

Silanization effect on the PL characteristics of crystalline and amorphous silicon nanoparticles.

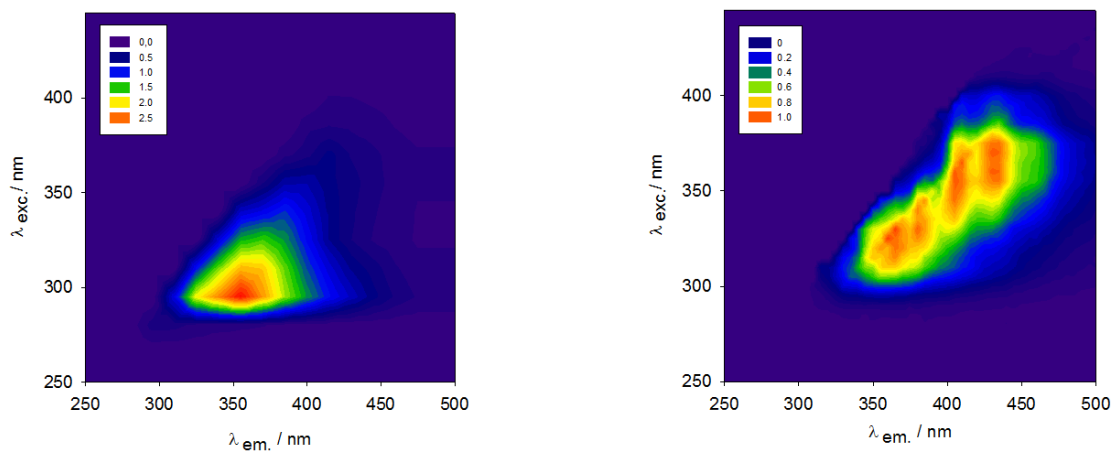
Supplementary data.

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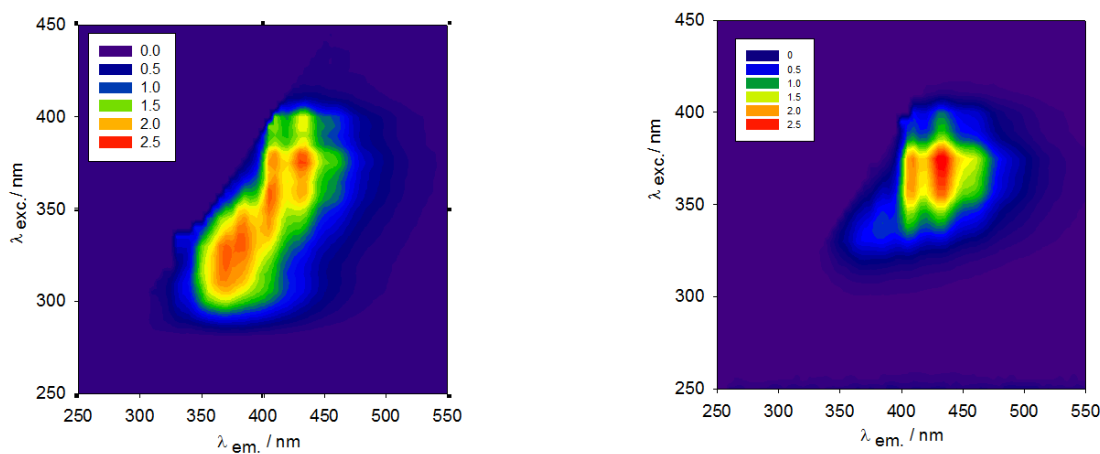
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Supplementary data. Figure 1. Excitation-emission matrix of toluene suspensions of PSi-NP (left graph) and PSi-NP-SH (right graph).



Supplementary data. Figure 2. Excitation-emission matrix of toluene suspensions of Si-NP (left graph) and Si-NP-SH (right graph).



Supplementary data. Figure 3. Time-resolved anisotropy experiments of toluene suspensions of PSi-NP (left figure) and PSi-NP-SH (right figure) obtained at 341 nm excitation and 380 nm emission detection. Grey lines correspond to the time profile $r(t) = r_0 \times \exp(-t/\theta)$. The fitting parameters of each curve are depicted in the respective insets.

