Supporting Information

A facile synthesis of alloyed Mn-doped ZnSeS nanoparticles using a modified selenium/sulfur precursor in a one-pot approach

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S1: PL spectra of ZnSeS:Mn nanoparticles during the cooling down process after the synthesis.

S2: Pictures of ZnSeS:Mn under UV irradiation (left) and ZnSeS:Mn nanoparticles without irradiation (right).

S3: EDX spectrum of alloyed ZnSeS:Mn nanoparticles
S4: fitted XPS spectrum of S2 p.