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LIST OF PUBLICATIONS

- 1. Siva Kumar Pendyala, K. Thyagarajan, A. GuruSampath Kumar &L. Obulapathi, “Effect of Mg doping on physical properties of Zn ferrite nanoparticles”, Journal of the Australian Ceramic Society(2018)54:467–473.**
- 2. Siva Kumar Pendyala, K. Thyagarajan, A. GuruSampath Kumar &L. Obulapathi,”Investigations on physical properties of Mg ferrite nanoparticles for microwave applications”, Journal of microwave power and electromagnetic energy, Vol.3,issue1(2019).**
- 3. P. S. Kumar, K. Thyagarajan, A. G. Kumar,” investigations on physical properties of zinc ferrite nanoparticles using sol-gel auto combustion technique”, Digest Journal of Nanomaterials and Biostructures Vol.13, No.4, October-December 2018, p. 1117-1122.**
- 4. Sivakumar Pendyala, G.K.Sivasankara Yadav,” Effect of Calcination Temperature on Structural, dielectric and magnetic properties of $Mg_{0.6}Zn_{0.4}Fe_2O_4$ ferrite nanoparticles-Waffen-Und Kostumkunde, Vol(11), Issue 9, September 2020, P.36-41.**
- 5. Siva Sankara Yadav, T. Satya, Sivakumar Pendyala, “Effect Of Calcination Temperature On Structural And Dielectric Properties Of Zn Ferrite Nanoparticles”, Solid State Technology, Vol (63), Issue 6, Nov2020, PP.7398-7406.**
- 6. G. Prathiba , A.Thirupathi , V. K .Vamsi Krishna, P. Sivakumar, “[Effect of Ni substitution on structural, dielectric and magnetic properties of Zn ferrite nanoparticles](#)”, Journal of Ovonic Research, Vol 17(4), 323-331.**

7. **P. Sivakumar**, G. K. Yadav, VK Krishna, A. Tirupati, “**Investigation on physical properties of Ni_{0.6}Zn_{0.4}Fe₂O₄ ferrite nanoparticles**” Journal of Ovonic Research, Vol 17(2), 191-199.
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9. T.G.V. Mallikarjun Rao ,A.Thirupathi, V. K. Vamsi Krishna, **P. Siva Kumar**,” TUNABLE WHITE-LIGHT LUMINESCENCE PROPERTIES OF RE IONS DOPED MGAL₂O₄ HYBRID NANOPARTICLES”, THE JOURNAL OF ORIENTAL RESEARCH MADRAS, ISSN : 0022-3301.
- 10.T.G.V. Mallikarjun Rao a* ,**P. Siva Kumar** , V. K. Vamsi Krishna,” TUNABLE WHITE-LIGHT LUMINESCENCE PROPERTIES OF RE IONS DOPED MNAL₂O₄ HYBRID NANOPARTICLES”, Kanpur Philosophers, Vol. VIII, Issue I : 2021.
11. Kishor Pale , G. K. Siva Sankara Yadav ,**P. Siva Kumar** ,Sambhani Naga Gayatri , P. Ramesh Babu , Md. MustaqAli , and Ramesh Kola ,“ Utilization of Rice husk as an Activated Carbon Adsorbent for the Purification of Used Cooking Oil”, High Energy Chemistry , Vol. 57, No. 1, pp. 83–88.
- 12.P. Sateesh, **P. Sivakumar** , “A Review on Photovoltaic Technologies, Design and its Efficiency”, The Review of Contemporary Scientific and Academic Studies, Vol. 3 | Issue No. 4, ISSN: 2583-1380.
- 13.Dr. P. Sateesh , Dr. T. Vijaykumar , Dr. Y. Seetha MahaLakshmi³ , Dr. S. Suresh , Dr. S. Karunakar reddy, **Dr. P. Sivakumar**, Dr. N. Narendra Phani kumar, G..Ramesh babu”, “An Enhanced Quantum Algorithm for Error Correction And Improved Quantum Computing Speed”, Eur. Chem. Bull. 2023,12(4), 2740-2753.
- 14.Gopinath. Kadari , M. Sarita , Y. Subbarao , Masma. Shaik, Ch. Chakrapani, N. Narendra Phani Kumar, Satish Poonam, **P. Siva Kumar**, “A review of the Advancement of New High-Performance Liquid Chromatographic Strategies for the Assurance of Co-Formulated Drugs”, Eur. Chem. Bull. 2023, 12(7), 2410-2420.
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16. P. Sateesh, Y. Subbarao, V. Sunil Kumar, Hemanth Kumar Narsdetti, K. Ashalatha, G. Ramireddy, K. Gopinath, **P. Sivakumar**,” Annealed temperature sol-gel deposited P-Channel type $\text{Cu}_x\text{Cr}_{1-x}\text{O}_{2-A}$ Thin film transistors, “ Journal of Basic Science and Engineering”, Vol.21, 1480-1493.
17. P. Sateesh,* Masma Shaik, N. Maramu, M. Sreekanth, G. Prathibha, **P. Sivakumar**,” Review on Essentials of Genomics and Biomedical Informatics”, “ Journal of Basic Science and Engineering”, Vol.21, 1224-1238.
18. T.V. Kumar, M.C.S Reddy, G. Prathibha, B.H.C. Rao, J.V. Kumar, **P.S. Kumar**,” Impact of fly-ash (silica) on amorphous phase formation in $\text{NaNO}_3\text{-Sr}(\text{NO}_3)_2$ composite solid electrolytes”, “Digest Journal of Nanomaterials and Biostructures”, 2024, 19(4), 1591-1603.
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