- 1. Nano bioactive HAP-nano bioresorbable β -TCP-PEG composite scaffolds and their biochemical activity for implant applications
 - K Kala, M Sundara Ganeasan, V Balasubramani, J Manovasuki, K Valivittan, TM Sridhar, MR Kuppusamy, Journal of Ceramic Processing Research, 21, 2, 240-248, , 2020.
- 2. Fabrication of polycaprolactone/ β -tricalciumphosphate based **nano scaffolds** using electrospinning method for biomedical applications
 - K Seethalakshmi, M Kaviya, M Ganeasan Sundara, B Venkatachalapathy, KM Veerabadran, TM Sridhar, Indian Journal of Chemistry-Section A (IJCA), 59, 9, 1292-1297, 2020
- 3. Surface Modification of 316L Stainless Steel dental implants by Novel Bioinert Nano Zirconia coating.
 - S Mohandoss, M Sundara Ganeasan, J Manovasuki, TM Sridhar, Trends in Biomaterials & Artificial Organs, 34, 3, 2020
- 4. Solanum melongena leaf extract based zinc oxide nanoparticles synthesis using green chemistry concepts
 - A Nagarajan, V Balasubramani, V Sethuraman, TM Sridhar, R Sasikumar, G Vimala, Indian Journal of Chemistry-Section A (IJCA), 59, 9, 1273-1277, 2020
- 5. Effect of Humidity on Formation of Electrospun Polycaprolactone Nanofiber Embedded with Curcumin using Needdleless Electrospinning
 - Ramprasath Ramakrishnan, Praveen Ramakrishnan, Balu Ranganathan, Cowen Tan, TM Sridhar, Jolius Gimbun, Materials Today: Proceedings, 19, 1241-1246, Elsevier, 2019
- 6. Electrochemical, mechanical and osseointegration evaluation of NBPC-coated 316L SS by EPD
 - R Manonmani, SP Vinodhini, B Venkatachalapathy, TM Sridhar, Surface Engineering, 34, 7, 511-519, Taylor & Francis, 2018
- 7. Synthesis of Hexagonal ZnO-PQ7 Nano Disks Conjugated with Folic Acid to Image MCF-7 Cancer Cells
 - S Sureshkumar, B Jothimani, TM Sridhar, Arul Santhosh, B Venkatachalapathy, Journal of fluorescence, 27, 1, 21-29, Springer US, 2017
- 8. Influence of H2S Concentration on Mn Sensitized Tin Dioxide Nanoparticles Based Sensor—An Impedance Spectroscopic Investigation
 - S Suresh Kumar, B Venkatachalapathy, L Sujatha, T Subba Rao, TM Sridhar, Sensor Letters, 14, 9, 949-954, American Scientific Publishers, 2016
- 9. Interlayer TiO 2–HAP composite layer for biomedical applications SP Vinodhini, R Manonmani, B Venkatachalapathy, TM Sridhar, RSC Advances, 6, 67, 62344-62355, Royal Society of Chemistry, 2016.

10. Pulse Electric Field analysis on breast cancer model

S Poompavai, V Gowri Sree, TM Sridhar, 2015 International Conference on Condition Assessment Techniques in Electrical Systems (CATCON), 168-172, IEEE, 2015.