

Type	Authors	Publication title	Source title	Year
Article	Zviad Kovziridze, Maia Mshvildadze, Gulnazi Tabatadze, Maia Balakhashvili, Nino Darakhvelidze	The Receiving and Study of Celsian Electrotechnical Ceramics with Innovation One Stage Simplified Technologies in the Bao-Al ₂ O ₃ -SiO ₂ System”	European Journal of Applied Sciences (EJAS). Vol.10. Issue 6. Dezember 2022. Pp. 88-101 https://doi.org/10.14738/aivp.106.13295 This work is licensed under a Creative Commons Attribution 4.0 International License.	2022
Article	Z. Kovziridze, G. Tabatadze, N. Darakhvelidze, Z. Mestvirishvili, N. Jalaghonia, N. Jalabadze, M. Balakhashvili	Preparation and study of high temperature composite in SiC-SiAlON-Al ₂ O ₃ system.	Ceramics and Advanced Technologies" magazine of the Association of Ceramicists of Georgia Vol. 24. 1(47). 2022. p. 15-48.	2022
Book	Z. Kovziridze, N. Nizharadze, J. Aneli, G. Tabatadze, M. Balakhashvili	Technology of ceramic and polymer composites		2021
Article	Z. mestvirishvili, N. nizharadze, S. gvazava, Z. kovziridze	სხვადასხვა ფაქტორის გავლენა B ₄ C-ს ფიზიკურ-ტექნიკურ მახასიათებლებზე		2021
Article	Nino Darakhvelidze, Natela Nijaradze, Zviad Mestvirishvili, Maia Balakhashvili, Temur Cheishvili, Gulnazi Tabatadze	Obtaining and Study of β - SiAlON Containing Composites in the B ₄ C-SiC-Si-Al-Al ₂ O ₃ -Carbon fiber System	Bulletin of the Georgian National Academy of science	2021
Monograph	N. Nizharadze, Z. kovziridze, G. Tabatadze, M. Mshvildadze, E. Nikoleishvili Z. Mestvirishvili	Research on Composite Stable to Corrosive Media in SiC-AL ₂ O ₃ -Si ₂ ON ₂ System	Recent Developments in Engineering Research .Vol.5	2020
Article	Z. Kovziridze, N. Nizharadze, N. Darakhvelidze	OBTAINING OF BIONANOCERAMIC SUPER PARAMAGNETIC MATERIALS FOR THE CREATION OF LOCAL CONTROLLED HYPERTHERMIA FOR MALIGNANT CANCER THERAPY	Journal of the Georgian Ceramist's Association "Ceramics"	2019
Article	Z. Kovziridze, G. tabatadze, N. Nizharadze, N. Darakhvelidze, M. balakhashvili	Obtaining of SiAlON-Containing composites in the SiC-B ₄ C-Si-Al-Al ₂ O ₃ - System by the method of reactive sintering through metallothermic and nitriding Processes	Journal of the Georgian Ceramist's Association "Ceramics"	2018
Article	Z. Kovziridze, N. Nijaradze, T. Petriashvili, M. Balakhashvili	OBTAINING OF HIGH-REFRACTORY CONCRETES ON THE BASIS OF LOCAL RAW MATERIAL	Journal of the Georgian Ceramist's Association "Ceramics"	2017
Article	Z. kovziridze, N. Nizharadze, G. Tabatadze, Z. Mestvirishvili, T. Cheishvili, M. mshvildadze, N. darakhvelidze	Obtaining of composite via metal-thermal and nitrogen processes in the SiC-Si-Al-geopolymer system	Journal of the Georgian Ceramist's Association "Ceramics"	2017
Monograph	Z. Kovziridze, G. tabatadze, N. Nizharadze, N. Darakhvelidze	Sialon and low wolfram Composites	publishing House "Technical University"	2017
Article	Z. Kovziridze; N. Nizharadze; M. balakhashvili; G. Tabatadze; M. Mshvildadze	IMPACT OF ANTIOXIDANT ON THE PROPERTIES OF CARBON CONTAINING DOLOMITE SERPENTINITE COMPOSITE	Journal of Georgian Ceramists Association "Ceramics"	2017

