

## Supporting Information

### Synthesis, Characterization and Optical Property of Flowerlike Indium Tin Sulfide Nanostructure

Yongqian Lei,<sup>a, b</sup> Yan Xing,<sup>a, b</sup> Weiqiang Fan,<sup>a, b</sup> Shuyan Song,<sup>a, b</sup> Hongjie Zhang,\*<sup>a</sup>

<sup>a</sup>*State Key Laboratory of Rare Earth Resource Utilizations, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, 130022, Jilin, China.*

*E-mail:* [hongjie@ciac.jl.cn](mailto:hongjie@ciac.jl.cn); *Fax:* +86-431-85698041; *Tel:* +86-431-85262127

<sup>b</sup>*Graduate School of the Chinese Academy of Sciences, Beijing, 100039, P. R. China*

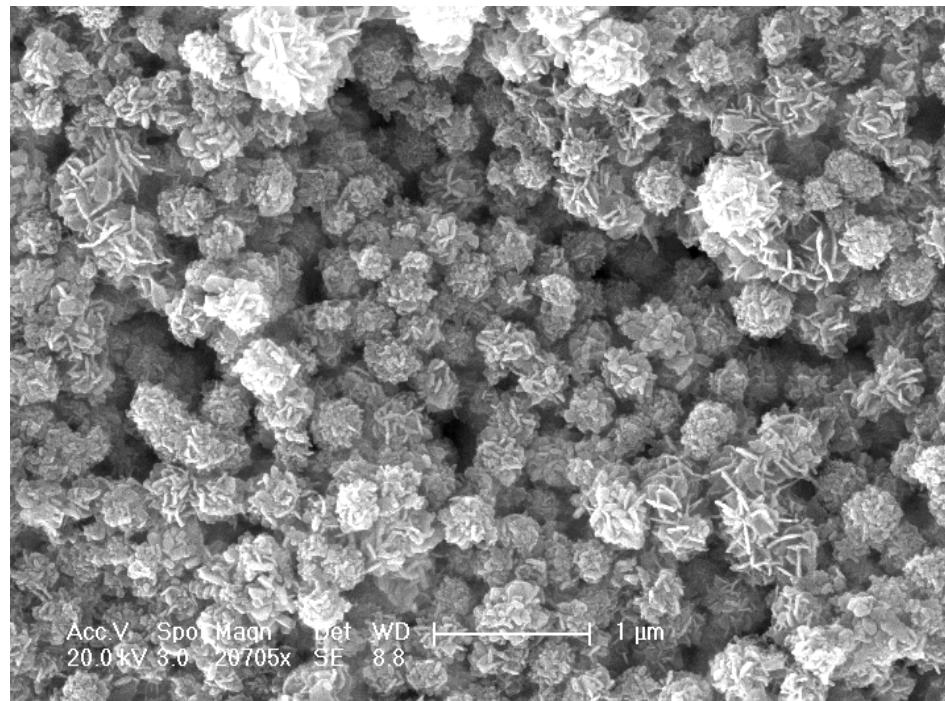


Figure S1 overall image of the flowerlike sample

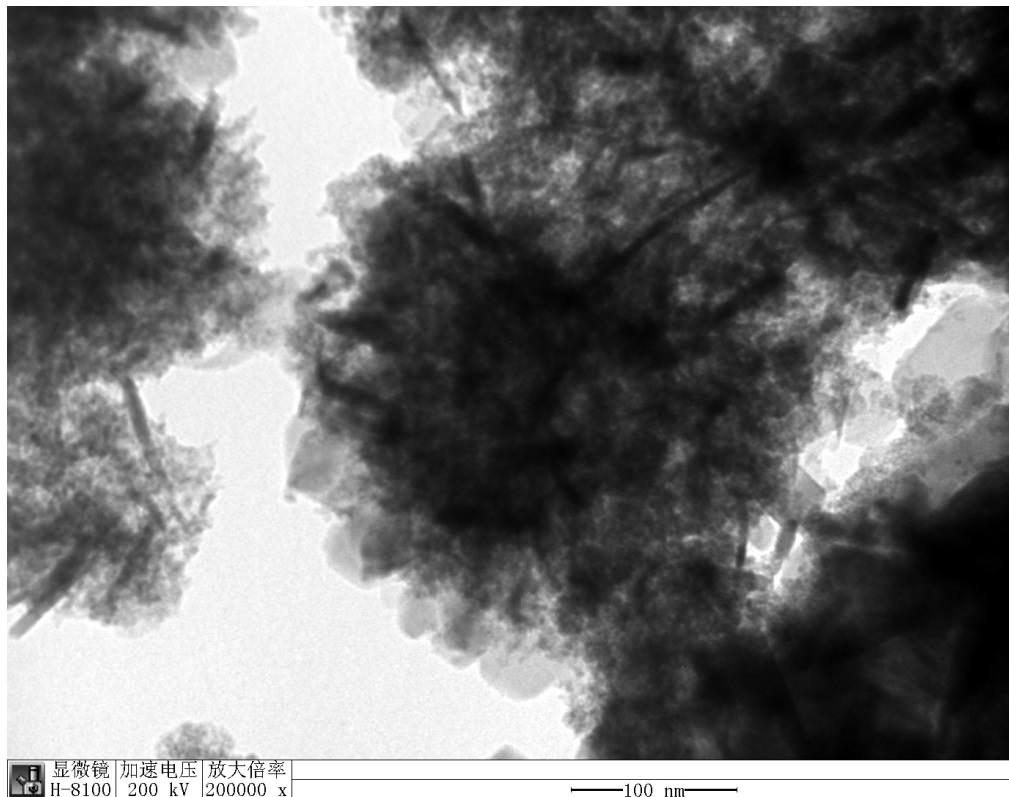


Figure S2 TEM image of the individual flowerlike nanostructure.

