

Publications

1. M.S.Sameeha, Soumya Joy, **N. Meenakshisundaram**, R.K. Karn, C. Gopalakrishnan, P. Karthick, K. Jeyadheepan, K. Sankaranarayanan, Phase Tuned Synthesis of Titanium Di-Oxide Nanoparticles for Room Temperature Enhanced Ammonia Detection. *RSC Advances* Vol.7, 37720(2017).
2. S M Ramachandran, K V P Latha and **N Meenakshisundaram**, Calculation of the atomic electric dipole moment of Pb²⁺ induced by nuclear Schiff moment, *J. Phys. B: At. Mol. Opt. Phys.*, 50, 145003(2017).
3. Santhia Carmel, Adhithan Pon, **N Meenakshisundaram**, R. Ramesh and Arkaprava Bhattacharyya, Bandgap Scaling and Negative Differential Resistance behavior of Zigzag Phosphorene Antidot Nanoribbons (ZPANRs), *Phys. Chem. Chem. Phys.* 20, 14855(2018).
4. K. Roja, Priya Mehta, M. Premalatha, K. Jeyadheepan, C. Gopalakrishnan, **N. Meenakshisundaram**, Kamatchi Sankaranarayanan, Biosynthesized silver nanoparticles as antimicrobial agents and photocatalytic degradation of methylene blue, *Desalination and Water Treatment* 156, 292(2019).
5. Prahalad Kanti Barman, Pranshoo Upadhyay, Ramesh Rajarapu, Sharad Kumar Yadav, Latha K. V. P., **Meenakshisundaram N.**, and Pramoda K. Nayak Twist-Dependent Tuning of Excitonic Emissions in Bilayer WSe₂, *ACS Omega*, 7, 7, 6412–6418 (2022).