David Jishiashvili

Personal Information



Name Surname:	**David Jishiashvili**
Date of Birth:	1950-01-28
Sex:	Male
Citizenship:	Georgian
Phone:	599515456
Email:	d_jishiashvili@gtu.ge

Education

Academic Degree:	Ph.D./Equivalent to Ph.D
Educational Institution:	Georgian Technical University
Qualification:	Doctor of Phys.-Math. Scieences
Date of grant:	1996-12-15
Country:	Georgia

Academic Degree:	Bachelor
Educational Institution:	Tbilisi State University
Qualification:	Physicist
Date of grant:	1971-06-30
Country:	Georgia

Projects & Grants

Name of the project/grant:	Advance Materials and Technologies. NARD-24-097
Position:	Key Personnel
Donor:	Agency for Research and Development (NARD) Moldova and Shota Rustaveli National Science Foundation
Leader Organization:	Agency for Moldava Agency for Research and Development
Start | End Date:	2025-07-14 - 2025-09-15

Name of the project/grant:	Fabrication and study of Si1-xGex (x≤0.02) alloy based detectors for the registration of alpha particles and thermal nutrons. # PR-216(GE-0007).
Position:	Key Personnel
Donor:	International Science and Technology Center. 46/1 Turan Ave, Z05T0E9Astana, Kazakhstan, Japan funded Grant .

Leader Organization:	I.Vekua Sokhumi Institute of Physics and Technology
Start | End Date:	2025-03-01 - 2028-03-01

Name of the project/grant:	Arc-plasma reactor for producing nanopowders. AR-19-719
Position:	Key Personnel
Donor:	Shota Rustaveli National Science Foundation
Leader Organization:	E. Andronikashvili Institute of Physics.
Start | End Date:	2019-12-01 - 2023-12-01

Name of the project/grant:	Development and study of new nanomaterials for the self-regulated (Curie temperature limited) magnetic hyperthermia of cancer cells. #7089
Position:	Key Personnel.
Donor:	Shota Rustaveli National Science Foundation - Science and Technology Center in Ukraine.
Leader Organization:	Georgian Technical University
Start | End Date:	2018-12-01 - 2020-12-01

Name of the project/grant:	Development of new technologies for the growth of nanowires and fabrication of ultra-sensitive gas sensors. #6204
Position:	Manager
Donor:	Shota Rustaveli National Science Foundation - Science and Technology Center in Ukraine.
Leader Organization:	Georgian Technical university
Start | End Date:	2016-04-04 - 2018-08-25

Name of the project/grant:	Hydrazine-assisted Routes to 1D Nitride and Oxide Nanomaterials for Environmental and Energy Applications. SCOPES IZ73Z0_127943 / 1
Position:	Manager
Donor:	Swiss National Science Foundation.
Leader Organization:	University of Zurich- Gerogian Technical University.
Start | End Date:	2009-12-01 - 2011-12-01

Name of the project/grant:	Fabrication of Si-Ge-Nanostructure Alloys by Explosive-Compaction-Technology and Development of Energy Efficient Thermoelectric Batteries on their Base. Grant #G-4996
Position:	Key Personnel
Donor:	Shota Rustaveli National Science Foundation- Science and Technology Center in Ukraine. Grant #G-4996
Leader Organization:	G.Tsulukidze Mining Institute
Start | End Date:	2009-09-01 - 2011-09-01

Name of the project/grant:	Investigation of destruction mechanisms in reactor steels under cycling deformation. Grant #G-719
Position:	Key Personnel
Donor:	International Science and Technology Center.
Leader Organization:	Georgian Technical University
Start | End Date:	2002-12-01 - 2004-12-01

Name of the project/grant:	Development of thee new surface passivation technology for the microwave Integrated Circuits on GaAs. International Science and Technology Center. Grant #G-258.
Position:	Mnager
Donor:	International Science and Technology Center. Grant #G-258.
Leader Organization:	Georgian Technical University
Start | End Date:	2000-01-01 - 2002-01-01

Name of the project/grant:	Development of the new type insuleting material for the radiation-hardened Metal-Insulator-Semiconductor integrated circuits. Grant # G-059.
Position:	Manager
Donor:	International Science and Technology Center.
Leader Organization:	Georgian Technical University
Start | End Date:	1997-07-07 - 1999-07-07

Scientific Productivity

Scopus
Cited Index: 124
H Index: 6

Google scholar
Cited Index: 213
H Index: 8

Conference, Symposium, Award

- 2025-10-15 - "Advanced Materials and Technologies" ICAMT2025. Tbilisi, Georgia.
- 2025-08-31 - World Summit: Civil Engineering-Architecture-Urban Planning Congress, Antalya, Turkey
- 2024-11-07 - 7th International Conference “Nanotechnology”, Tbilisi, Georgia
- 2021-12-20 - 7th International Conference MTP-2021, Baku, Azerbaijan.
- 2021-10-11 - 6th International Conference “Nanotechnology”, Tbilisi, Georgia
- 2019-12-16 - 6th International Conference "Modern Trends in Physics", MTP. Baku, Azerbaijan
- 2019-12-16 - 6th International Conference “Modern Trends in Physics” MTP, Baku, Azerbaijan

- 2019-09-09 - World Multidisciplinary Earth Sciences Symposium WMESS-2019, Prague, Czech Republic
- 2019-08-12 - International Conference on Liquid Crystals, Liquid Crystalline Polymers and Nanosystems: From Macro to Nano Length Scales (ICLCP 2019), Karela, India
- 2018-10-15 - 5th International Conference “Nanotechnologies” NANO-2018, Tbilisi, Georgia
- 2016-10-10 - 4th International Conference “ Nanotechnologies” NANO-2016, Tbilisi, Georgia
- 2016-08-15 - 2016-08-15 - ICANM2016 International conference & exhibition on advanced and nanomaterials, Montreal, Canada
- 2015-07-14 - The First Prize of the Georgian National Academy of Sciences for the best textbook.
- 2015-08-18 - ICANM2015 International conference & exhibition on advanced and nanomaterials, Ottawa, Canada

Languages

- Georgian
- English
- Russian