

Supplementary Information

Photodegradation of Methylene Blue and Rhodamine B Using Laser-Synthesized ZnO Nanoparticles

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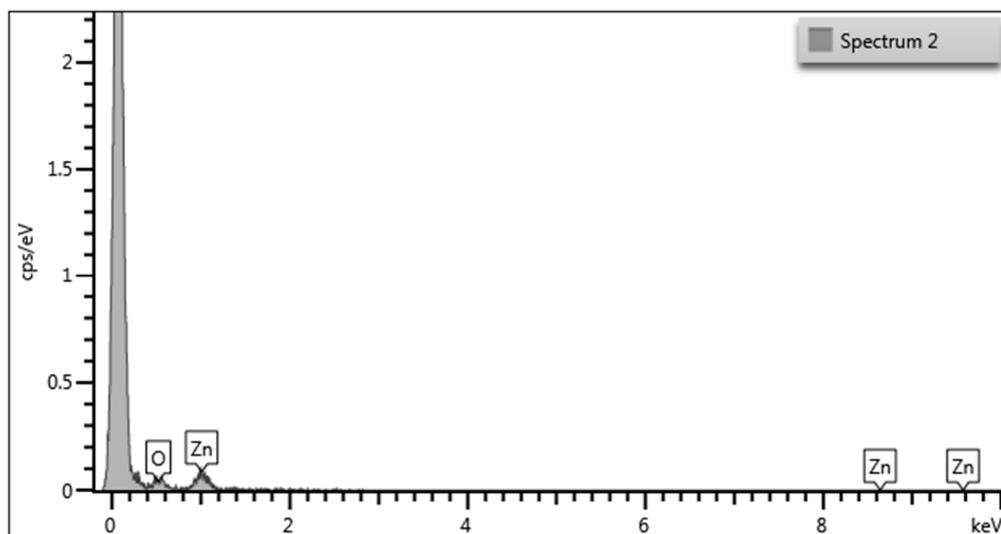
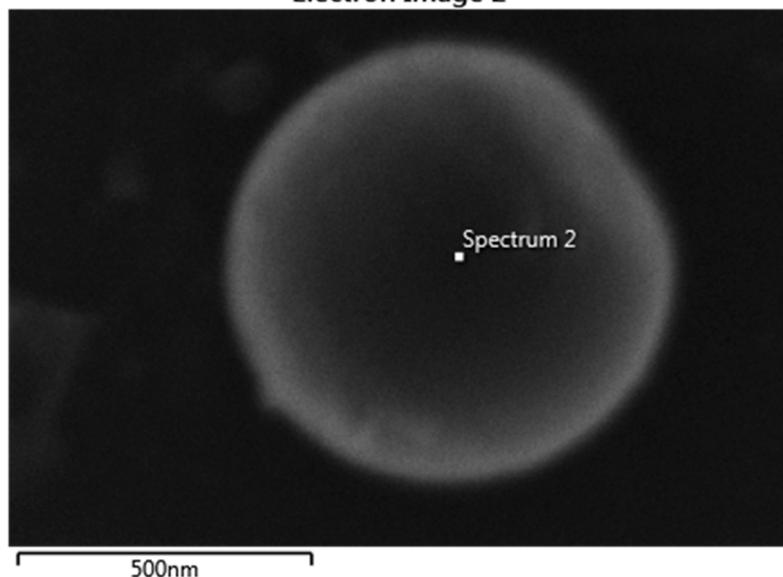
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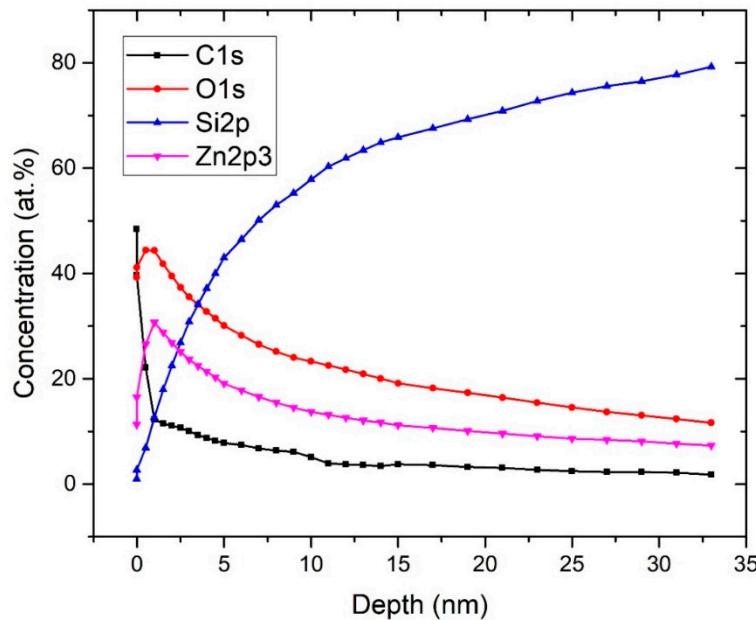
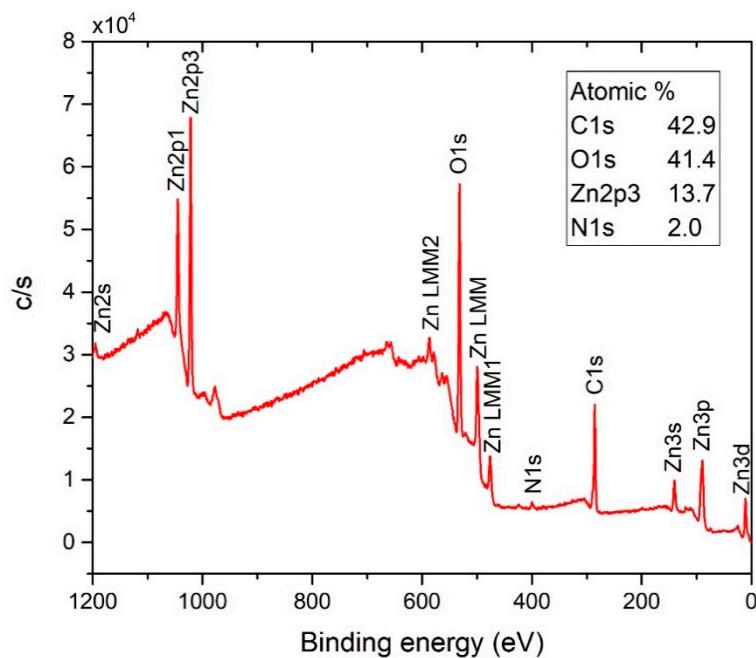
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Electron Image 2



