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## **Supplementary Information**

## Supramolecular Gel Assisted Synthesis of Co<sub>2</sub>P Nanosheets as Efficient and Stable Catalyst for Oxygen Reduction Reaction

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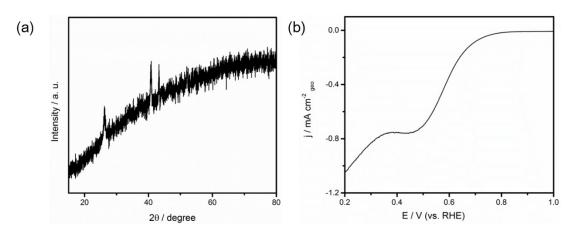


Figure S1 (a) XRD pattern of Co<sub>2</sub>P without carbon matrix. (b) LSV curve of Co<sub>2</sub>P.

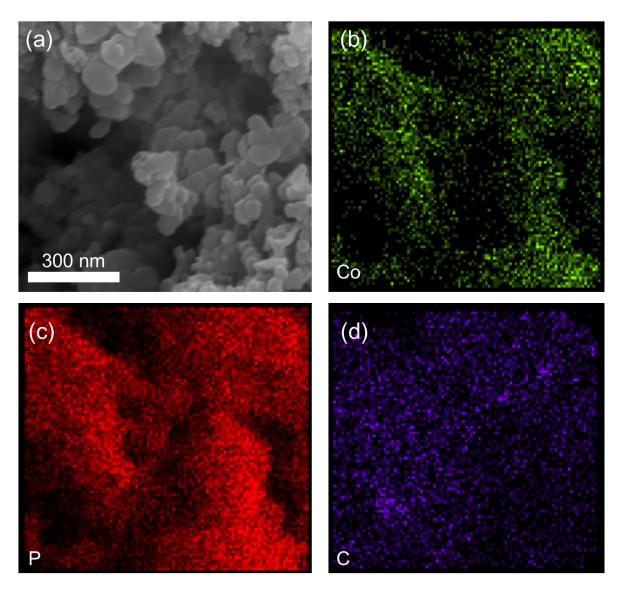


Figure S2 SEM image of Co2P/C (a) and corresponding Co (b), P (c) and C (d) elemental mappings.

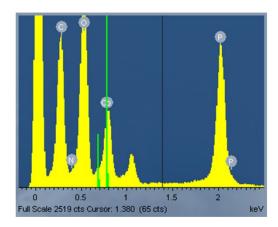


Figure S3 EDS result of Co<sub>2</sub>P/C.

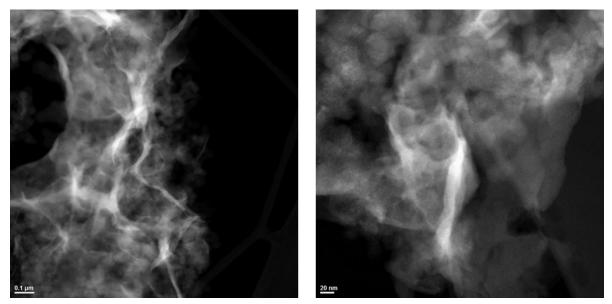
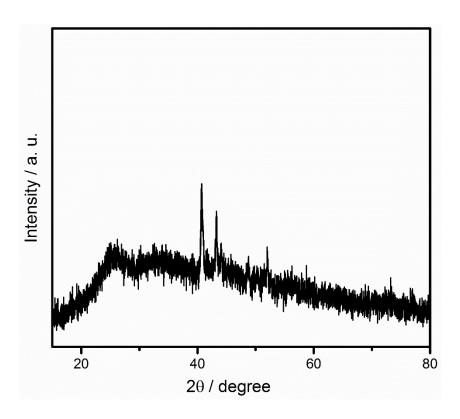


Figure S4 TEM images of Co<sub>2</sub>P/C after durability test.



**Figure S5** PXRD of Co<sub>2</sub>P/C after durability test.