

Supplementary Figure

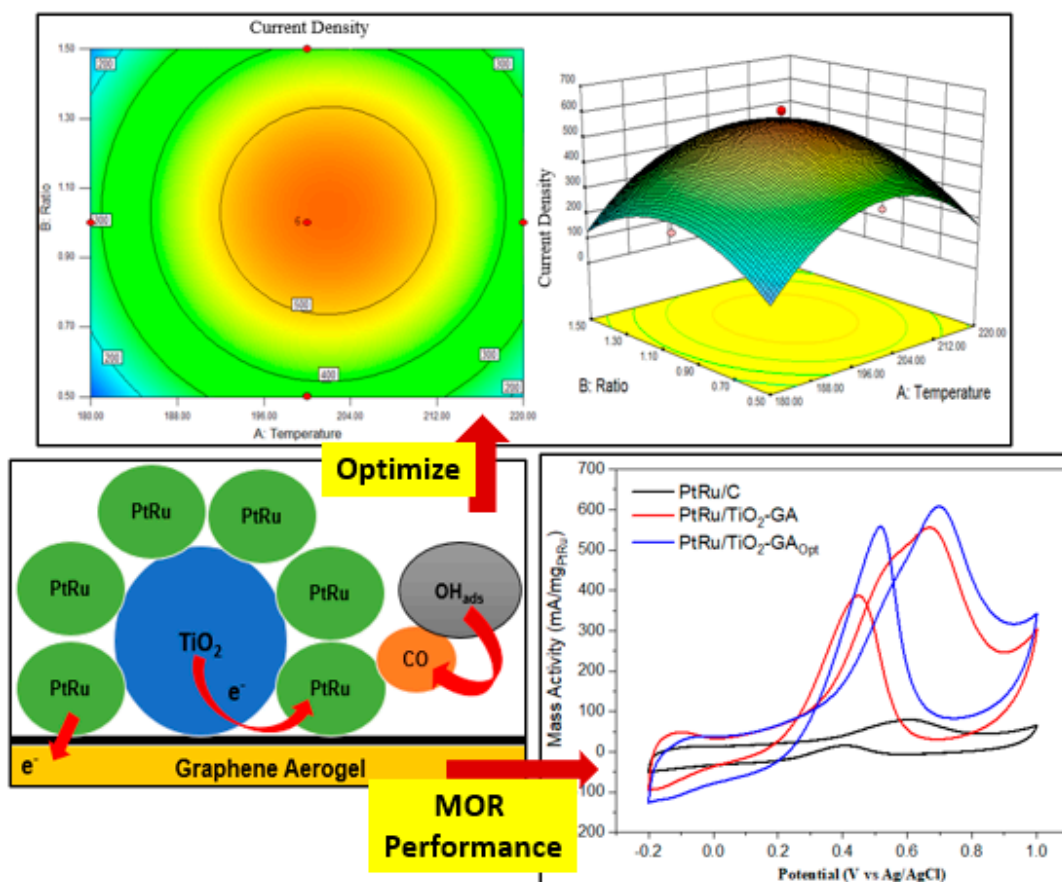


Figure S1. Activity of the catalyst during the CV electrochemical test.

