

Supporting information

Arginine-induced self-assembly of protoporphyrin to obtain effective photocatalysts in aqueous media under visible light

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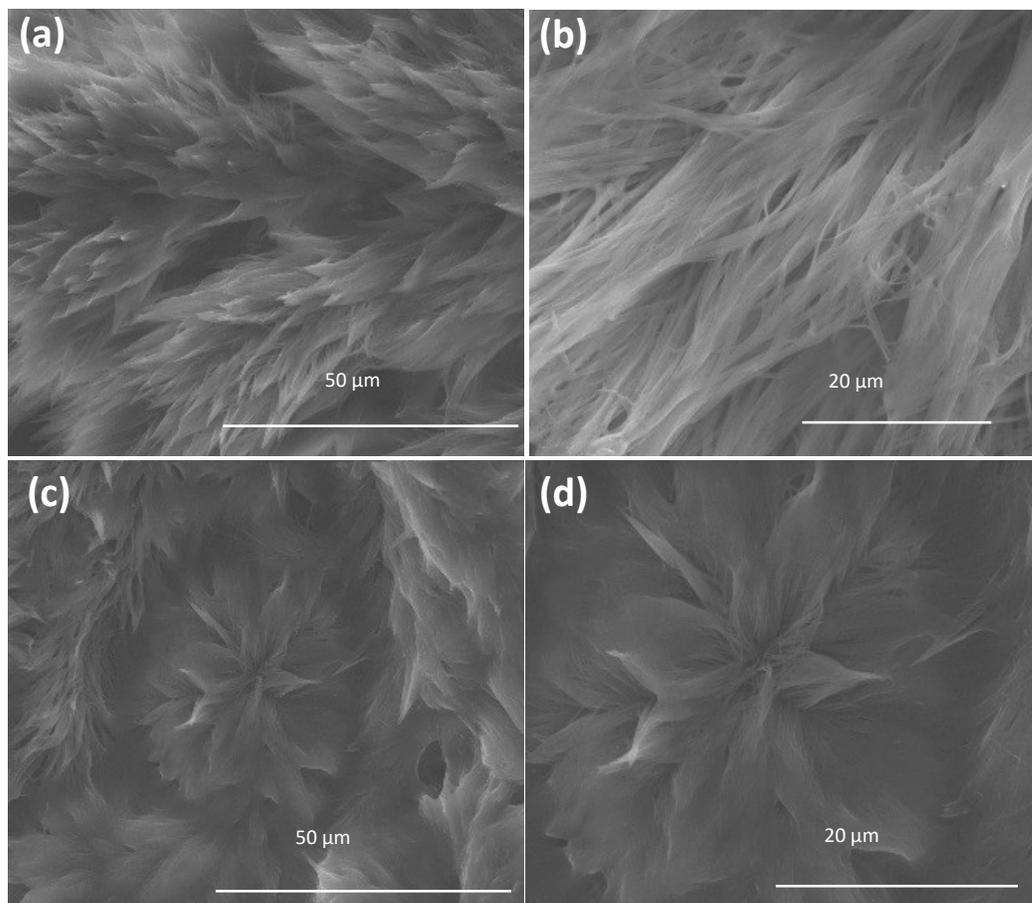


Figure S1. SEM images of PPIX self-assembled with (a) 1 equiv. D-arginine, (b) 2 equiv. D-arginine, (c) and (d) 4 equiv. D-arginine.

