

No.	Title of the paper/conference	Date of publication	Journal/Publisher
1	Electrochemical Oxygen Evolution Reaction Catalyzed by Cobalt Oxide (Co <sub>3</sub> O <sub>4</sub> ) Nanodisks	2020	Science Advanced Materials
2	Gas sensor device for high-performance ethanol sensing using $\alpha$ -MnO <sub>2</sub> nanoparticles	2020	Materials Letters
3	MnO <sub>2</sub> Nanoparticles Anchored Multi Walled Carbon Nanotubes as Potential Anode Materials for Lithium Ion Batteries	2021	Journal of Nanoscience and Nanotechnology
4	Highly sensitive and selective Eco-toxic 4-nitrophenol chemical sensor based on Ag-doped ZnO nanoflowers decorated with nanosheets	2021	molecules
5	Ultrathin leaf-shaped CuO nanosheets based sensor device for enhanced hydrogen sulfide gas sensing application	2021	chemosensors
6	Star-fruit-shaped CuO structures for high performance ethanol gas sensor device	2021	Science of advanced materials
7	CdO–ZnO nanorices for enhanced and selective formaldehyde gas sensing applications	2021	Environmental Research
8	Clean light oriented ultrafast Pt/Bi <sub>2</sub> S <sub>3</sub> nanoflakes for the photocatalytic destruction of gemifloxacin mesylate drug and methylene blue	2021	Journal of Photochemistry and Photobiology A: Chemistry
9	Matrix Isolation IR Studies of the Criegee Intermediate''	2016	7th Heron Island Conference on Reactive Intermediates and Unusual Molecules