

Antibacterial and photocatalytic activity of ZnO/Au and ZnO/Ag nanocomposites

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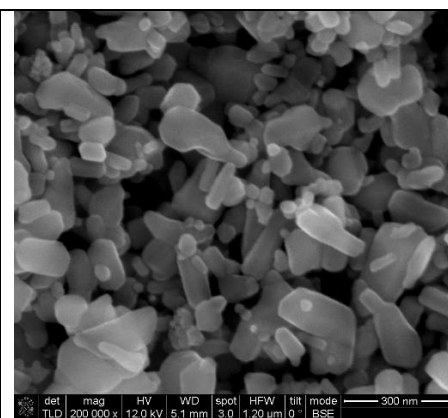
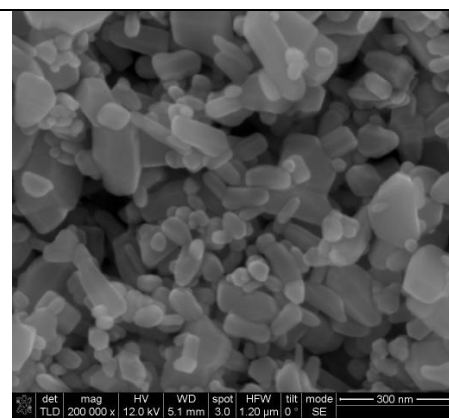
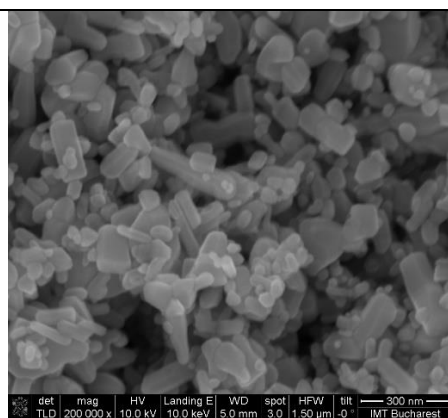
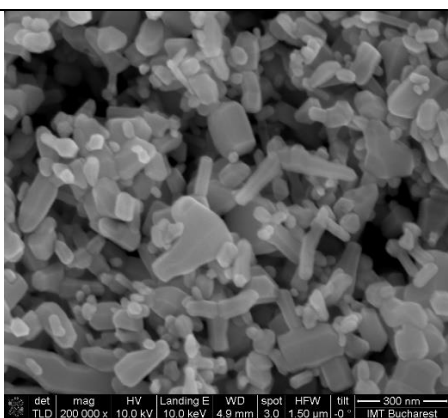
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ZnO comercial(<100nm)	ZP1(ZnO-citrate)	ZP2(ZnO-citrate+AuNP)	ZP3(ZnO-citrate+AgNP)
Lenght elongated NPs: Mean = 131.6 +/-42.4 nm, N =150 Min – Max = 56 – 286 nm 84 – 150 nm	Lenght elongated NPs: Mean = 199.5 +/-87.2 nm, N =150 Min – Max = 88 – 835 nm 121 – 231 nm	Lenght elongated NPs: Mean = 190.3 +/-64.1 nm, N =150 Min – Max = 91 – 599 nm 123 – 255 nm	Lenght elongated NPs: Mean = 190.3 +/-68.1 nm, N =150 Min – Max = 102 – 491 nm 123 – 226 nm
Round NPs: Mean = 43.1+/-15.2 nm, N =250 Min – Max = 19 – 118 nm 27 – 58 nm	Round NPs s: Mean = 41.0+/-11.5 nm, N =250 Min – Max = 19 – 90 nm 28 – 47 nm	Round NPs: Mean = 48.8+/-17.6 nm, N =250 Min – Max = 19 – 127 nm 29 – 59 nm	Round NPs: Mean = 40.4+/-13.7 nm, N =250 Min – Max = 15 – 122 nm 29 – 59 nm

