

## Publications

### (a) List of Publications from dissertation Work

- 1 The synthesis, characterization, removal of toxic metal ions and in vitro biological applications of a sulfanilamide–salicylic acid–formaldehyde terpolymer. *RSC Adv.*, 2016, 6, 54904.
- 2 Enhancing Toxic Metal Ions and Dye Removal Properties of Nanostructured Terpolymer Formed by Diaminodiphenylmethane-Resorcinol-Formaldehyde. *ChemistrySelect* 2017, 2, 9501-9510.

### (b) List of Publications outside dissertation Work

- 1 Multi-functional properties of ternary CeO<sub>2</sub>/SnO<sub>2</sub>/rGO nanocomposites: Visible light driven photocatalyst and heavy metal removal. *Journal of Photochemistry and Photobiology A: Chemistry* 346 (2017) 32–45.
- 2 A low cost additive-free facile synthesis of BiFeWO<sub>6</sub>/BiVO<sub>4</sub> nanocomposite with enhanced visible-light induced photocatalytic activity. *Journal of Colloid and Interface Science* 506 (2017) 553–563.
- 3 Mechanistic investigation of visible light driven novel La<sub>2</sub>CuO<sub>4</sub>/CeO<sub>2</sub>/ rGO ternary hybrid nanocomposites for enhanced photocatalytic performance and antibacterial activity. *Journal of Photochemistry and Photobiology A: Chemistry* 340 (2017) 96–108.
- 4 Curcumin-loaded layer-by-layer folic acid and casein coated carboxymethyl cellulose/casein nanogels for treatment of skin cancer. *Arabian Journal of Chemistry* (2017).
- 5 Bio-functionalized hybrid nanocomposite membranes for direct methanol fuel cells. *RSC Adv.*, 2016, 1–13.
- 6 Quick synthesis of 2-propanol derived fluorescent carbon dots for bioimaging applications. *Optical Materials* 78 (2018) 477e483.
- 7 Green Synthetic Approach of Silver Nanoparticles from Bauhinia Tomentosa Linn Leaves Extract as Potent Photocatalytic and In-Vitro Biological Applications. *Journal of Materials Science: Materials in Electronics* (Accepted).