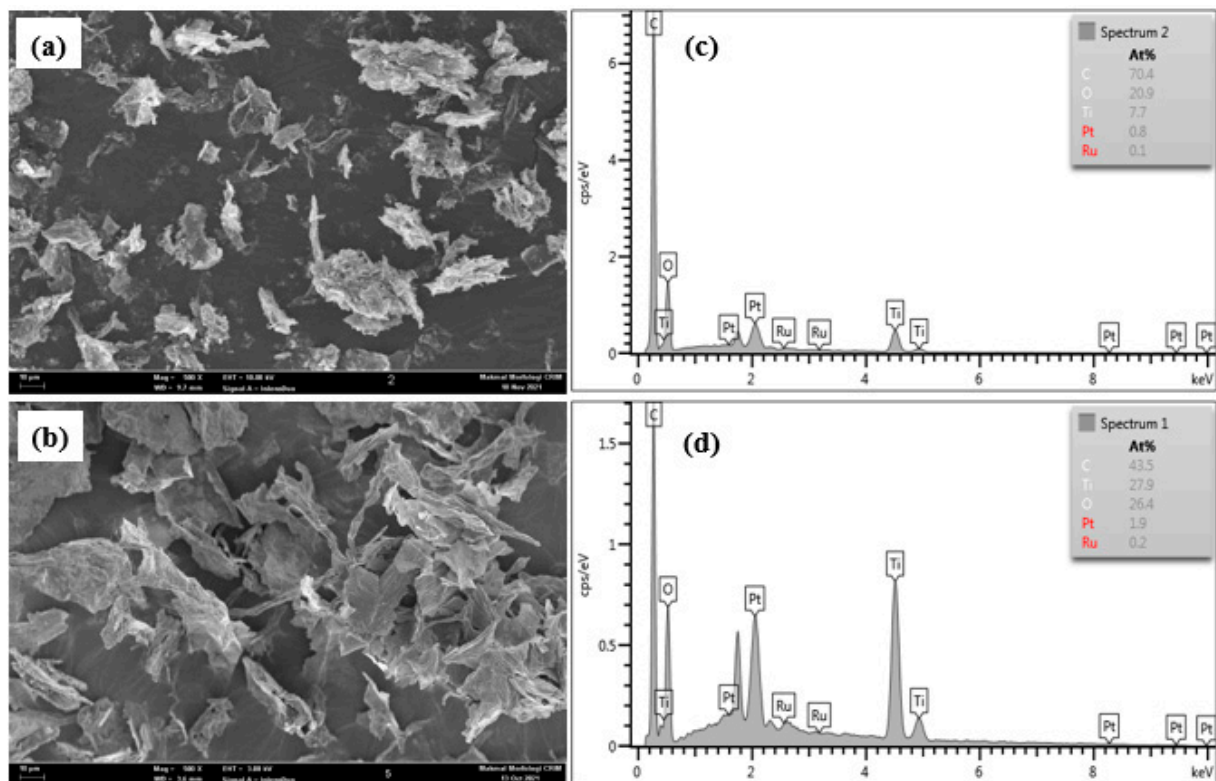


Figure S2. Surface morphology for (a) FESEM of TiO₂-GA, (b) FESEM of PtRu/TiO₂-GA, (c) EDX analysis of PtRu/TiO₂-GA, (d) EDX analysis of PtRu/TiO₂-GA.

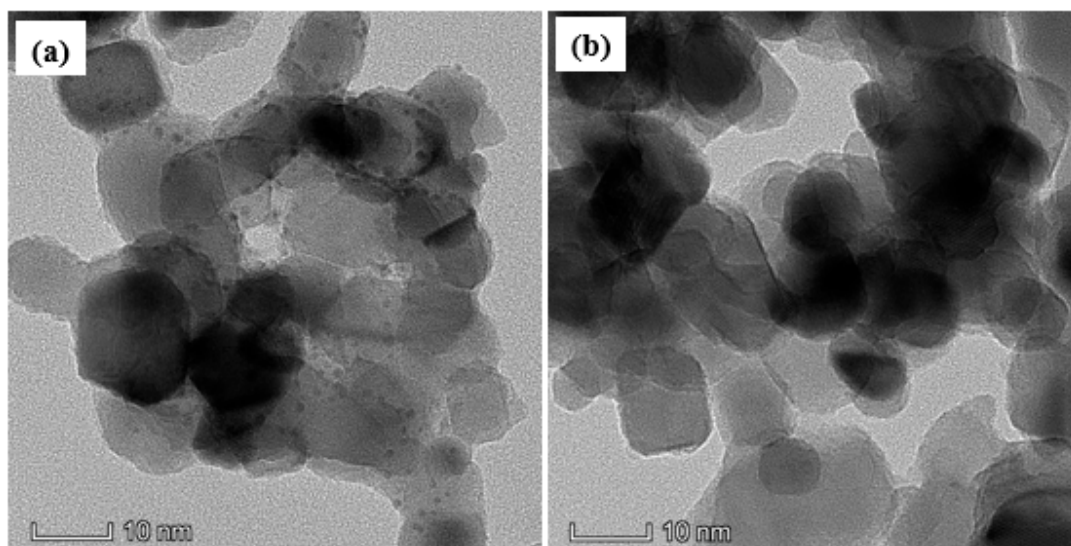


Figure S3. TEM images of the prepared (a) PtRu/TiO₂-GA and (b) PtRu/TiO₂-GA_{opt}.