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Article	Z. Kovziridze , N. Nizharadze G. tabatadze, Z.Mestvirishvili, N.darakhvelidze, T.cheishvili, M.mshvildadze, V.qinqladze	Obtaining of composite via metal-thermal and nitrogen processes in the SiC-Si-Al-geopolymer system	Journal of Electronics Cooling and Thermal Control	2017
Article	Z.Kovziridze; N.Nizharadze; M.balakashvili; M.Mshvildadze; Z.Mestvirishvili	EFFECT OF GRAPHITE NANOPOWDER ON THE PROPERTIES OF CAO-MGO-SIO2 SYSTEM COMPOSITE FOR HIGH TEMPERATURE BEDDING OF CEMENT AND METALLURGICAL FURNACES	Transactions of GTU, #1 (499), 2016 p.132-150 www.gtu.ge Iss.N 1512-0996	2016
Article	Z.Kovziridze; N.Nizharadze; M.balakashvili; G.Tabatadze; M.Mshvildadze	SINTERED AND NONSINTERED REFRACTORY OBJECTS ON THE BASE OF LOCAL RAW MATERIAL	Journal of Georgian Ceramists Association "Ceramics,	2016
Chapter in book	Z. Kovziridze, N.Nizharadze, G. tabatadze,N.Darakhvelidze, Z.Mestvirishvili	Application of alum-Thermal and Nitrogen Methods for Obtaining Nano-Composites in the Systems of SiC-SiAlON and Al2O3-SiAlON	GTU Works, pp. 146 publishing house "Technical University	2016
Article	Z. Kovziridze, N.Nizharadze, G. tabatadze	HIGHLY HARD WOLFRAM VOID COMPOSITE IN THE TiCINiFe SYSTEM	Journal of the Georgian Ceramist's Association "Ceramics", vol.18 2(36)	2016
Article	Z. Kovziridze, N.Nizharadze, N.Darakhvelidze, G. tabatadze, Z.Mestvirishvili	PREPARATION OF COMPOSITES BY NITRO ALUMINOTHERMIC PROCESSES BY REACTIV SINTERING AND HOT PRESSING	Journal of the Georgian Ceramist's Association "Ceramics", vol.18 1(35)	2016
Monograph	Z. Kovziridze , N. Nizharadze, G. tabatadze, J.Aneli	Ceramic and Polymer Composites		2016
Article	Z.Kovziridze; N.Nizharadze; M.Balakashvili; Z.Mestvirishvili	Effect of graphite nanopowder on dolomite-serpentine composite properties	Journal of the Ceramists Association, "Ceramics"	2015
Article	Z.Kovziridze; N.Nizharadze; M.balakashvili	Development of technology for obtaining high refractory dolomite-serpentinite materials for bedding of high temperature zones of cement and metallurgical furnaces	Georgian Technical University Georgian Engineering Academy, Business Engineering	2015
Article	Z.Kovziridze; N.Nizharadze; M.balakashvili; G; Tabatadze, M.Mshvildadze;	STUDY OF SKURI DEPOSIT DOLOMITE FOR PRODUCTION OF HIGH REFRACTORY COMPOSITES	Journal of the Ceramists Association, "Ceramics"	2015
Article	Z.Kovziridze; N.Nizharadze; M.balakashvili; M.Mshvildadze	The Study of the Influence of Binders Over Physical-technical Features of a Highly Refractory Dolomite-Serpentine Clinker	Journal of the Ceramists Association, "Ceramics"	2014
Article	Z.Kovziridze; N.Nizharadze; M.balakashvili	Application of dolomite-serpentinite clinker for gunning of bedding of metallurgical thermal aggregates	Journal of the Georgian Ceramist's Association "Ceramics"	2014
Article	Z.Kovziridze, N. Nizharadze, G.Tabatadze, T.Cheishvili, Z.Mestvirishvili, M.Mshvildadze, E.Nikoleishvili, N.Darakhvelidze	OBTAINING OF SIALONIS WITH NITROIALUMOTHERMAL PROCESSES	Journal of the Georgian Ceramist's Association "Ceramics"	2014

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Article	Z.Kovziridze; N.Nizharadze; M.balakhashvili; M.Mshvildadze; D.Gvencadze; A.Chitorelidze	Influence of the carbon-containing additions and binder on the properties of the dolomite serpentine high fire-resistant composite	Journal of the Ceramists Association, "Ceramics"	2010
Article	Z.Kovziridze; N.Nizharadze; M.balakhashvili; G.Tabatadze	High refractory carboncontaining composite	Journal of the Ceramists Association, "Ceramics"	2009
Article	Z.Kovziridze; N.Nizharadze; M.balakhashvili; V.Kinkladze; N.Nefaridze	Obtaining of refractory composite on the basis of dolomite-serpentine clinker	Journal of the Ceramists Association, "Ceramics"	2008
Book	Z. Kovziridze , G. tabatadze, N. Nizharadze	mWreli sainstrumento kompoziciuri masalebi.		2007
Book	Z.kovziridze, D.Gvencadze, N.Nizharadze, V.qinqladze,	keramikuli da polimeruli kompoziciuri masalebis qimiuri teqნologia.		2007

Scholarships and awards

Scholarships/awards name	Issuer	Year of Issue
Honorary Diploma # 93	Academic Council of Georgian Technical University	2015

