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AREA OF INTEREST

- Drug Delivery System
- Kinetic Modeling
- Nano Particle synthesis and its application
- Hybrid Membranes

LIST OF PUBLICATIONS

1. D Doddamani, J PonnanEttiyappan, "Sacrificial sulphonated polystyrene template-assisted synthesis of mesoporous hollow core-shell silica nanoparticles for drug-delivery application", Bulletin of Materials Science 43 (1), 1-9, 2020.
2. VV Kadam, SD Shanmugam, JP Ettiyappan, RM Balakrishnan, "Photocatalytic degradation of p-nitrophenol using biologically synthesized ZnO nanoparticles", Environmental Science and Pollution Research, 1-12, 2020.
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17. GKS Arumugam, D Sharma, RM Balakrishnan**, JBP Ettiyappan**, "Extraction, optimization and characterization of collagen from sole fish skin", Sustainable Chemistry and Pharmacy 9, 19-26, 2018.
18. AK Nair, **PE JagadeeshBabu**, "Ag–TiO2 Nanofiber Membranes for Photocatalytic Degradation of Dyes", Advanced Science Letters 24 (8), 5764-5767, 2018.

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20. **PEJB** Abhinav K. Nair, B. Vinay Kumar, Gopinath Kalaiarasan, “TiO2 nanosheet incorporated polysulfone ultrafiltration membranes for dye removal”, Desalination and Water Treatment 107, 324–331, 2018.
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