A pathway of nanocrystallite fabrication by photo-assisted growth in pure water

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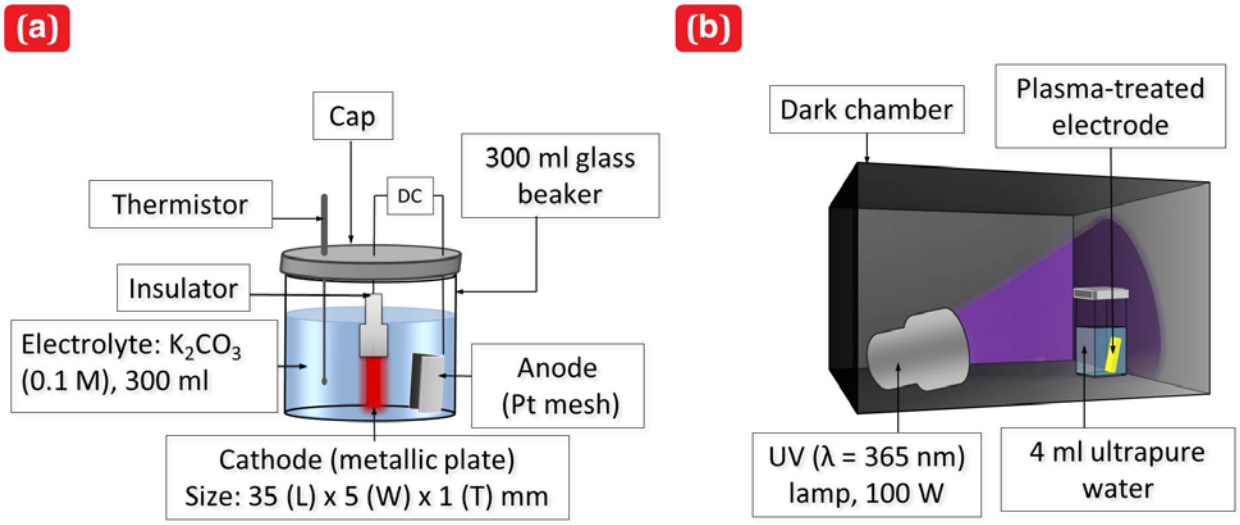
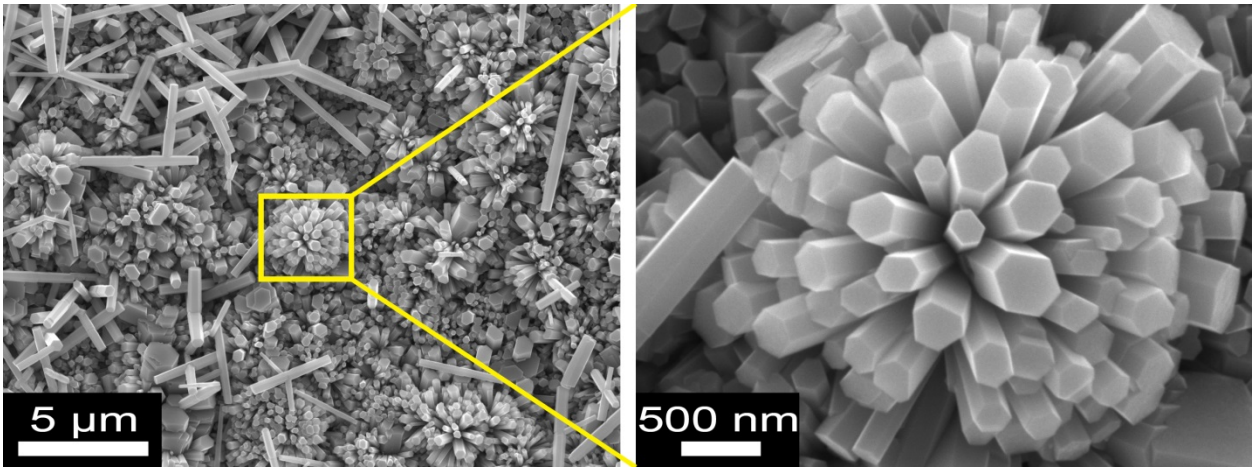
Supplementary Figure S1.



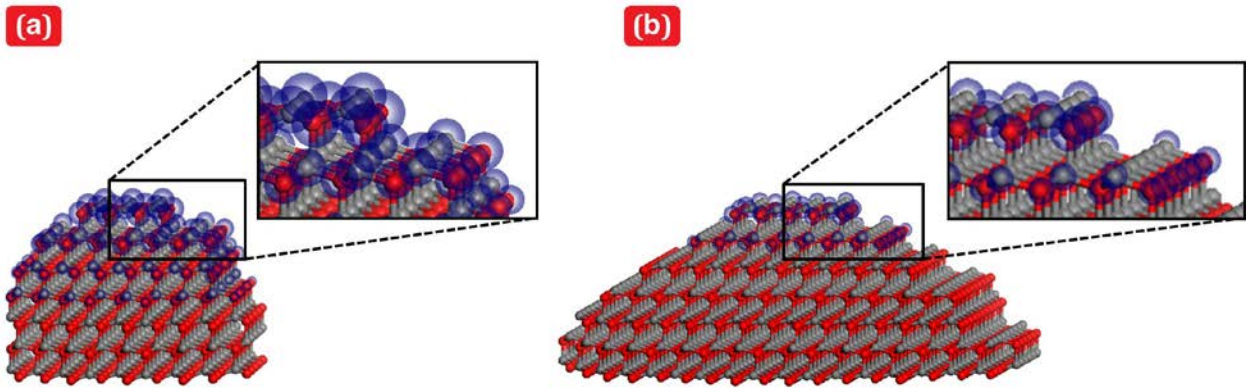
SPSC experimental setups. (**a**) Submerged liquid plasma experimental setup. (**b**) Submerged UV irradiation experimental setup.

Supplementary Figure. S2.



Terminated apical growth of ZnO nanoflowers. A continuous 72 h of UV irradiation in ultrapure water resulted in flat, hexagonal tips of the nanostructures. The right panel is the magnified FE-SEM image.

Supplementary Figure S3.



Curvature radius dependence of the 1.7 electron/Å^3 electron density isosurfaces for nanobumped ZnO. (**a-b**) R = 1.0 and 2.0 nm, respectively. The isosurfaces are indicated by the purple coloured region. The larger radius of curvature resulted in decreased electron density at the apex.