

# Electronic Supplementary Material

## Simplistic hydrothermal synthesis approach for fabricating photoluminescent carbon dots and its potential application as an efficient sensor probe for toxic lead(II) ion detection

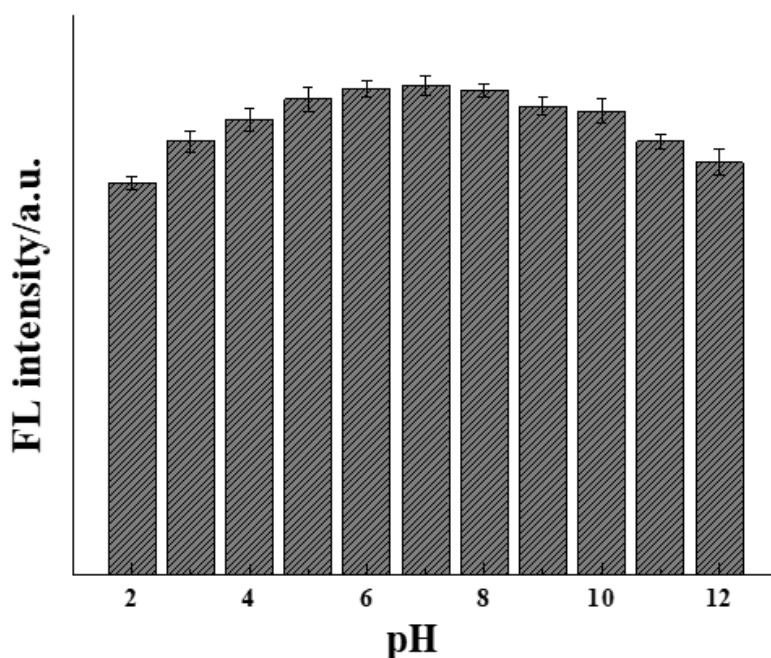
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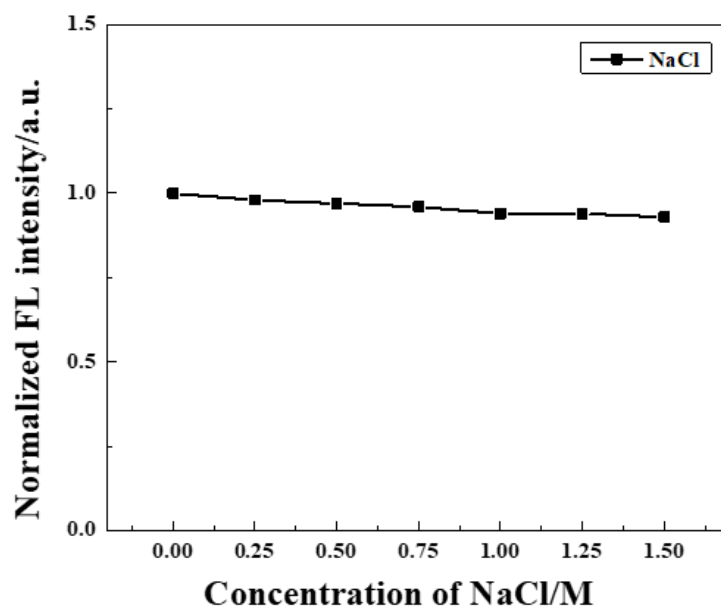
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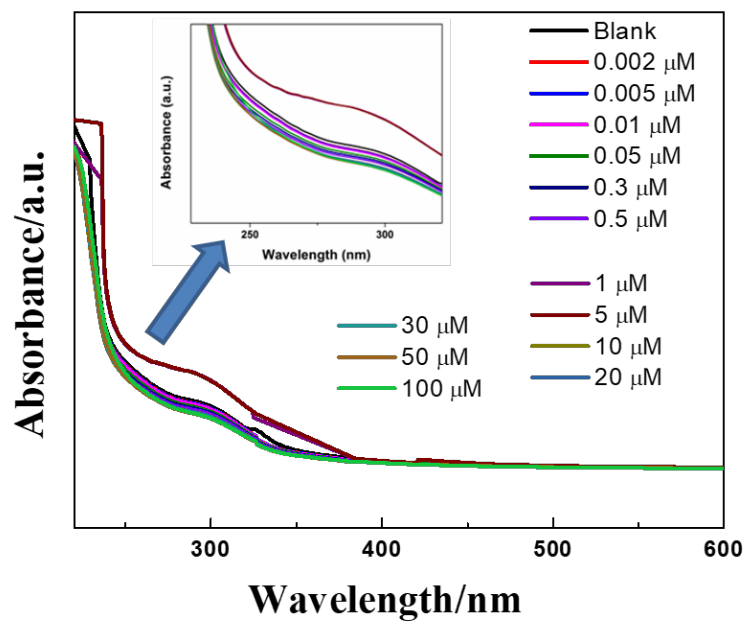
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**Figures S1** effect of the different pH values on the FL intensity of fabricated CDs



**Figures S2** Salt effect of NaCl with different concentration on the FL intensity of CDs



**Figures S3** UV-vis absorption spectra of CDs in presence of  $Pb^{2+}$  with different concentration