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Article

$ZnWO_4$ Nanoparticle Scintillators for High-Resolution X-ray Imaging

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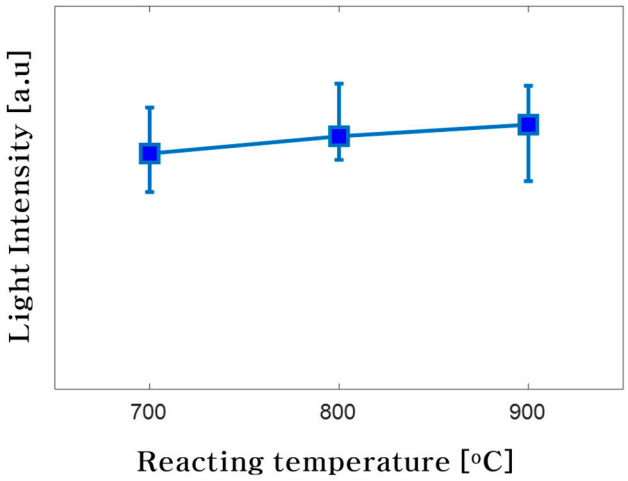


Figure 1. The emission intensities of $ZnWO_4$ scintillator screens with average particles sizes of (a) 176.4 nm (700°C), (b) 626.7 nm (800°C), and (c) 2.127 μm (900°C).

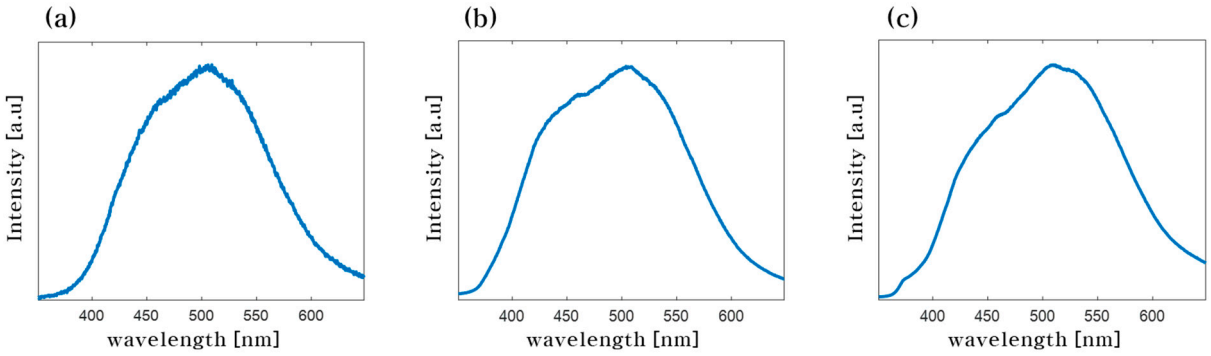


Figure 2. PL spectra of $ZnWO_4$ particles with average particles sizes of (a) 176.4 nm, (b) 626.7 nm, and (c) 2.127 μm.