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Publications*

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List of conferences/presentations

- Poster presentation in Research and Industrial Conclave Integration 2022, IIT Guwahati, 20 -23 January 2022.
- Poster Presentation at International Conference on Advanced materials for better tomorrow (ABMT - 2021) IIT BHU Varanasi, 13 – 17 July 2021.
- 6th National Symposium Shaping the Energy Future: Challenges and Opportunities 2022, IIP Dehradun 26 -27 August 2022.
- Participation in international conference of international academy of physical sciences, JNU, 26 -28 October 2021
- Oral presentation in 8th interdisciplinary Symposium on Material chemistry (ISMC-2020)

List of Publications

- **Jatav, N.**, Kuntail, J., Khan, D., De, A. K., & Sinha, I. (2021). AgI/CuWO₄ Z-scheme photocatalyst for the degradation of organic pollutants: Experimental and molecular dynamics studies. *Journal of Colloid and Interface Science*, 599, 717-729.
- **Jatav, N.**, Shrivastava, A., De, A. K., & Sinha, I. (2022). Experimental and molecular dynamics investigations on Z-scheme visible light Ag₃PO₄/CuWO₄ photocatalysts for antibiotic degradation. *Journal of Environmental Chemical Engineering*, 10(3), 107975.
- De, A. K., Kamal, N., Kumar, U., **Jatav, N.**, & Sinha, I. (2023). The bandgap of sulfur-doped Ag₂O nanoparticles. *Physical Chemistry Chemical Physics*, 25(3), 2320-2330.
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