

Publications
2013

1. **T.Kuchukhidze, A.Mikeladze, E.Sanaia, G.Bokuchava, G.Darsavelidze, R.Chedia**
“Fabrication of bulk targets of MgB₂ with stoichiometric and nonstoichiometric contents”.
Journal of Materials Science and Engineering B 3 (12),p. 793-798.
2. **I.Kurashvili, E. Sanaia, G.Darsavelidze, G. Bokuchava, A. Sichinava, I. Tabatadze, V. Kuchukhidze.**
“Physical-Mechanical Properties of Germanium Doped Monocrystalline Silicon”.
Journal of Materials Science and Engineering A 3 (11), p. 698-703.
3. **I.R. Metskhvarishvili, G.N. Dgebuadze, B.G. Bendeliani, M.R. Metskhvarishvili, T.E. Lobzhanidze, G.N. Mumladze.**
“Low Field ac Susceptibility and High Harmonics Studies in PbMo₆S₈ Polycrystalline Superconductor”.
Journal of Low Temperature Physics 170 (2013) 68-74.
4. **I.Metskhvarishvili, G.Dgebuadze, B. Bendeliani, T. Lobzhanidze, M. Metskhvarishvili, G.Mumladze**
“Low ac field response of Bi-based superconductors with addition of Antimony oxide *Journal of Physics: Conference Series (2013)*”
5. **V.G. Kirtskhalia**
“The new determination of the criteria of compressibility and incompressibility of medium”. *Journal of Modern Physics, Vol. 4, No. 8, 2013.*
6. **N. M. Margiani, I.R. Metskhvarishvili, Z.A. Adamia, T.D. Medoidze, D.I. Zanashvili, M.I. Chubabria**
“Influence of Boron containing dopants on superconducting properties of (Bi,Pb)-2223 HTS”
Journal of Superconductivity and Novel Magnetism, 26 (2013) 965-968
7. **I.M.Petrov, V.A.Tabatadze, D.G. Kakulia, R.S.Zaridze**
“Applying auxiliary irradiation method for the surfaces of flat and open conducting plates”
Journal of Communications Technology and Electronics.
8. **Yu. Nadaraia, N. Jalabadze, R. Chedia, L. Khundadze.**
“Production of nanopowder and bulk aluminate ceramic scintillators”.
Ceramics International, ELSEVIER. 2013, 8, 2207-2214.
9. **T.V. Kuchukhidze, T.N., Archuadze, V.G. Gabunia, M.A. Kalaria., O.I. Lekashvili, R.V. Chedia**
“Ultra-dispersive α -aluminum Oxide Powders of Low temperature Synthesis”.
In Book: Third International Caucasian Symposium on Polymers & Advanced Materials.
10. **T.Kuchukhidze, T.Archuadze, V.Gabunia, M.Kalaria, O.Lekashvili, R.Chedia.**
“Some issues of low temperature synthesis of α -alumina powders”
Nano Studies, 2013,8, 315-326.
11. **E.Sanaia, I.Kurashvili, T.Kuchukhidze, G.Darsavelidze**
“Dynamic mechanical properties of high temperature superconducting ceramic YBa₂Cu₃O_{7-d}”.
Georgian Chemical Journal, 13, № 70-72

12. **G.Chubinidze, I.Kurashvili, I.Tabatadze, M.Biliseishvili.**
“Lowtemperature relaxation processes in Ge bulk crystals”.
Georgian Chemical Journal, 13, №1, 73-76

13. **F.Basaria, I.Tabatadze, M.Rekhviashvili, Z.Isakadze.**
“Lowtemperature electro-insulating antisublimation material for connection of thermal battery branches based on $\text{Bi}(\text{TeSe})_3$, $(\text{BiSb})_2\text{Te}_3$ alloys ”
Georgian Chemical Journal, 13, №2, 157-162.