

The application of Self-Assembled of meso-2,3-dimercaptosuccinic acid-polydopamine-zinc oxide for trace cadmium analysis

Min Lu ^{1,2}, Xu Zhang ^{2,*}, Nuo Chen ³

¹ Hubei Harmful Solid Waste Management Center, Wuhan, 430072, China; minluhubei@gmail.com

² Department of Environmental Science, Wuhan University, Wuhan, 430079, China; xuzhangwhu@gmail.com

³ Construction & Management Bureau of North Hubei Water Transfer Project, Wuhan, 430062, China; chennuo.19890506@163.com

* Correspondence: xuzhangwhu@gmail.com; Tel.: +86-2768778381 (X.Z.)

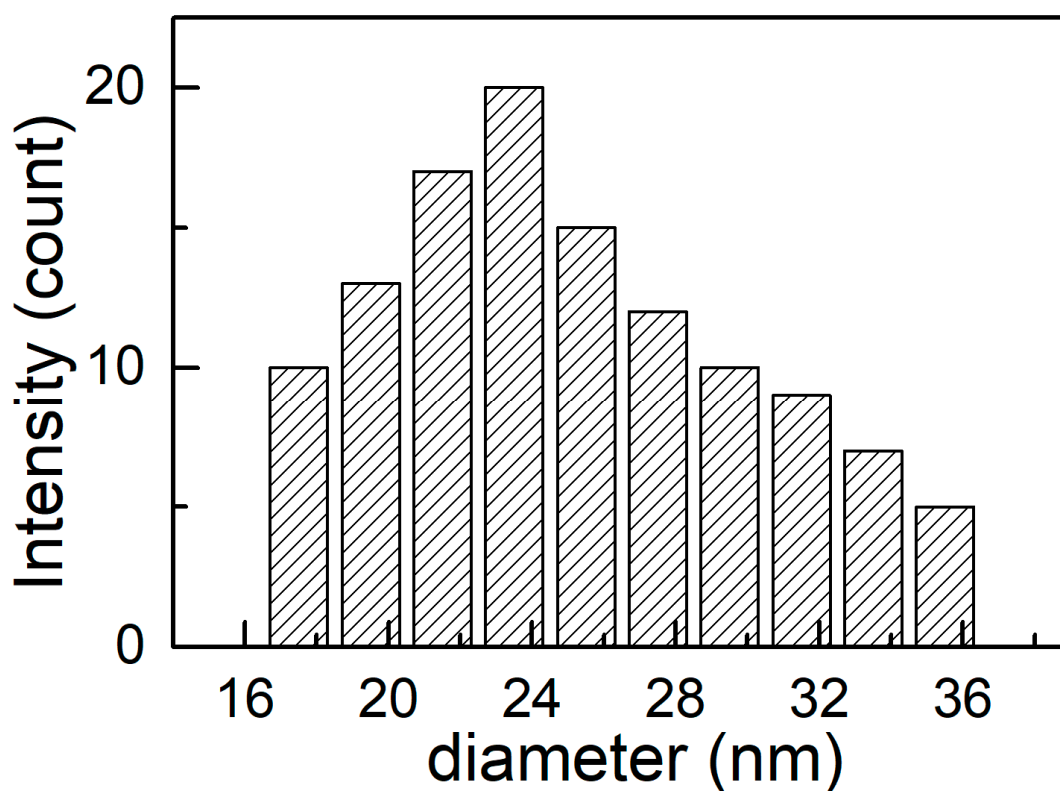


Figure S1. Statistical analysis of ZnO size from TEM image

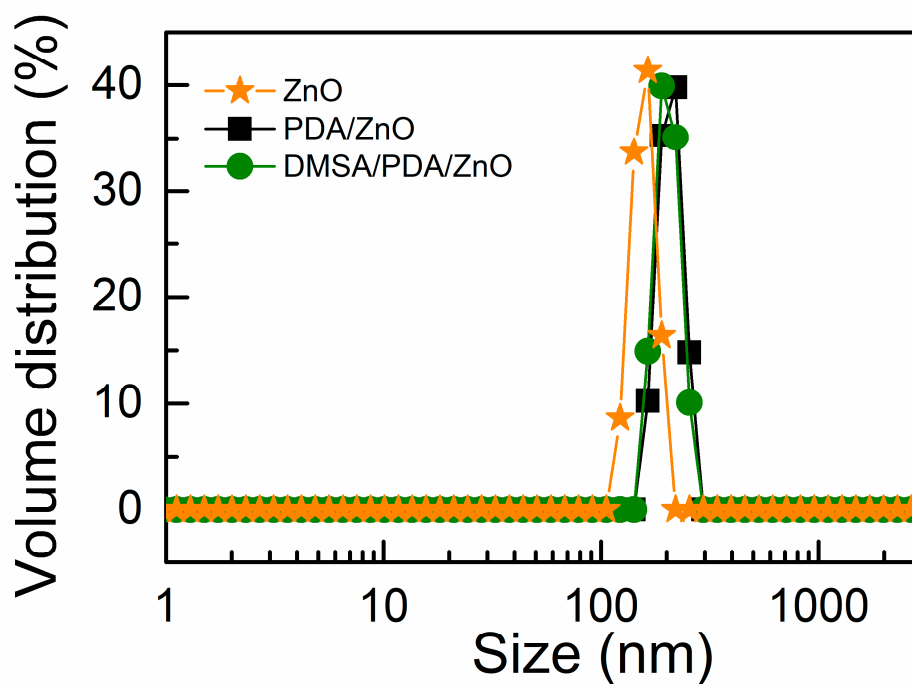


Figure S2. DLS volume plot of ZnO, PDA/ZnO, and DMSA/PDA/ZnO (0.1 g/L)

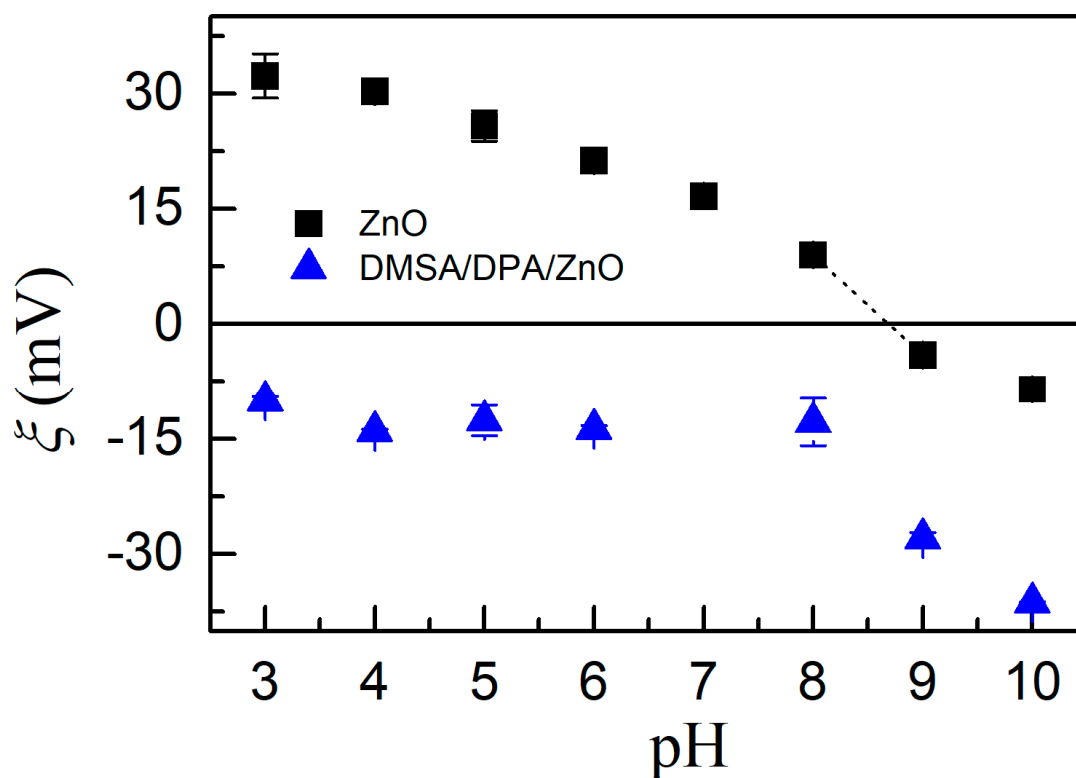


Figure S3. Surface zeta potential (ζ) of ZnO and DMSA/PDA/ZnO (0.1 g/L)