

**2024 Call “Research Grants for Young Scientists”
Winner Projects**

#	Project ID	Proposal title	Host institution	Final Score
1	YS-24-3935	Glass types in Colchian culture during the Late Bronze-Early Iron ages (According to Ergeta Cemeteries)	The Georgian National Museum	27
2	YS-24-783	Spectrally tunable cholesteric liquid crystal laser for the real-time monitoring of environmental pollution	Georgian Technical University	27
3	YS-24-2448	Depiction of Consciousness in Georgian Autobiographical Texts: A Digital Narratological Analysis for Pattern Detection	Ivane Javakhishvili Tbilisi State University	26
4	YS-24-173	“Sacrificing a Memory: Memorialization of the Caucasian War (1817-1864) in the De facto State of Abkhazia”	Ivane Javakhishvili Tbilisi State University	26
5	YS-24-2206	Predicting Attitudes towards Global Events Cross-nationally: The Role of Belief in Conspiracy Theories, Ideological and Personal Orientations	Ilia State University	26
6	YS-24-312	Gaslighting and micromachism in Georgian academic and digital political mediadiscourse.	Ivane Javakhishvili Tbilisi State University	25
7	YS-24-4131	Analysis of SOD1 gene in patients with Amyotrophic Lateral Sclerosis in Georgia	Tbilisi State Medical University	25
8	YS-24-053	Far-right Movements’ Political Messaging and protest strategies in the EU Candidate States: A Comparative Analysis of Georgia and Serbia	Ivane Javakhishvili Tbilisi State University	25
9	YS-24-4486	Morphosyntactic models of the Laz verbs	Ivane Javakhishvili Tbilisi State University	25
10	YS-24-924	Attitudes towards Georgia’s EU membership during the last years: Supporters and opponents, reasons for support and opposition	Ilia State University	25
11	YS-24-973	Study of Doping and Activation Processes in GaN.	Micro and Nanoelectronics Institute	25
12	YS-24-839	Diversity, bioindication and biomonitoring of soil microarthropods on subalpine and alpine pastures of Eastern Georgia	Agricultural University of Georgia	24
13	YS-24-3272	Novel secure and efficient post-quantum digital signature scheme with integrated random number generator	Caucasus University	24
14	YS-24-148	Investigation of the quasi-static problems of the coupled linear theory of elasticity for nanomaterials with triple porosity	Ilia State University	24
15	YS-24-088	Short term variability in the activity of the Sun and solar type stars	Ilia State University	24
16	YS-24-1209	Development of the technology for obtaining high strength bainitic cast iron microalloyed with FeB and Mo.	Ferdinand Tavadze Institute of Metallurgy and Materials Science	24
17	YS-24-194	Short- and long-term effects of chronic toluene exposure on behavior, neuroanatomy and porosome complex in adolescent and adult rats	LEPL IVANE BERITASHVILI CENTER OF EXPERIMENTAL BIOMEDICINE	24
18	YS-24-4818	Exploring Language Phenotypes in Children with Autism Spectrum Disorder and Developmental Language Disorder: A Mixed-Methods Approach for Empirical Evidence through Systematic Review and Controlled Observation	Ivane Javakhishvili Tbilisi State University	24
19	YS-24-546	Metaphors in Georgian Political Discourse: An Anthropolinguistic Analysis	Akaki Tsereteli State University	24
20	YS-24-308	Regional development with improved spatial-territorial planning and opportunities for efficient use of land in the context of sustainable economic development (on the example of Georgia)	Ivane Javakhishvili Tbilisi State University	23
21	YS-24-758	What do magnetised jets tell us about the large-scale magnetisation of the Universe?	Ilia State University	23
22	YS-24-1927	Synthesis and study of copper and zinc-based binary and ternary oxide semiconductor nanomaterials	Georgian Technical University	23
23	YS-24-496	Gelatian Translation of St. Maximus the Confessor’s Dogmatic-Polemical Treatises (K14)	Akaki Tsereteli State University	23
24	YS-24-698	Isolation and characterization of bacteriophages against emerging antibiotic-resistant Stenotrophomonas maltophilia	G. Eliava Institute of Bacteriophages, Microbiology and Virology	23
25	YS-24-1215	Great Lenten Cycle in New Iadgari	Akaki Tsereteli State University	22
26	YS-24-1033	Agonist-Evoked Activation of Thermo-TRP Channels	LEPL IVANE BERITASHVILI CENTER OF EXPERIMENTAL BIOMEDICINE	22
27	YS-24-2273	Does Heavy Social Media Consumption Compromise the Moral Self? Insights into Generation Z’s Struggles.	Ivane Javakhishvili Tbilisi State University	22
28	YS-24-3262	An improved QPA method for molecular diagnostics	Ilia State University	21
29	YS-24-106	Identification and Genomic Analysis of Aggressive Alternaria Species Affecting Economically Significant Crops Through Cutting-Edge Technologies.	Batumi Shota Rustaveli State University	21
30	YS-24-159	Study of the chemical and antioxidant activity of Tragopogon tuberosus K.Koch of Georgian flora	Tbilisi State Medical University	21
31	YS-24-2579	Creating a predictable model of natural restoration for subalpine birch forest	Scientific-Research Centre of Agriculture	20