

Type	Authors	Publication title	Source title	Year
Article	Z. Kovziridze, N. Nizharadze, G. Tabatadze, Z. Mestvirishvili, N. Darakhvelidze	Study of phase composition of composites in SiC-B4C-Si-Al-Al2O3 system	Journal of the Ceramic Association "ceramics and advanced technologies" Vol .21. 1(41). 2019. pp.44-51	2019
Article	Z. Kovziridze , G. tabatadze, N. Nizharadze, N.Darakhvelidze, M.balakhshvili	Obtaining of SiAlON-Containing composites in the SiC-B4C-Si-Al-Al2O3- System by the method of reactive sintering through metallothermic and nitriding Processes	Journal of the Georgian Ceramist's Association "Ceramics", vol.20 2(40)	2018
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
Monograph	Z. Kovziridze , N. Nizharadze, G. tabatadze, N.Darakhvelidze	Sialon and low wolfram Composites	publishing House "Technical University"	2017
Article	Zviad Kovziridze, Natela Nijaradze, Gulnaz Tabatadze, Theimuraz Cheishvili, Maia Mshvildadze, Zviad Mestvirishvili, Vera Kinkladze, Nino daraxvelidze	Obtaining of SiAlON Composite via Metal-Thermal and Nitrogen Processes in the SiC-Si-Al Geopolymer System	Journal of Electronics Cooling and Thermal Control. Vol. 7 No. 4. Full Text HTML XML Pub. Date: Dezember 27, 2017. DOI: 10.4236/jectc.2017. 74009. Impact Factor 141 Downloads. 243 Wiews.	2017
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 pg.146 , publishing House "Technical University"	2016
Article	Z. Kovziridze, N.Nizharadze, G. tabatadze	HIGHLY HARD WOLFRAM VOID COMPOSITE IN THE TiC Ni Fe 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, E. Nikoleishvili, M. Mshvildadze	PREPARATION OF COMPOSITES BY NITRO ALUMINOTHERMIC PROCESSES, OVER B-SIALON MATRIX IN THE SIALON-SiC-AL2O3 SYSTEM	Journal of Electronics Cooling and Thermal Control	2016
Article	Z. Kovziridze, N.Nizharadze, M.Balakhshvili, M.Mshvildadze, G.Tabatadze,	SINTERED AND NONI SINTERED REFRACTORY OBJECTS ON THE BASE OF LOCAL RAW MATERIAL	Journal of the Georgian Ceramist's Association "Ceramics", vol.18 2(36)	2016
Monograph	Z.kovziridze, N.Nizharadze, G.Tabatadze, J. Aneli	Ceramic and polymer composites	publishing House "Technical University", Tbilisi ,2016.	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
Article	Z. Kovziridze, N.Nizharadze, G. tabatadze, M.Balakhshvili, M.Mshvildadze	SINTERED AND NONI SINTERED REFRACTORY OBJECTS ON THE BASE OF LOCAL RAW MATERIAL	Journal of the Georgian Ceramist's Association "Ceramics", vol.18 2(36)	2016
Article	Z. Kovziridze, N.Nizharadze, G. tabatadze	HIGHLY HARD WOLFRAM VOID COMPOSITE IN THE TiC Ni Fe 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, E. Nikoleishvili, M. Mshvildadze	PREPARATION OF COMPOSITES BY NITRO ALUMINOTHERMIC PROCESSES, OVER B-SIALON MATRIX IN THE SIALON-SiC-AL2O3 SYSTEM	Journal of Electronics Cooling and Thermal Control	2016