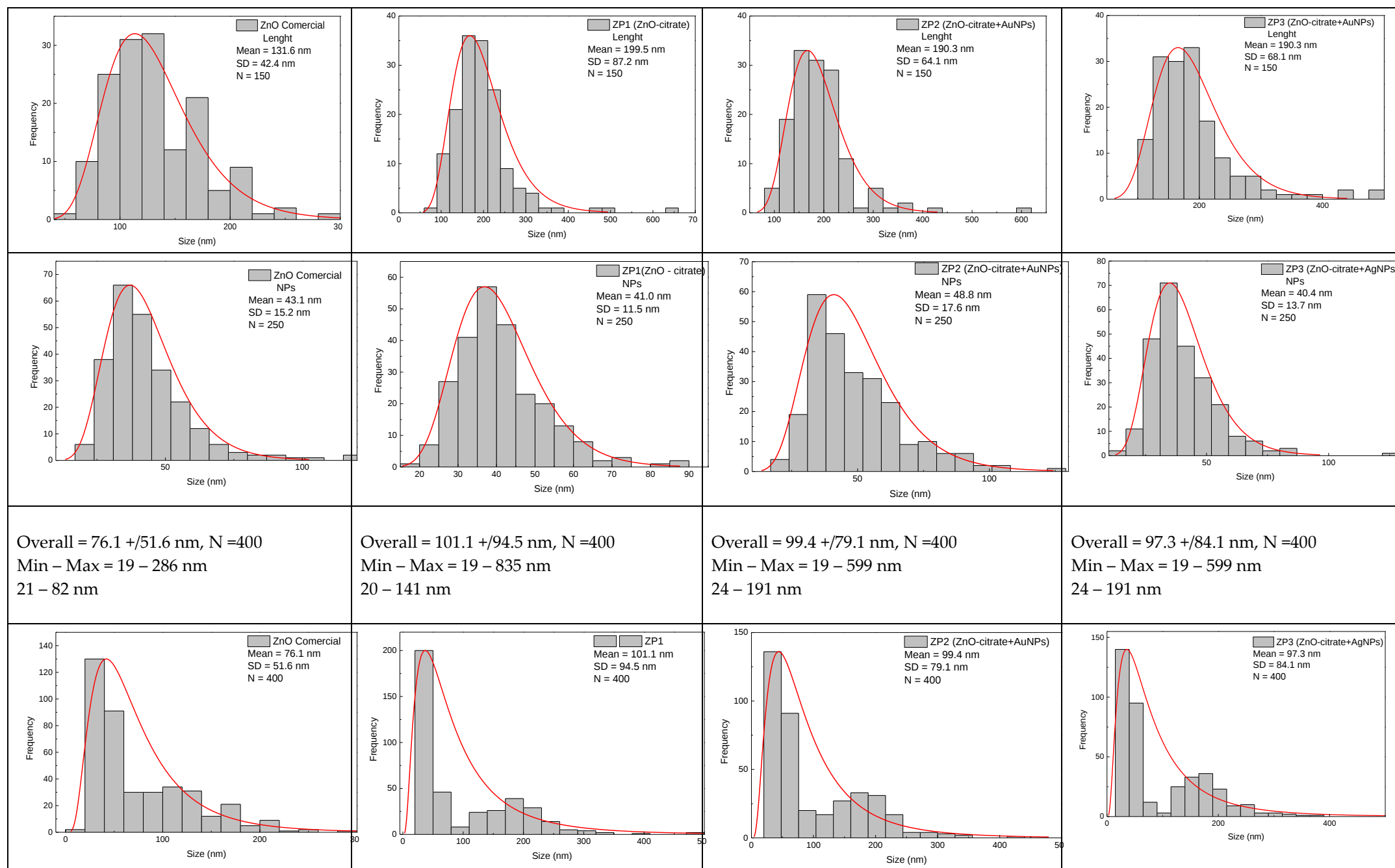


Figure S1 Statistical analysis of nanoparticles dimensions using ImageJ