

**Winner projects of Research grants for young scientists in 2015**

#	Project code	Young scientist	Leading Organization	Project title	Research Fields
1	YS15_2.1.5_8	Natia Gavardashvili	Environmental Protection Ecocenter	Study of floods and erosive-mudflow processes in the water catchment basin of the river Vere to ensure the safety of the population of Tbilisi and considering them in developing new alternative environmental schemes	2
2	YS15_2.4.1_52	Paata Sichinava	Environmental Protection Ecocente	To establish calculating parameters of drainage – regulatory network of high dispersion clay soil-ground of Cholchi is lawland for perspective development regional tourism	5
3	YS15_2.4.1_72	Tamriko Supatashvili	Environmental Protection Ecocente	To increase of agricultural lands by using of colloidal fraction of river Duruji debris flow sediment for development „Kinzmarauli" buisness	5
4	YS15_2.5.2_30	Badri Gechbaia	Environmental Protection Ecocente	Innovative economy formation in terms of European Integration in Georgia (Problems, Challenges, Perspectives)	6
5	YS15_2.6.4_55	Natia Tsulukidze	Tbilisi State Academy of Arts	History and Theory of Photography	7
6	YS15_1.2.6_2_103	Tsira Kilanava	Ivane Javakhishvili Tbilisi State University	The Space Imagology in the Georgian literature (including 19th Centure)	1
7	YS15_2.1.4_110	Oliko Lekashvili	Ivane Javakhishvili Tbilisi State University	Catalytic synthesis of amides viaaldoximes rearrangement, and hydroamination of amidoand cyano acetylenes	2
8	YS15_2.1.1_47	George Tepnadze	Ivane Javakhishvili Tbilisi State University	Convergence and summability of the one and twodimensional Vilenkin-Fourier series on the martingale Hardy spaces	2
9	YS15_2.1.2_70	Besik Dundua	Ivane Javakhishvili Tbilisi State University	Higher Order Term Rewriting with Regular Type	2
10	YS15_2.1.2_56	Veriko Jeladze	Ivane Javakhishvili Tbilisi State University	The Study of Human EM Exposure in Small and Large-Scale Scenarios	2
11	YS15_2.1.5_78	Victor Alania	Ivane Javakhishvili Tbilisi State University	Blind thrust; fault-related fold; duplex; structural wedge; triangle zone	2
12	YS15_2.1.1_100	Maia Svanadze	Ivane Javakhishvili Tbilisi State University	Investigation of the boundary value problems of the theories of viscoelasticity and thermoviscoelasticity for binary mixtures	2
13	YS15_2.3.1_106	Tamar Tsertsvadze	Ivane Javakhishvili Tbilisi State University	Stratification of Chronic Lymphocytic leukaemia based on the expression and signalling pattern of CD180 toll-like receptor	4
14	YS15_2.6.2_87	Giorgi Ugulava	Ivane Javakhishvili Tbilisi State University	TheAncient Concepts of State Arrangemnet in Western Literary Tradition of V-XVIII Centuries	7

15	YS15_2.6.2_49	Maia Shukhoshvili	Ivane Javakhishvili Tbilisi State University	Interpretation of Plato's "Theaetetus" Using Methods of Digital Humanities	7
16	YS15_2.3.1_34	Gela Beselia	Iv. Beritashvili Center of Experimental Biomedicine	A study of hippocampal neurotransmitter markers in okadaic acid (ICV) induced memory impaired rats	4
17	YS15_2.3.1_51	Lali Kruashvili	Iv. Beritashvili Center of Experimental Biomedicine	Investigation of basal forebrain function in memory and learning process at behavioral, structural and molecular level	4
18	YS15_2.5.1_14	Khatuna Martskvishvili	Ivane Javakhishvili Tbilisi State University	The role of intelligence, emotion-related personality aspects and selfactualization in creativity	6
19	YS15_2.1.3_92	Nino Chkheidze	Ilia State University	Modern observations of extraordinary pulsars and their theoretical interpretation	2
20	YS15_2.1.6_96	Ivane Abiatar	Ilia State University	Identification and function of epithelial progenitor cell population in pancreatic tissue	2
21	YS15_2.5.2_7	Erekle Pirveli	Caucasus University	Financial Information Quality across the Capital Markets Positioned at Different Levels of Development	6
22	YS15_1.2.1_6_45	Nana Kunelauri	Agricultural University of Georgia	The Role and Importance of Georgian Vines in a World Viticulture History (Genetic Studies)	1
23	YS15_2.1.2_9	Maksim Iavich	Bank of Georgia University	Post-quantum cryptograph	2
24	YS15_1.2.1_5_57	Elina Bakradze	National Environmental Agency of the Ministry of Environment and Natural Resources Protection of Georgia	Study of the pollution level of Alazani valley artificial reservoirs and their adjacent area	1
25	YS15_1.2.1_5_113	Maia Chichinadze	Georgian National Museum	Role of Palynology in the Study of Classical Necropoleis of Western Georgia	1
26	YS15_2.1.1_31	Tengiz Tetunashvili	Georgian Technical University	Geometrical and Combinatorial Properties of Point Sets and their Applications	2
27	YS15_2.1.1_43	Besik Chikvinidze	Georgian Technical University	Backward Stochastic Differential Equations (BSDE) and applications in stochastic optimal control theory	2
28	YS15_2.2.1_94	Natia Tabatadze	Georgian Technical University	Obtaining the Hydraulic Concrete Resistant to the Aggressive Environment by Using Admixtures	3
29	YS15_2.4.1_68	Marine Shavlakadze	Tsotne Mirtskhulava Water Management Institute Of The Georgian Technical University	The research of the potential of manganese containing materials derived from industrial waste for chemical amelioration of wetland soils of Colchis lowland	5
30	YS15_2.6.4_58	Ana Shanshiashvili	Georgian State Museum of Folk and Applied Art	19th Georgian silverware: unknown phenomenon of Georgian Culture	7
31	YS15_2.6.2_25	Tamar Gitolendia	Sokhumi State University	Linguistic Gender (according to Georgian materials)	7
32	YS15_2.2.10_101	Bagrat Godibadze	Grigol Tsulukidze Mining Institute	Dynamic Consolidation of New Generation Nanostructured WCu & W-Y of Composites and Investigation of Structures Properties Relationship of Obtained Billets	3
33	YS15_2.1.6_91	Tinatini Elbakidze	LEPL Laboratory of the Ministry of Agriculture	Detection of Grapevine Leafroll-Associated Viruses: GLRaV-1 and - GLRaV-3 in Grapevine Cultivars Distributed in the East Part of Georgia	2

34	YS15_2.2.10_84	Mikheil Chikhradze	F.Tavadze Institute of Metallurgy and Material Science	Synthesis of Nanocomposites by Mechanical Alloying and Adiabatic Explosive Consolidation of Ti-Al-B-C powders	3
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Scientific Fields						
Natural sciences	Engeneering and technologies	Medicine and health sciences	Agricultural sciences	Social sciences	Humanities	Georgian studies
1	2	3	4	5	6	7