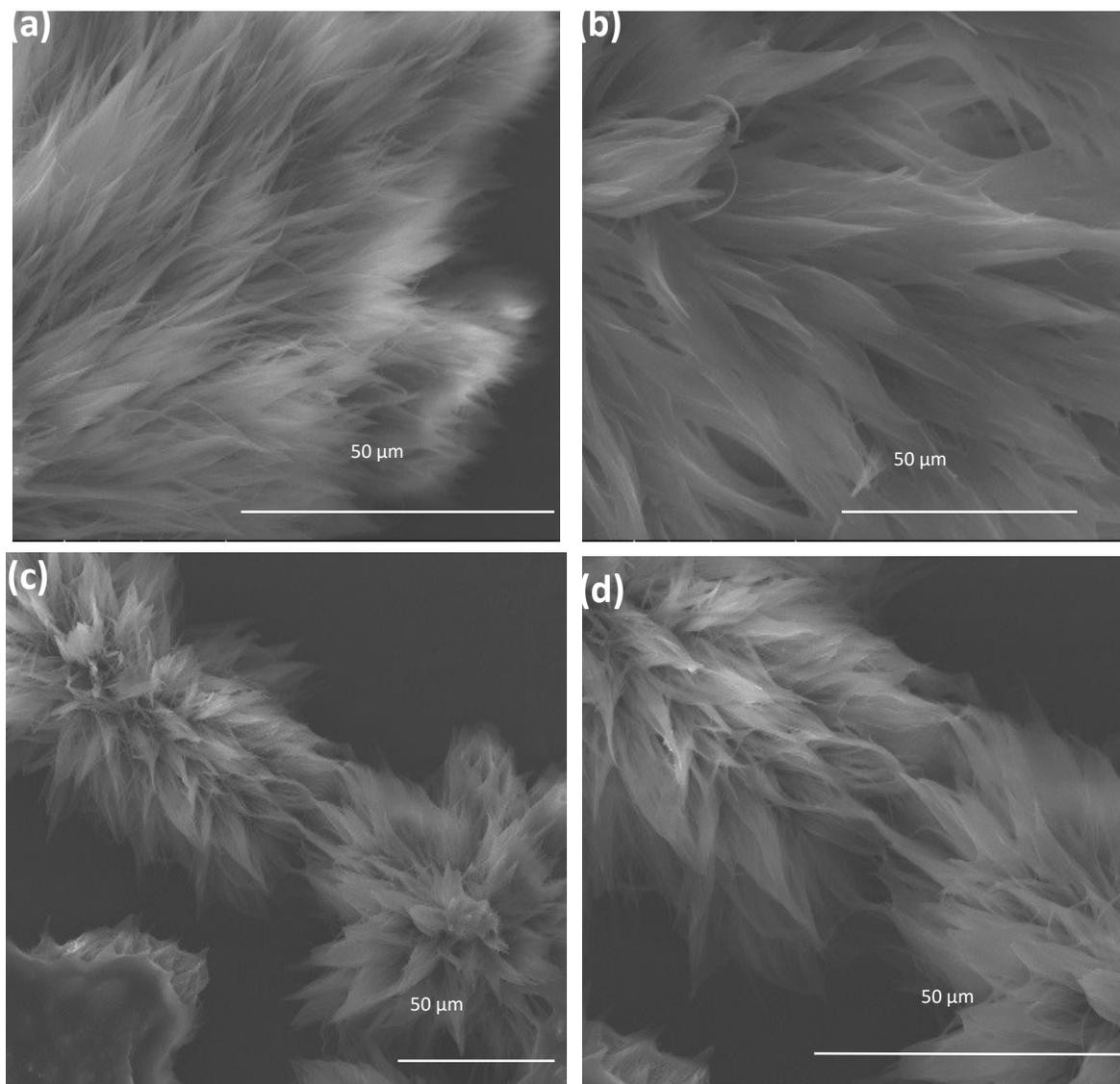


Figure S2. SEM images of PPIX self-assembled with (a) 1 equiv. L-arginine, (b) 2 equiv. L-arginine, (c) and (d) 4 equiv. L-arginine.

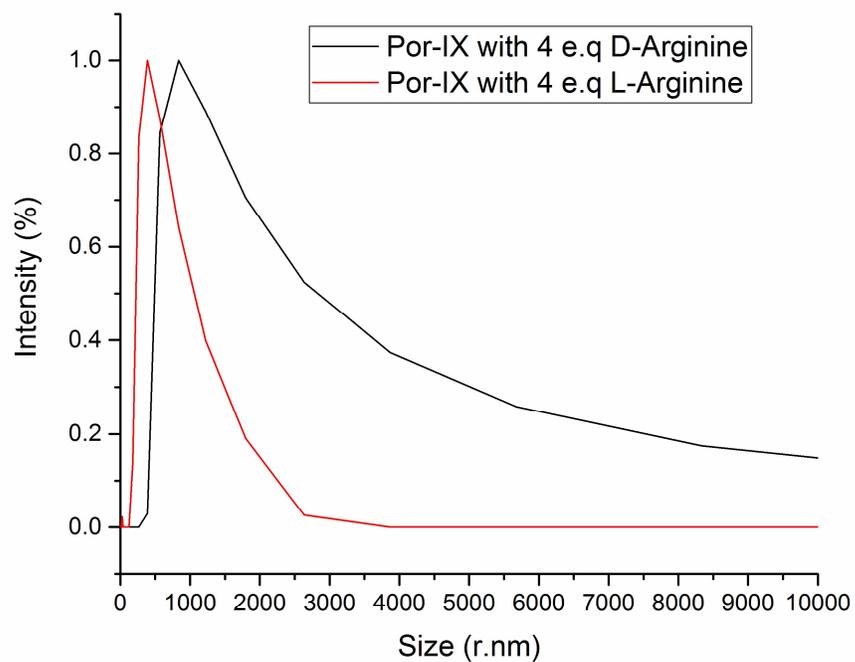


Figure S3. DLS of PPIX/D-arginine and PPIX/L-arginine in 1:4 molar ratio.

