

Dr.S.Ganesamoorthy

Publications List

1. M Suganya, P Vijayakumar, S Jakathamani, Amirdha Sher Gill, O Annalakshmi, RM Sarguna, S Ganesamoorthy, Thermoluminescence studies on $\text{YAlO}_3\text{:Cu}$ single crystal, AIP Conference Proceedings 2265 (1), 030412, 2020
2. P Vijayakumar, EP Amaladass, K Ganesan, RM Sarguna, S Chinnathambi, S Ganesamoorthy, V Sridharan, Awadhesh Mani, N Subramanian, Electrical resistivity studies on $\text{Cd}_{0.9}\text{Zn}_{0.1}\text{Te}$ single crystals grown by travelling heater method, AIP Conference Proceedings 2265 (1), 030414, 2020
3. M Suganya, K Ganesan, P Vijayakumar, Amirdha Sher Gill, R Ramaseshan, S Ganesamoorthy, Structural, optical and mechanical properties of $\text{Y}_2\text{Ti}_2\text{O}_7$ single crystal, Scripta Materialia 187, 227-231, 2020
4. M Suganya, K Ganesan, P Vijayakumar, S Jakathamani, Amirdha Sher Gill, O Annalakshmi, SK Srivastava, RM Sarguna, S Ganesamoorthy, Structural and optical properties of beta irradiated YAlO_3 single crystals, Optical Materials 107, 110095, 2020
5. P Aravinth Kumar, Arun Kumar, Keshav Kumar, G Anandha Babu, Palanimuthu Vijayakumar, Sarveswaran Ganesamoorthy, P Ramasamy, Dhananjai Pandey, Evidence for Spin Glass Transition in Hexagonal DyMnO_3 without Substitutional Disorder, The Journal of Physical Chemistry C, Vol. 123, Pages 30499-30508, 2019
6. AS Pratiyush, UU Muazzam, S Kumar, P Vijayakumar, S Ganesamoorthy, Optical Float-Zone Grown Bulk - Ga_2O_3 -Based Linear MSM Array of UV-C Photodetectors, IEEE Photonics Technology Letters 31 (12), 923-926
7. PA Kumar, A Kumar, K Kumar, GA Babu, P Vijayakumar, Evidence for superferrimagnetic clusters and spin-glass transition involving 4f Dy^{3+} spins in h- DyMnO_3 : A new twist to 4f Re^{3+} spin ordering in hexagonal manganites, arXiv preprint arXiv:1804.05401
8. S Dhankhar, G Bhalerao, S Ganesamoorthy, K Baskar, S Singh Growth and comparison of single crystals and polycrystalline brownmillerite $\text{Ca}_2\text{Fe}_2\text{O}_5$ Journal of Crystal Growth 468, 311-315

9. R Bhatt, I Bhaumik, S Ganesamoorthy, R Bright, M Soharab, AK Karnal Control of intrinsic defects in lithium niobate single crystal for optoelectronic applications, *Crystals* 7 (2), 23
10. PR Babu, I Bhaumik, S Ganesamoorthy, S Kalainathan, R Bhatt Growth, mechanical, and magnetic study of SmFeO_3 single crystal grown by optical floating zone technique, *Journal of Alloys and Compounds* 676, 313-319
11. R Bhatt, I Bhaumik, S Ganesamoorthy, M Soharab, AK Karnal, PK Gupta Spectroscopic analysis of erbium doped LiNbO_3 : Effect of dopant concentration, vapor transport equilibration and poling *Journal of Alloys and Compounds* 664, 481-486
12. K Aravinth, G Anandhababu, P Ramasamy, S Ganesamoorthy, Single crystal growth of DyMnO_3 optical floating zone technique, *Proceedings of the twentieth national seminar on crystal growth and applications*
13. RN Rai, S Kant, RSB Reddi, S Ganesamoorthy, PK Gupta ,Solid state synthesis, crystal growth and optical properties of urea and p-chloronitrobenzene solid solution *Journal of Solid State Chemistry* 233, 244-251
14. B Riscob, I Bhaumik, S Ganesamoorthy, R Bhatt, N Vijayan, K Zimik, Crystal growth of Ru-doped congruent LiNbO_3 and investigation of crystalline perfection and optical properties, *Journal of Applied Crystallography* 48 (6), 1753-1760
15. PR Babu, I Bhaumik, S Ganesamoorthy, S Kalainathan R Bhatt, Investigation of magnetic property of GdFeO_3 single crystal grown in air by optical floating zone technique, *Journal of Alloys and Compounds* 631, 232-236
16. I Bhaumik, S Ganesamoorthy, R Bhatt, N Subramanian, AK Karnal Influence of cerium doping on the dielectric relaxation of $\text{Sr}_{0.75}\text{Ba}_{0.25}\text{Nb}_2\text{O}_6$ single crystal grown by the double crucible Stepanov technique, *Journal of Alloys and Compounds* 621, 26-29
17. V Sivasubramanian, S Ganesamoorthy, Elastic behavior and dynamical aspects of polarization in $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ and $\text{Pb}(\text{Mg}_{1/3}\text{Ta}_{2/3})\text{O}_3$ studied by Brillouin spectroscopy *The European Physical Journal Applied Physics* 69 (1), 10701