Electronic Supplementary Information

Facile synthesis of PVP-assisted PtRu/RGO nanocomposites with high electrocatalytic performance for methanol oxidation

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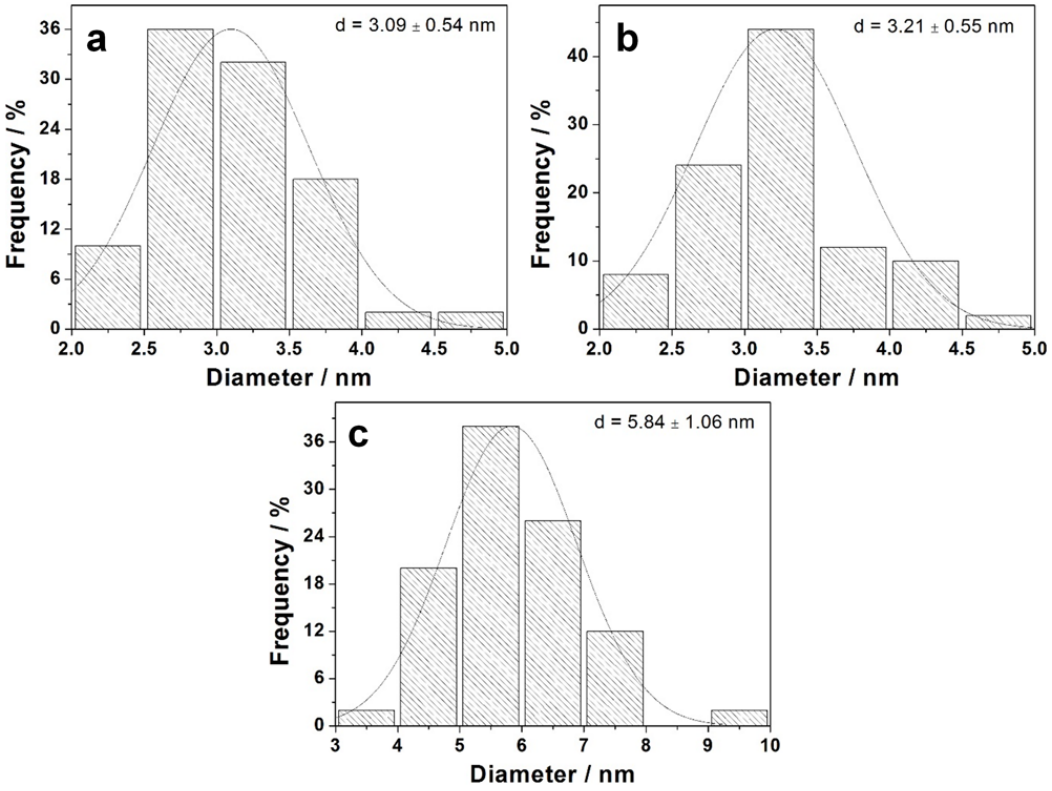

Fig. S1 The corresponding particle-size distribution histograms of PtRu/RGO/PVP (a), PtRu/PVP (b) and PtRu/RGO (c) nanostructures.

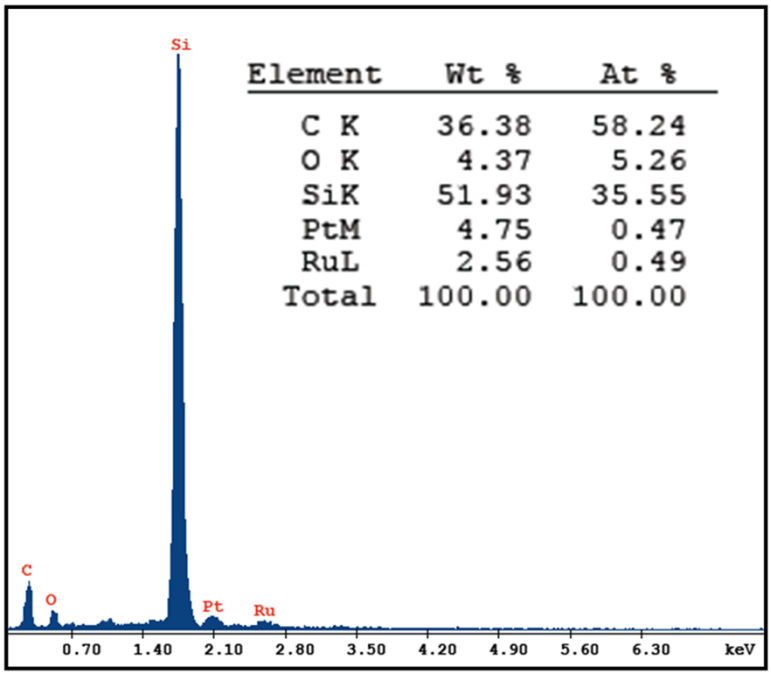

Fig. S2 EDX spectrum of the PtRu/RGO/PVP nanostructure. The quantitative elemental analysis result for the above sample is also listed.

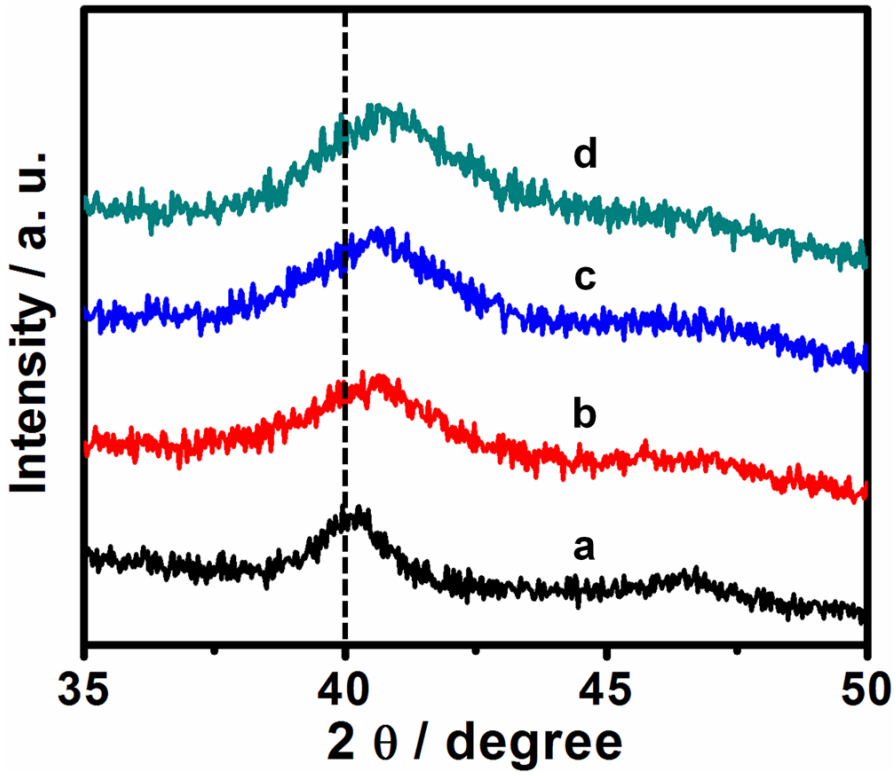

Fig. S3 The enlarge XRD patterns of Pt/RGO/PVP (a), PtRu (2:1)/RGO/PVP (b), PtRu (1:1)/RGO/PVP (c) and PtRu (1:2)/RGO/PVP (d) nanostructures.