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Article	Z. Kovziridze , N. Nizharadze, G. tabatadze, M.Mshvildadze, E. Nikoleishvili	Metal-Ceramic Smart Composite in Ti(C,N)-Ni-Mo-W System	Journal of Electronics Cooling and Thermal Control , Vol.6 No.2,	2016
Article	Z. kovziridze, N. Nizharadze, M. Balakhashvili, G.Tabatadze, M.mshvildadze	STUDY OF SKURI DEPOSIT DOLOMITE FOR PRODUCTION OF HIGH REFRACTORY COMPOSITES	Journal of the Georgian Ceramist's Association "Ceramics", vol.17 2(34)	2015
Monograph	Z. Kovziridze , N. Nizharadze G. tabatadze,	High capacity hetero-modulus composites	Georgian Technical University. Tbilisi, Georgia,2014	2014
Monograph	Z. Kovziridze , G. tabatadze, N. Nizharadze	High power hetero-modular composites		2014
Book	Z. Kovziridze , N. Nizharadze, G. tabatadze,	Technology of Composite Materials		2014
Article	Z.Kovziridze, N.Nizharadze, N.Darakhvelidze, G.Tabatadze, Z.Mestvirishvili	THE CURRENT CARBO AND ALUMOTHERMAL PROCESSES ON THE BASE OF GEOPOLYMER IN NITROGEN ENVIRONMENT	Journal of the Georgian Ceramist's Association "Ceramics", vol.1(31)	2014
Article	Z.Kovziridze, N. Nizharadze, G.Tabatadze, T.Cheishvili, Z.Mestvirishvili, M.Mshvildadze, E.Nikoleishvili, N.Darakhvelidze	OBTAINING OF SIALONIS WITH NITROI ALUMOTHERMAL PROCESSES	Journal of the Georgian Ceramist's Association "Ceramics", vol.2(32)	2014
Article	Z.Kovziridze N. Nizharadze, G. Tabatadze, M. Mshvildadze, E. Nikoleishvili, Z. Mestvirishvili	Composite Stable to Corrosive Media in SiC-AL2O3-Si2ON2 System	Journal of Electronics Cooling and Thermal Control, Vol. 3 No. 2	2013
Article	Z.Kovziridze, N. Nizharadze, G. Tabatadze, M. Mshvildadze, E. Nikoleishvili, Z. Mestvirishvili	Improvement of Boron Carbide Mechanical Properties in B4C-TiB2 And B4C-ZrB2 Systems	Journal of Electronics Cooling and Thermal Control, Vol. 3 No. 2	2013
Article	Z. Kovziridze, N.Nizharadze, G. tabatadze,	Effect of Aluminum oxide nanopowder on Sic composite physical and mechanical properties and resistance to nonferrous metals and slag	Journal of the Georgian Ceramist's Association "Ceramics", vol.2(30)	2013
Article	Z. Kovziridze , N. Nizharadze G. tabatadze, Z.Mestvirishvili	Ceramic Composites in AL2O3-B4C-TiC system	Journal of the Georgian Ceramist's Association "Ceramics", vol.2(30)	2013
Article	Z. Kovziridze , G. Tabatadze, Z.Mestvirishvili	The Effect of TiB2 and ZrB2 additives on boronCarbide Properties	Journal of the Georgian Ceramist's Association "Ceramics", vol.1(27)	2012
Article	Z. Kovziridze , G. tabatadze, N. Kiknadze	Receiving of composites on the basis of Al2O3-TiC-TiN system	Journal of the Georgian Ceramist's Association "Ceramics", vol.2(25)	2011
Article	Z. kovziridze N.Nizharadze, G.Tabatadze, E.Nikoleishvili, Z.Mestvirishvili, V.Kinkladze	Muitfunctional hetero-modulus composites in the B4C-BN-TiC-SiC-C sistem	Journal of the European Ceramic Society, Elsevier, vol.31, issue 10	2011
Article	T.Cheishvili, N.Nizharadze , G.Tabatadze, I.Bairamashvili, E.Nikoleishvili, N.Rekhviashvili, V.Kinkladze, Z.Mestvirishvili	MULTIFUNCTIONAL HETERO-MODULE COMPOSITE IN B4C-BN-TiC-SiC-C SYSTEM	Journal of the Ceramists Association, "Ceramics"	2009
Article	Z.KovziridzeG. Grathwohl, P.Luecke, G. Tabatadze, I.Bairamashvili, N.Rekhviashvili, Z.Mestvirishvili, T. Gergaia.	NANOCERAMIC COMPOSITE IN THE Al2O3 – TiC SYSTEM	Journal of the Georgian Ceramist's Association "Ceramics", vol.1(18)	2008
Book	Z. Kovziridze , G. tabatadze, N. Nizharadze	mWreli sainstrumento kompoziciuri masalebi.	Georgian Technical University. Tbilisi, Georgia, 2007	2007

