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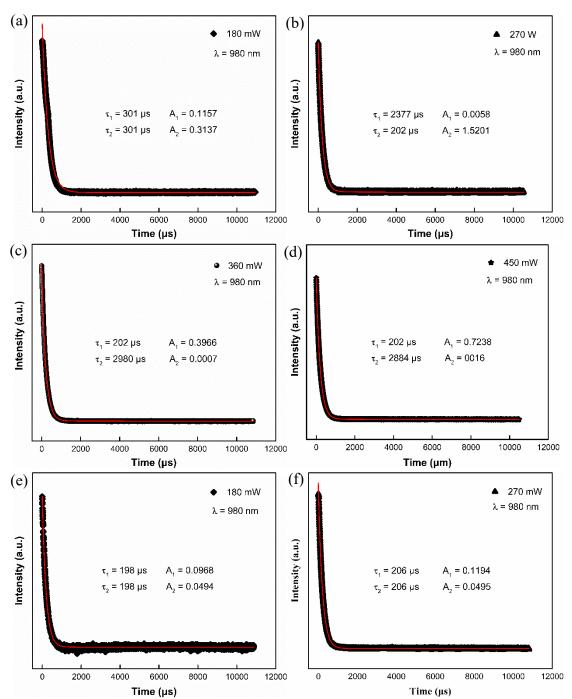
Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supporting Information

Self-Assembled Three-Dimensional Architectures of VO₂:Yb³⁺,Er³⁺

Controlled Synthesis and Dual-power Dependent Luminescence

Properties



Wei Zheng , Rui Wang *, Yuemei Li , Yanling Xu , and Baoyu Su

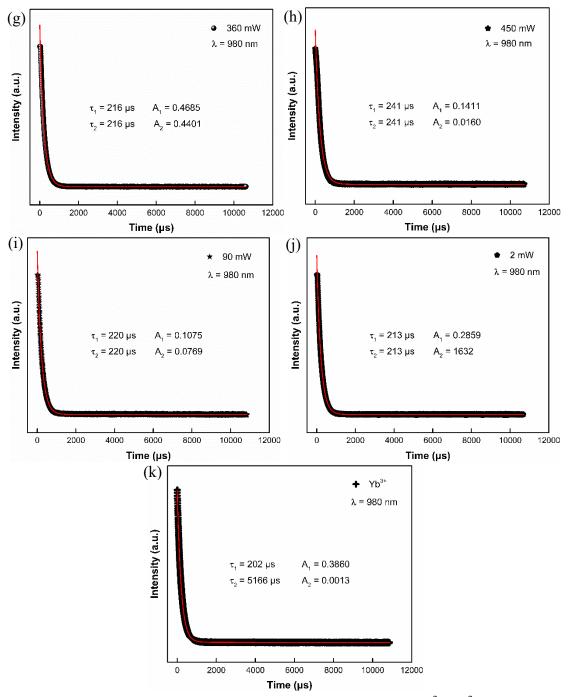


Fig. 1 (a-d) Luminescence decay curves of 980 nm in VO₂: Er^{3+} , Yb³⁺ nanocrystals under pump power180, 270, 360, and 450 mW, respectively. (e-j) Luminescence decay curves of 980 nm in VO₂: Er^{3+} , Yb³⁺ nanocrystals under 180, 270, 360, 450, 90, and 2 mW via higher power-sentisized treatment; (k) Luminescence decay curves of 980 nm in VO₂: Yb³⁺ nanocrystals.