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Last five years publication list:

1. Suganya, M., Vijayakumar, P., Jakathamani, S., Gill, A. S., Annalakshmi, O., Sarguna, R. M., & Ganesamoorthy, S. (2020, November). Thermoluminescence studies on YAlO3: Cu single crystal. In *AIP Conference Proceedings* (Vol. 2265, No. 1, p. 030412). AIP Publishing LLC.
2. Vijayakumar, P., Amaladass, E. P., Ganesan, K., Sarguna, R. M., Chinnathambi, S., Ganesamoorthy, S., ... & Subramanian, N. (2020, November). Electrical resistivity studies on Cd0. 9Zn0. 1Te single crystals grown by travelling heater method. In *AIP Conference Proceedings* (Vol. 2265, No. 1, p. 030414). AIP Publishing LLC.
3. Suganya, M., Ganesan, K., Vijayakumar, P., Gill, A. S., Ramaseshan, R., & Ganesamoorthy, S. (2020). Structural, optical and mechanical properties of Y2Ti2O7 single crystal. *Scripta Materialia*, *187*, 227-231.
4. Suganya, M., Ganesan, K., Vijayakumar, P., Jakathamani, S., Gill, A. S., Annalakshmi, O., ... & Ganesamoorthy, S. (2020). Structural and optical properties of beta irradiated YAlO3 single crystals. *Optical Materials*, *107*, 110095.
5. Kumar, P. A., Kumar, A., Kumar, K., Babu, G. A., Vijayakumar, P., Ganesamoorthy, S., & Pandey, D. (2019). Evidence for Spin Glass Transition in Hexagonal DyMnO3 without Substitutional Disorder. *The Journal of Physical Chemistry C*, *123*(50), 30499-30508.
6. Muazzam, U. U., Raghavan, M. S., Pratiyush, A. S., Muralidharan, R., Raghavan, S., Nath, D. N., & Shivashankar, S. A. (2020). High-responsivity (In0. 26Ga0. 74) 2O3 UV detectors on sapphire realized by microwave irradiation-assisted deposition. *Journal of Alloys and Compounds*, *828*, 154337.
7. Kumar, P. A., Kumar, A., Kumar, K., Babu, G. A., Vijayakumar, P., Ganesamoorthy, S., ... & Pandey, D. (2018). Evidence for superferrimagnetic clusters and spin-glass transition involving 4f Dy3+ spins in h-DyMnO3: A new twist to 4f Re3+ spin ordering in hexagonal manganites. *arXiv preprint arXiv:1804.05401*.

8. Kumar, P. A., Kumar, A., Kumar, K., Babu, G. A., Vijayakumar, P., Ganesamoorthy, S., ... & Pandey, D. (2018). Evidence for superferrimagnetic clusters and spin-glass transition involving 4f Dy3+ spins in h-DyMnO3: A new twist to 4f Re3+ spin ordering in hexagonal manganites. *arXiv preprint arXiv:1804.05401*.
9. Dhankhar, S., Bhalerao, G., Ganesamoorthy, S., Baskar, K., & Singh, S. (2017). Growth and comparison of single crystals and polycrystalline brownmillerite Ca2Fe2O5. *Journal of Crystal Growth*, *468*, 311-315.
10. Bhatt, R., Bhaumik, I., Ganesamoorthy, S., Bright, R., Soharab, M., Karnal, A. K., & Gupta, P. K. (2017). Control of intrinsic defects in lithium niobate single crystal for optoelectronic applications. *Crystals*, *7*(2), 23.
11. Babu, P. R., Bhaumik, I., Ganesamoorthy, S., Kalainathan, S., Bhatt, R., Karnal, A. K., & Gupta, P. K. (2016). Growth, mechanical, and magnetic study of SmFeO3 single crystal grown by optical floating zone technique. *Journal of Alloys and Compounds*, *676*, 313-319.
12. Bhatt, R., Bhaumik, I., Ganesamoorthy, S., Soharab, M., Karnal, A. K., & Gupta, P. K. (2016). Spectroscopic analysis of erbium doped LiNbO3: Effect of dopant concentration, vapor transport equilibration and poling. *Journal of Alloys and Compounds*, *664*, 481-486.
13. Riscob, B., Bhaumik, I., Ganesamoorthy, S., Bhatt, R., Vijayan, N., Zimik, K., ... & Gupta, P. K. (2015). Crystal growth of Ru-doped congruent LiNbO3 and investigation of crystalline perfection and optical properties. *Journal of Applied Crystallography*, *48*(6), 1753-1760.
14. Babu, P. R., Bhaumik, I., Ganesamoorthy, S., Kalainathan, S., Bhatt, R., Karnal, A. K., & Gupta, P. K. (2015). Investigation of magnetic property of GdFeO3 single crystal grown in air by optical floating zone technique. *Journal of Alloys and Compounds*, *631*, 232-236.
15. Bhaumik, I., Ganesamoorthy, S., Bhatt, R., Subramanian, N., Karnal, A. K., Gupta, P. K., ... & Kitamura, K. (2015). Influence of cerium doping on the dielectric relaxation of Sr0. 75Ba0. 25Nb2O6 single crystal grown by the double crucible Stepanov technique. *Journal of Alloys and Compounds*, *621*, 26-29.