

Velammal College of Engineering And Technology
(Autonomous)
Madurai

List of Publication in the year 2023-2024 and Ranking

S. No	Name of the Author	Publication Title	Journal Name	Publisher	Impact factor	Ranking
1	Dr. C. Sankar	Hydrothermal synthesis of ZnZrO ₂ /chitosan (ZnZrO ₂ /CS) nanocomposite for highly sensitive detection of glucose and hydrogen peroxide	International Journal of Biological Macromolecules	Science Direct	8.2	1
2	Dr. R. Babhu Vignesh	Corn husk biochar and chromium (VI) ions blended soil as fuel in soil microbial fuel cell	Biomass Conversion and Bio-refinery	Springer Link	4	2
3	Dr. C. Sankar	Silver-functionalized bismuth oxide (AgBi ₂ O ₃) nanoparticles for the superior electrochemical detection of glucose, NO ²⁻ and H ₂ O ₂	RSC advances	Royal Society of Chemistry	3.9	3
4	Dr. C. Sankar	Synthesis, Antimycobacterial screening, Molecular docking, ADMET prediction and Pharmacological evaluation on novel pyran-4-one bearing Hydrazone, Triazole and Isoxazole	Journal of Molecular Structure	Science Direct	3.8	4
5	Dr. C. Sankar	A facile synthesis of CuZrO ₂ nanoparticles functionalized Chitosan for capable and stable non-enzymatic electrochemical detection of glucose and H ₂ O ₂	New Journal of Chemistry	Royal Society of Chemistry	3.3	5
6.	Dr. K.Suganandam	Thermo-hydraulic performance of nanofluids composed of functionalized MWCNT	Materials today Proceedings	Science Direct		6

R. Sankar
15/12/23
HOD Chemistry