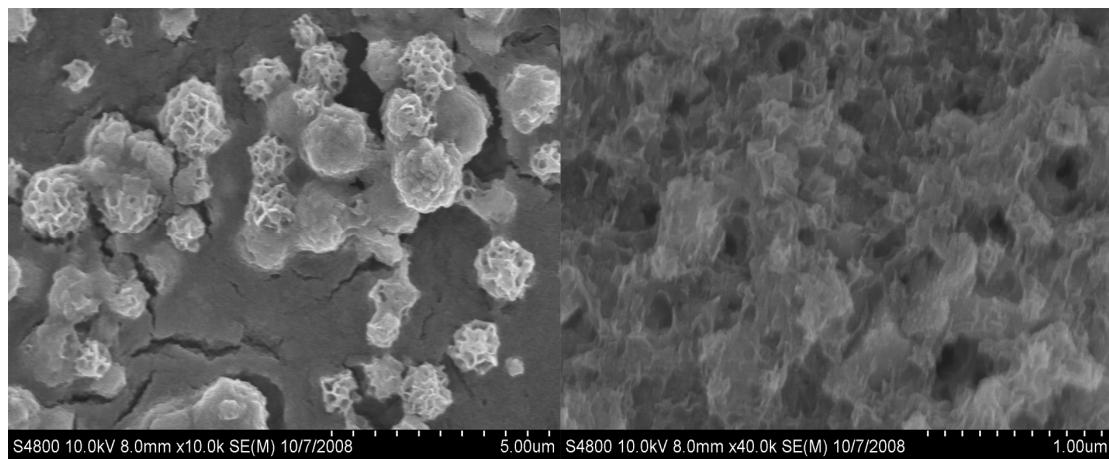


Figure S3 the prepared samples at different solution pH value: left pH=3.4; right pH=7.8

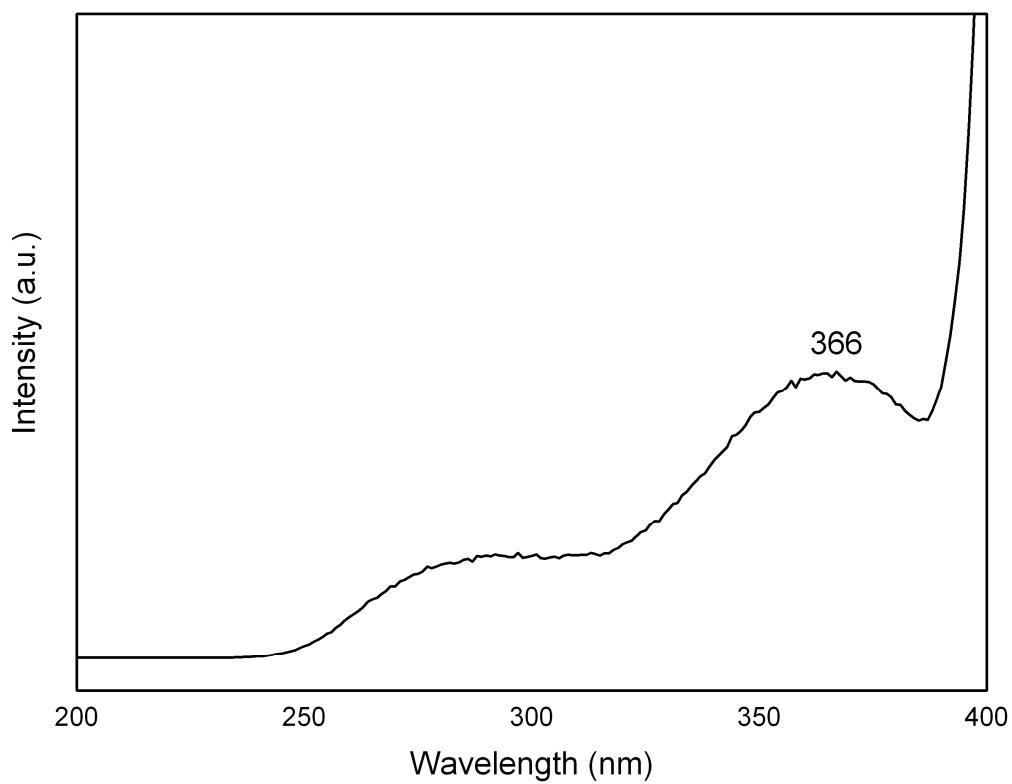


Figure S4 excitation spectrum of the sample