

Supporting Information

Synthesis of Boron and Phosphorus Codoped All-Inorganic Colloidal Silicon Nanocrystals from Hydrogen Silsesquioxane

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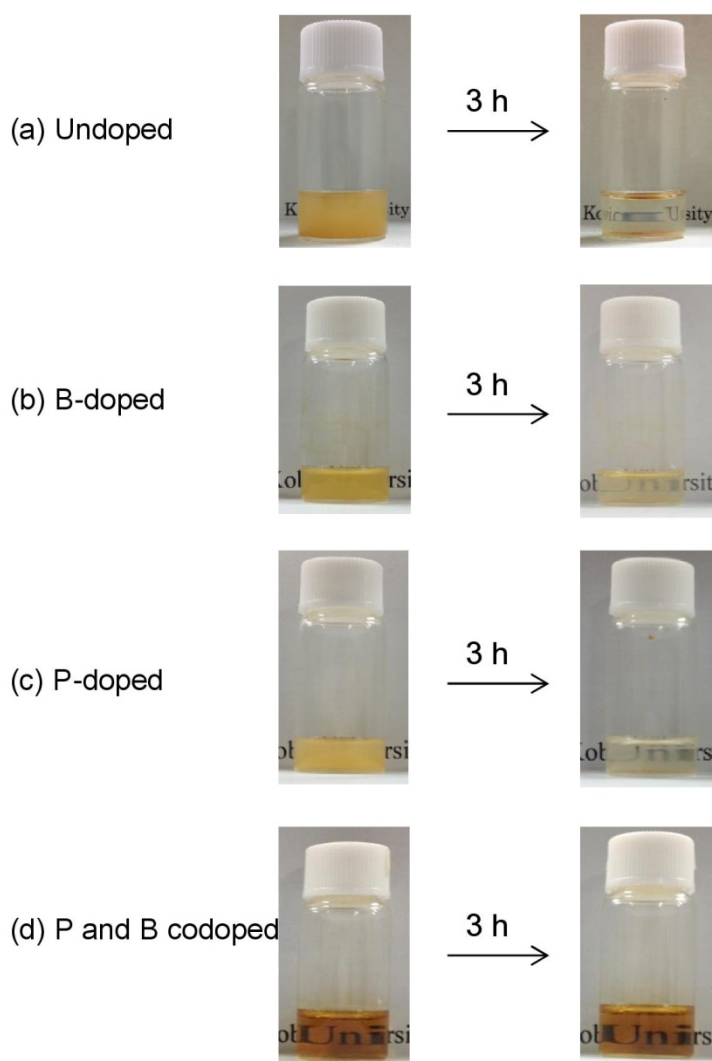


Figure S1. Photographs of methanol containing (a) undoped, (b) B- or (c) P-singly doped and (d) codoped Si NCs. Left: Just after shaking vigorously, Right: 3 hours after preparation.

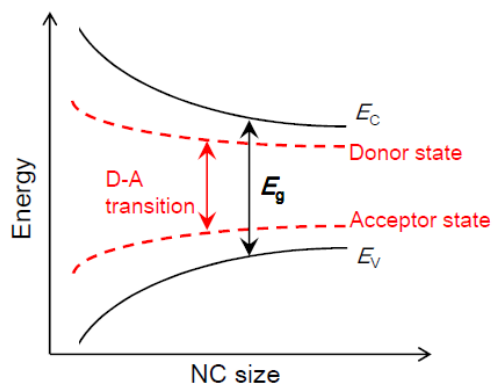


Figure S2. Energy level diagram of donor and acceptor codoped Si NCs as a function of their size.

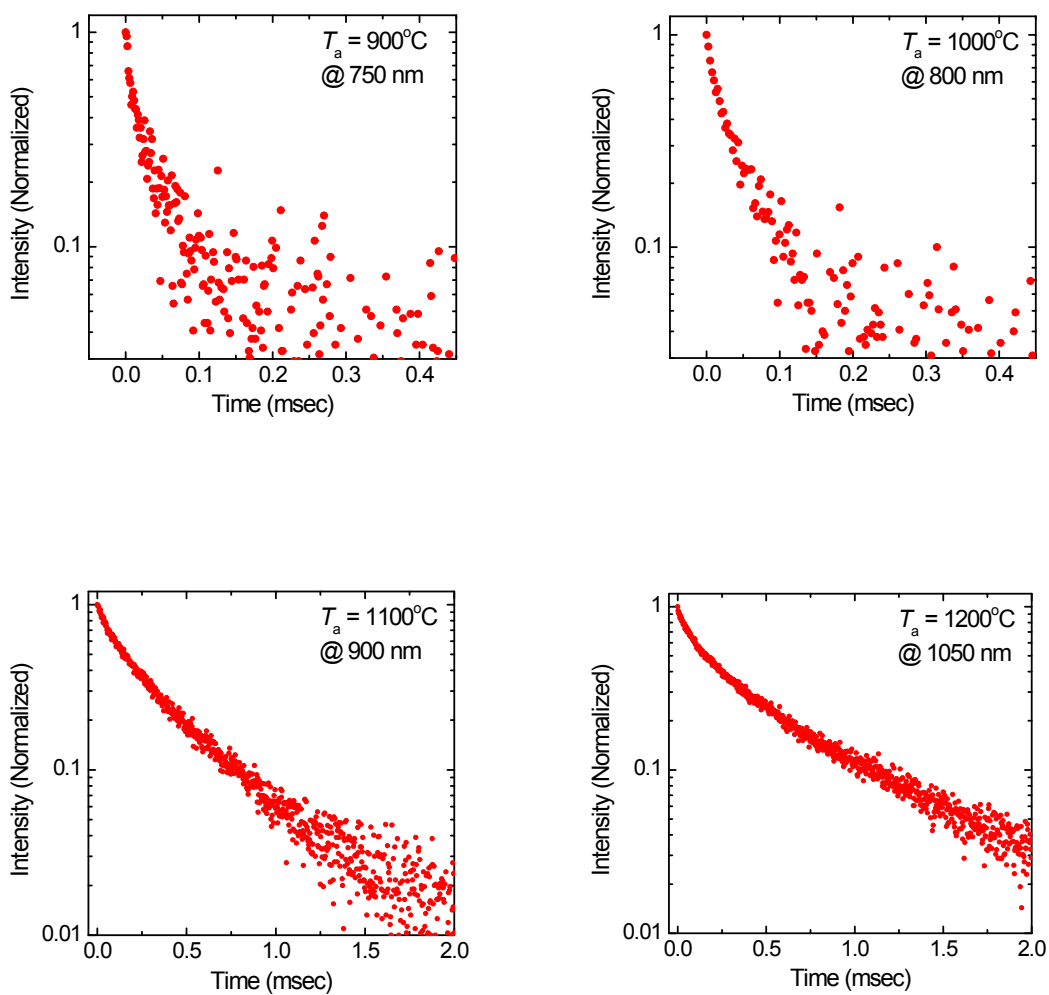


Figure S3. Photoluminescence decay curves of codoped Si NCs grown at 900 to 1200°C.