

Supplementary Materials: Palladium/Carbon Nanofibers by Combining Atomic Layer Deposition and Electrospinning for Organic Pollutant Degradation

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Scherrer Equation

The Scherrer equation (Equation S1) can be written as:

$$\tau = \frac{K \lambda}{\beta \cos \theta} \quad (S1)$$

where:

τ is the nano-mean crystallite size;

K is a dimensionless shape factor, with a value close to unity (typical value of about 0.9)

λ is the X-ray wavelength;

β is the line broadening at half the maximum intensity (FWHM) in radian;

θ is the Bragg angle.

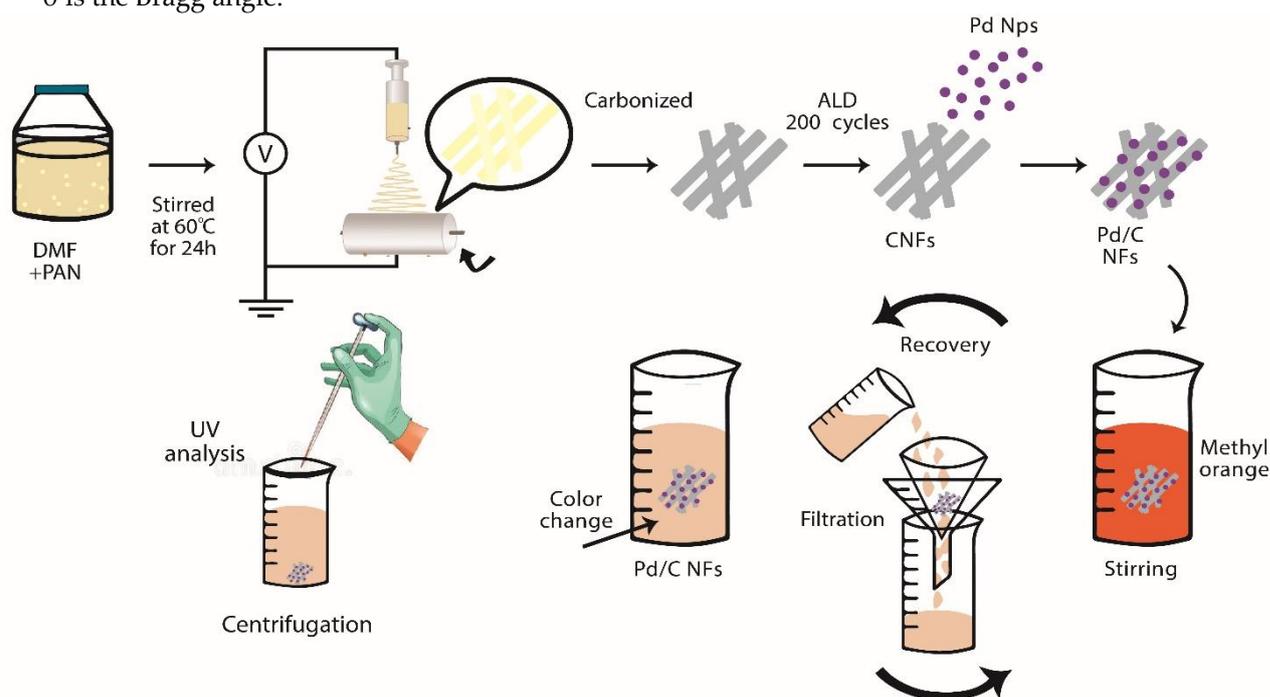


Figure S1. Summary of the whole original mechanism.