Scientific event name	Title of the presentation	Event venue	Year
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
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
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
Ceramics in Europe 2022	Obtaining high fire resistance backing material clinker using local raw materials-dolomite, quartz ore sand (Georgia) and production waste	Krakov.	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
2nd Edition Acadenia 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
2nd Virtual Congress on Materials Science and Engineering.	Nanocomposite based on low temperature β -Sialon	USA	2021
2nd Virtual Congress on Materials Science and Engineering.	THE RECEIVING OF β -SI-AL-O-N CONTAINING COMPOSITE IN THE SiC-B4C-Si-Al-Al2O3 SYSTEM	USA	2021
8th International Congress on Ceramics.	THE FORMULA OF DEPENDENCE OF MECHANICAL CHARACTERISTICS OF MATERIALS ON CRYSTALLINE PHASE COMPOSITION IN THE MATRIX	Busan. Korea	2021
2nd Online International Conference On Materials Science and Nanomaterials	Ceramic Smart Nano Composite in the SIALON-SiC-Al2O3 System	USA. Washington. Online. Webinar	2021
Euro Global Congress on Tychonix Nanotech.	Ceramic Composite in the SiC-SiAlON System	Valencia	2019
XVI ECERS Conference and Exi bition of the European Ceramic Society.	Obtaining of the Composite of β -SiAlON Matrix via Metal-Thermal and Nitrogen Processes in the B4C-SiC-Al2O3-Si-Al-Carbon Fiber-Geopolymer. System	Torino. Italy.	2019
XVI ECERS Conference and Exi bition of the European Ceramic Society.	Ceramic Composite for Manufacturing of Armored Elements	Torino. Italy.	2019
International Scientific-Methodological Conference.	Manufacturing of Armored Elements	Tbilisi. 2018, October 19-20. P. 3740	2018
7th International Congress on Ceramics – ICC7,	Obtaining of composite via metal-thermal and nitrogen processes in the SiC-Si-Al-geopolymer. System	Foz de Iguaçu, PR, Brazil, June 17-21, 2018	2018
15th Conference&Exhibition of the European Ceramic Society	Obtaining of nano composites via alum-thermal and nitrogen processes in the SiC-Si3N4-ALN-AL2O3-SiO2 system	Budapest, Hungary	2017
14th International Conference of European Ceramic Society	Obtaining of SiAlONs via alum-thermal and nitrogen processes	toledo,spain	2015
Innovative Technologies in Metallurgy and Materials science, International conference	Application of Alum-Thermal and Nitrogen methods for obtaining Nano-composites in the systems of SiC-SiAlON and Al2O3-SiAlON	Tbilisi, Georgia	2015
International Conference and Expo on Ceramics	Smart Materials in the SiAlON-SiC-Al2O3 System	Chicago, USA	2015
13th Conference of the European Ceramic Siciety	Ceramic Composite in AL2O3-B4C-TiC System	Limoges-France,	2013
12th Conference of the European Ceramic Society	Nanoceramic composite in Al2O3-TiC-TiN system	Stockholm, Sweden	2011
2nd circular SHAPING 4 Fourt International Conference on Shaping of Advanced Ceramics,	MULTIFUNCTIONAL HETERO-MODULE COMPOSITEIN B4C-BN-TiC-SiC-C SYSTEM	Madrid, Spain	2009
2nd International Conference of Georgian Ceramists and Exposition	TiC- ს შემცველი როგ სისტემებში მიღებული ნანოკერამიკული კომპოზიტების ელექტროთვისებები	Tbilisi, Georgia	2009

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2nd International Conference of Georgian Ceramists and Exposition	High refractory carboncontaining composite	Tbilisi, Georgia	2009
2nd circular SHAPING 4 Fourt International Conference on Shaping of Advanced Ceramics,	MULTIFUNCTIONAL HETERO-MODULE COMPOSITE IN B4C-BN-TiC-SiC-C SYSTEM	Madrid, Spain	2009
33rd International Conference and Exposition on Advanced Ceramics and Composites	MULTIFUNCTIONAL HETERO-MODULE COMPOSITE IN B4C-BN-TiC-SiC-Al2O3-C SYSTEM	Florida, USA	2009
2 nd International Congress on Ceramics	Cutting nanoceramics in the Al2O3 – TiC System	Verona, Italy	2008
Sohn International Symposium	Ceramics working in extreme conditions for BaO-Al2O3-SiO2 Systems	San Diego, California	2006
Sohn International Symposium	Use of Refractory Carbides in Technique	San Diego, California	2006
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	Use of Refractory Carbides in Technique	San Diego, California	2006
Structural Chemistry 2006	New ceramic and polymer composites carable to work under extreme conditions	Saint-Petersburg, Russia.	2006

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Google scholar	28.00	3.00
Scopus	6.00	2.00
Web of science	7.00	1.00