная конференция имени акад. М.Кравчука, 2006 18-20 Мая (თებოსი)
44.	Международная научно-методическая конференция «Эвристическое обучение математике», Донецк, 15-17 ноября 2005г, (თებოსი)
45.	Всесоюзная научно-техническая конференция «Проектирование Вычислительных средств», Каунас, 1989, (სტატია)
46.	Всесоюзная конференция «Функциональная оптоэлектроника в Вычислительной технике и устройствах управления», Тбилиси, 1986, (სტატია)
47.	XXII научно-техническая конференция профессорско-преподавательского состава ВТУЗ-ов Закавказья, Тбилиси, 1984, (თებოსი)
48.	Материалы VI межреспубликанской школы-семинара «Интерактивные Системы», Книга II, Тбилиси, 1984. (სტატია)
49.	III школа-семинар «Интеллектуальные банки данных», Бакуриани ГССР, 1981, (სტატია)
50.	Тезисы докладов XXIII республиканской научно-технической конференции, Тбилиси, 1981, (თებოსი)
51.	Тезисы докладов XXIII республиканской научно-технической конференции «Методы разработки и опыт эксплуатации АСУ», Тбилиси, 1981, (თებოსი)

მონოგრაფიები და სახელმძღვანელოები				
1.	Collective Monograph	Contemporary Business Challenges in a Globalized World (Volume 4) // Collective Monograph. by Rusudan Kutateladze (Author), & 2 more Saarbrücken, Saarland, Germany; April 5, 2023. LAP Lambert Academic Publishing, ISBN-13: 978-6206154303, ISBN-10: 6206154300	196 p	
2.	Collective Monograph	Contemporary Business Challenges in a Globalized World (Volume 3) Research, Study, Examination, Collective Monograph By David Gurgenidze, LAP Lambert Academic Publishing January 6, 2022, ISBN-13: 978-6204735320, ISBN-10: 6204735322	284 pg	
3.	E-business	Publishing House "Technical University" 2017 ISBN 978-9941-20-861-4	357 p.	A.Ediberidze. D.Kapanadze

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4.	Windows 10	Publishing House "Technical University" 2017 ISBN 978-9941-20-933-8	431 p.	Sh. Svanishvili, T.Zhvania
5.	Java (Part I)	Publishing House "Technical University" 2013 ISBN 978-9941-20-291-9 ISBN 978-9941-20-292-6	232 p.	D.Kapanadze
6.	Java (Part I I)	Publishing House "Technical University" 2013 ISBN 978-9941-20-291-9 ISBN 978-9941-20-293-3	273 p.	D.Kapanadze
7.	Programming Language C++ (Part I)	Tbilisi, „Technical University“ 2013 ISBN 978-9941-294-0 ISBN 978-9941-20-295-7	219 p.	A.Kobiashvili, D.Kapanadze

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