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
XVIII Lyon. France ECERS. Conference and Exhibition of the European Ceramic Society. 2-6 July. 2023	Obtaining and studying of carbide- SiAlON composite in the SiC-SiAlON-Al2O3 system for armor and missile equipment.	Lyon. France	2023
XVIII Lyon. France ECERS. Conference and Exhibition of the European Ceramic Society. 2-6 July. 2023	Obtaining a high-refractory clinker based on local raw materials for cement and metallurgical furnaces	Lyon. France	2023
8 th International New York Conference Onevolving Trends in Interdisciplinary Research and Practices. 1-3 May. 2023. Manhatan. New York City	Obtaining Nanocomposites Base on "B4C-TiC-SiC-BN-Al2O3" Systemfor Use in Disks and Wings of Turbines, Hot Spots of Aircraft, Nuclear Reactors for Ballistic armor"	New York	2023
Latin American International Conference on Natural and Applied Sciences – IV. Rio de Janeiro. Brasil. March 13-15. 2023	Obtaining and studying of a highly refractory composite based on SiC by hot pressing	Rio de Janeiro. Brasil.	2023
Ceramics in Europe	Obtaining and Study Nanocomposites in the B4C-SiC-Si-Al-Al2O3-Carbon Fiber System	Krakov	2022
Ceramics in Europe	Obtaining high fire resistance backing material clinker using local raw materials-dolomite, quartz ore sand (Georgia) and production waste.	Krakov	2022
2nd Edition Academia International Webinar on Materials Science and Engineering Materials Spectrum 2022 London. November 18-19	The receiving and study of celsian ceramics on the bases of local raw materials with innovation single stage simplified technologies in the BaO-Al2O3-SiO2 System for electronical and electrotechnical industry.	London	2022
2nd Edition Academia International Webinar on Materials Science and Engineering Materials Spectrum 2022 London. November 18-19	Ceramic Nanoomposites in the B4C-SiC-Si-Al-Al2O3 –Carbon fiber System with Different Percentages of β-SIALON	London	2022
7th Asia Pacific International Modern Sciences Congress November 4-5, 2022 / Jakarta, Indonesia STIE GANESHA Colege of Economics. Proceedings Book pp.378	Obtain and study high fire resistance material with simplified innovation technologies for cement furnace klins.	Jakarta, Indonesia	2022

Scientific event name	Title of the presentation	Event venue	Year
4th International Congress on Ceramics	COMPOSITE STABLE TO CORROSIVE MEDIA IN SiC-Al ₂ O ₃ -Si ₂ ON ₂ SYSTEM	Chicago, Illinois, USA	2012
2nd International Conference for Students and Young Scientists on Materials Processing Science	B ₄ C and Al ₂ O ₃ based composites	Tbilisi, Georgia	2012
12th Conference of the European Ceramic Society	Refractory nanocomposites in the SiC-Al ₂ O ₃ -Si ₂ ON ₂ system	Stockholm, Sweden	2011
12th Conference of the European Ceramic Society	Refractory nanocomposites in the SiC-Al ₂ O ₃ -Si ₂ ON ₂ system	Stockholm, Sweden	2011
1st International Conference for Students and Young Scientists on materials Processing Science	Study of dolomite from the Skuri deposit for receiving high refractory composite	Tbilisi, Georgia	2010
3rd International congress on Ceramics	Production of superparamagnetic nanospheres for hyperthermic therapy of surface (skin) cancer diseases	Osaka, Japan	2010
1st International Conference for Students and Young Scientists on Materials Processing Science	STRUCTURAL RESEARCH OF Al ₂ O ₃ -TiC SYSTEM NANOCERAMIC COMPOSITE MATERIAL	Tbilisi, Georgia	2010
3rd International congress on Ceramics	Composite in the B ₄ C-BN-TiC-SiC-C System	Osaka, Japan	2010
2nd International Conference of Georgian Ceramists and Exposition	High refractory carboncontaining composite	Tbilisi, Georgia	2009
International Conference and Exhibition of the European Ceramic Society	MULTIFUNCTIONAL HETERO-MODULUS COMPOSITE IN B ₄ C-BN-TiC-SiC-C SYSTEM	Cracow	2009
2 nd International Congress on Ceramics	Cutting nanoceramics in the Al ₂ O ₃ – TiC System	Verona, Italy	2008
Sohn International Symposium	Study of Grinding Process of Titanium Carbide Produced With Self-Propagating High Temperature Synthesis (SPHTS)	San Diego, California	2006
Sohn International Symposium	Synergetic Effect in Conductivity of the Polymer Composites Based on Phenolformaldehyde Resin	San Diego, California	2006

Productivity index

#	Citation index	h-index
Google scholar	28.00	3.00
Scopus	3.00	1.00
Web of science	8.00	2.00