Research Publications (Journal Paper)

Department of Chemical Engineering

2026-27

1. **Lipika Das**, Sibsankar Rahut, "An Aqueous Phase Electro-Reduction of CO2 Over Surface Oxygen Vacancy on Indium Doped SnO2-x (110) and (101) Nanoflake Interfaces", Chemistry Select, September, 2026, 11(35), e74438.

   Impact Factor: 2.3

   H-index of the Journal: 78

   ISSN No. - 2365-6549

   DOI No.: https://doi.org/10.1002/slct.74438

   Publisher: Wiley, **SCI/Scopus/Web of Science:** All

   Link - https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.74438

2. **Suman Saha**, "Bioleaching-Assisted Palladium (Pd) Recovery from Various Sources and Its Application in Biomedical Purposes: A Mini-Overview", Discover Applied Sciences, September, 2026, 8, 1033.

   Impact Factor: 3.8

   H-index of the Journal: 90

   Citation: NA

   ISSN No. : 3004-9261

   DOI No.: https://doi.org/10.1007/s42452-026-09028-8

   Publisher: Springer Nature**, SCI/Scopus/Web of Science:** All

   Link- https://link.springer.com/article/10.1007/s42452-026-09028-8#citeas

3. Swarnajit Bhattacharya, Biswajit Mandal, Banshidhari Samanta, "A centralized mapping architecture for Automated Streetlight Fault Detection via Wireless Sensor Mesh Networks", Fronteirs in Sensors, September 2026, Sec. Sensor Networks, 7, 1-13.

   Impact Factor: Nil

   H-index of the Journal: 14

   Citation:

   ISSN: 2673-5067

   DOI: https://doi.org/10.3389/fsens.2026.1905827

   Publisher: Frontiers Media **, SCI/Scopus/Web of Science:** Scopus/ No WoS

Link: -

https://www.frontiersin.org/journals/sensors/articles/10.3389/fsens.2026.1905827/full