

# Appendix I

## List of Publications:

1. Urgunde, A. B.; Kumar, A. R.; Shejale, K. P.; Sharma, R. K.; Gupta, R. Metal Wire Networks Functionalized with Nickel Alkanethiolate for Transparent and Enzymeless Glucose Sensors. *ACS Applied Nano Materials* **2018**, 1, 5571-5580.
2. Urgunde, A. B.; Kamboj, V.; Kannattil, H. P.; Gupta, R. Layer-by-Layer Coating of Cobalt-Based Ink for Large-Scale Fabrication of OER Electrocatalyst. *Energy Technology* **2019**, 7, 1–8.
3. Urgunde, A. B.; Bahuguna, G.; Dhamija, A.; Kamboj, V.; Gupta, R. Scalable Production of Nickel Cobaltite Nanoplates Using Solution-Processed Inks for OER Electrocatalysis. *Materials Research Bulletin* **2021**, 142, 111380.
4. Urgunde, A. B.; Bahuguna, G.; Dhamija, A.; Das, P. P.; Ritu, R. Ni Ink-Catalyzed Conversion of a Waste Polystyrene–sugar Composite to Graphitic Carbon for Electric Double-Layer Supercapacitors. *ACS Applied Electronic Materials* **2020**, 2, 3178–3186.
5. Urgunde, A. B.; Dhamija, A.; Gupta, R. NiCo<sub>2</sub>O<sub>4</sub> Nanoplates as Sensing Platform for Simultaneous Detection of Dopamine and Uric acid. *Chem.: Asian J* **2021**, (DOI: 10.1002/asia.202101166)



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