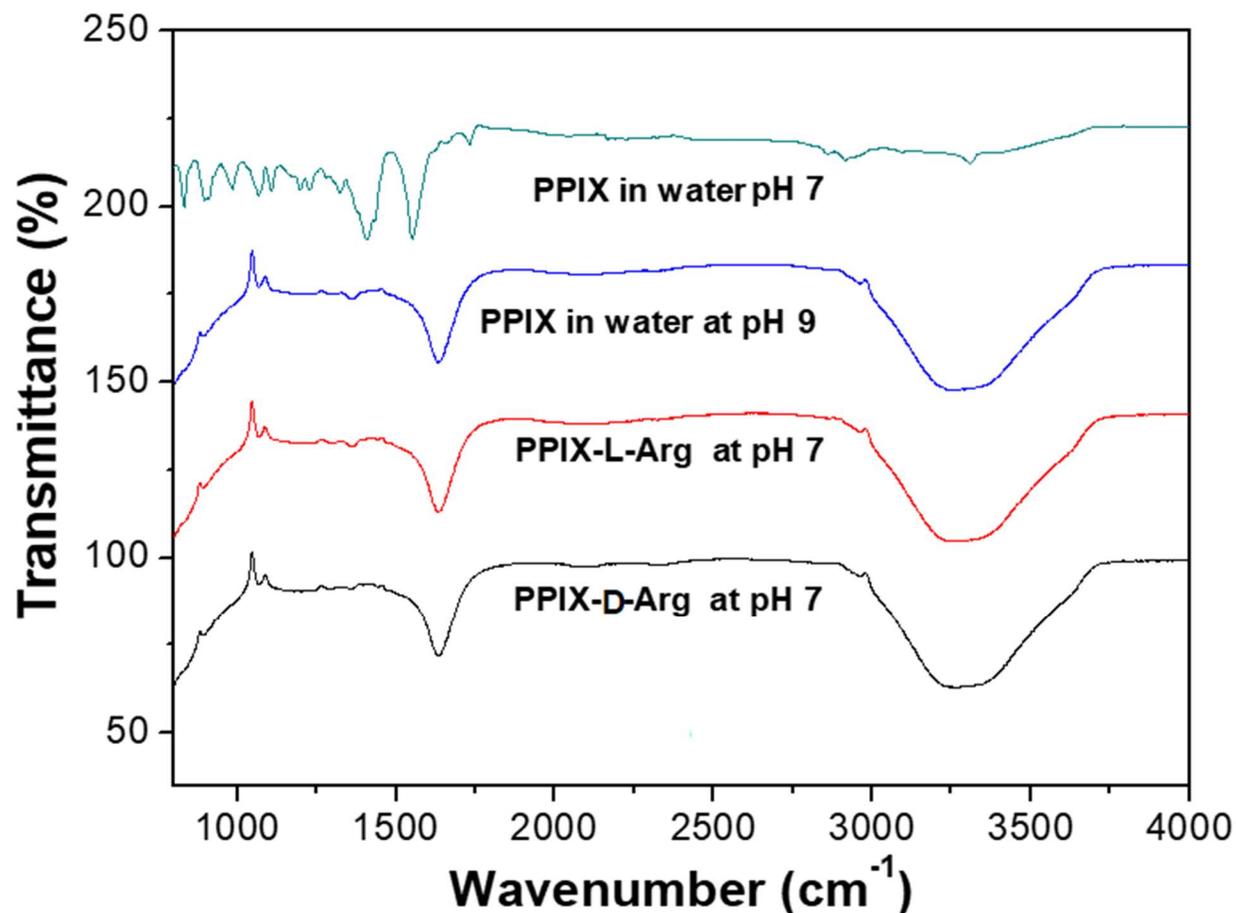


Figure S4. FTIR spectra of PPIX in water at pH 7.0 and 9.0 and self-assembled PPIX with L/D-arginine at 9.0, shows similar behavior.

Reference

- S1. La, D.D., Bhosale, S.V., Jones, L.A., Bhosale, S.V. Arginine-induced porphyrin-based self-assembled nanostructures for photocatalytic applications under simulated sunlight irradiation. *Photochem. Photobio. Sci.* **2017**, *16*, 151-154.