Element	Atomic %
O	47.89
Zn	52.11
Total	100.00

Figure S1. EDS measurements of ZnONP.**Figure S2.** XPS depth profile of the layer of ZnO on Si substrate.**Figure S3.** XPS survey spectrum of ZnO.

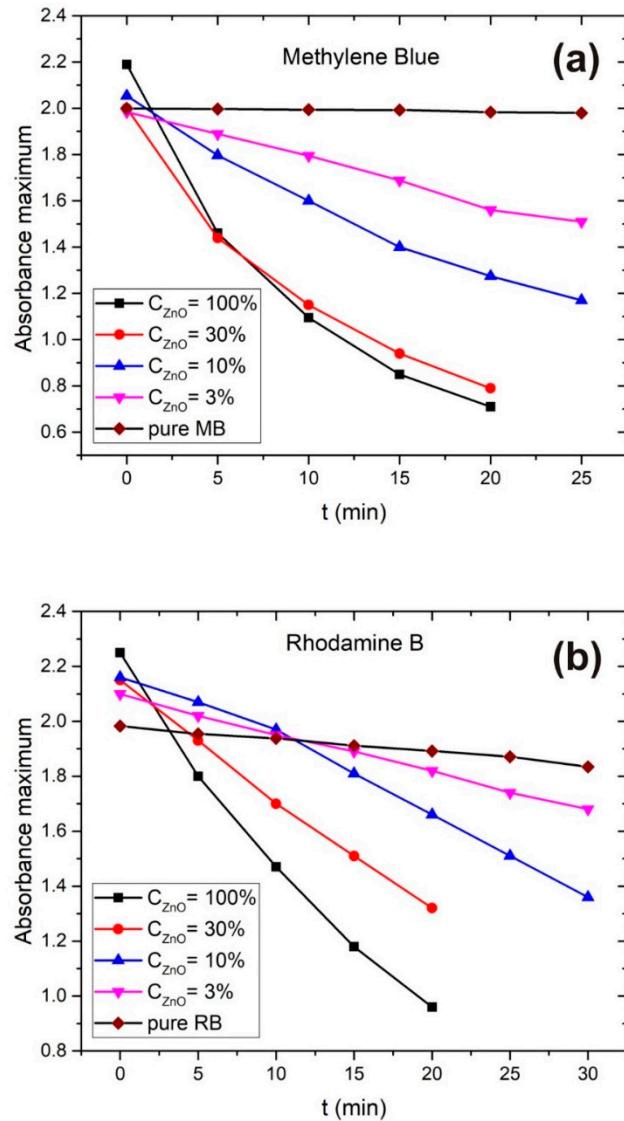


Figure S4. Photoabsorbance peak dependence on irradiation time for different ZnO mass concentrations of (a) Methylene Blue and (b) Rhodamine B.

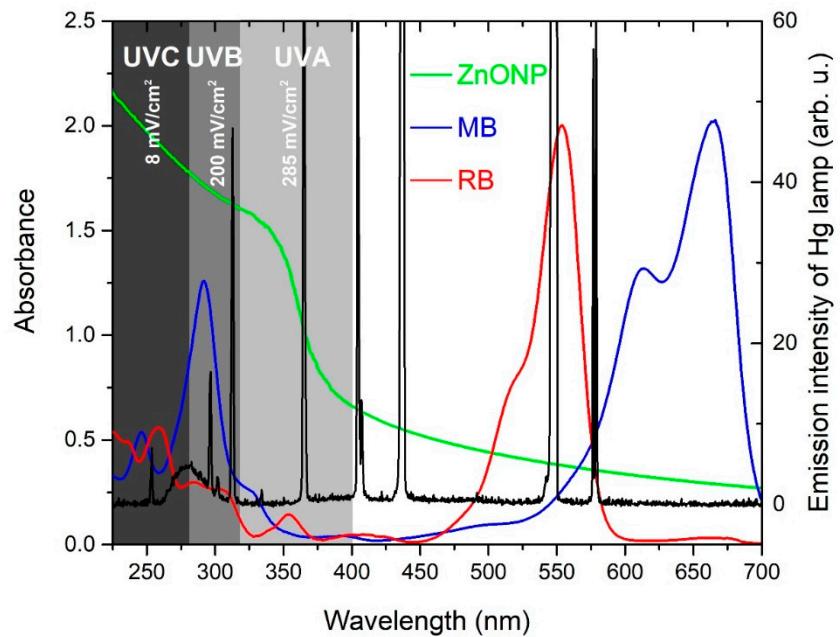


Figure S5. Absorbance spectra of pure ZnONP colloid, MB and RB in comparison with Hg lamp emission spectrum.



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