Electronic Supplementary Material (ESI) for Catalysis Science & Technology.

Electronic Supplementary Information

Water oxidation catalyzed by two cobalt complexes: New challenges and questions

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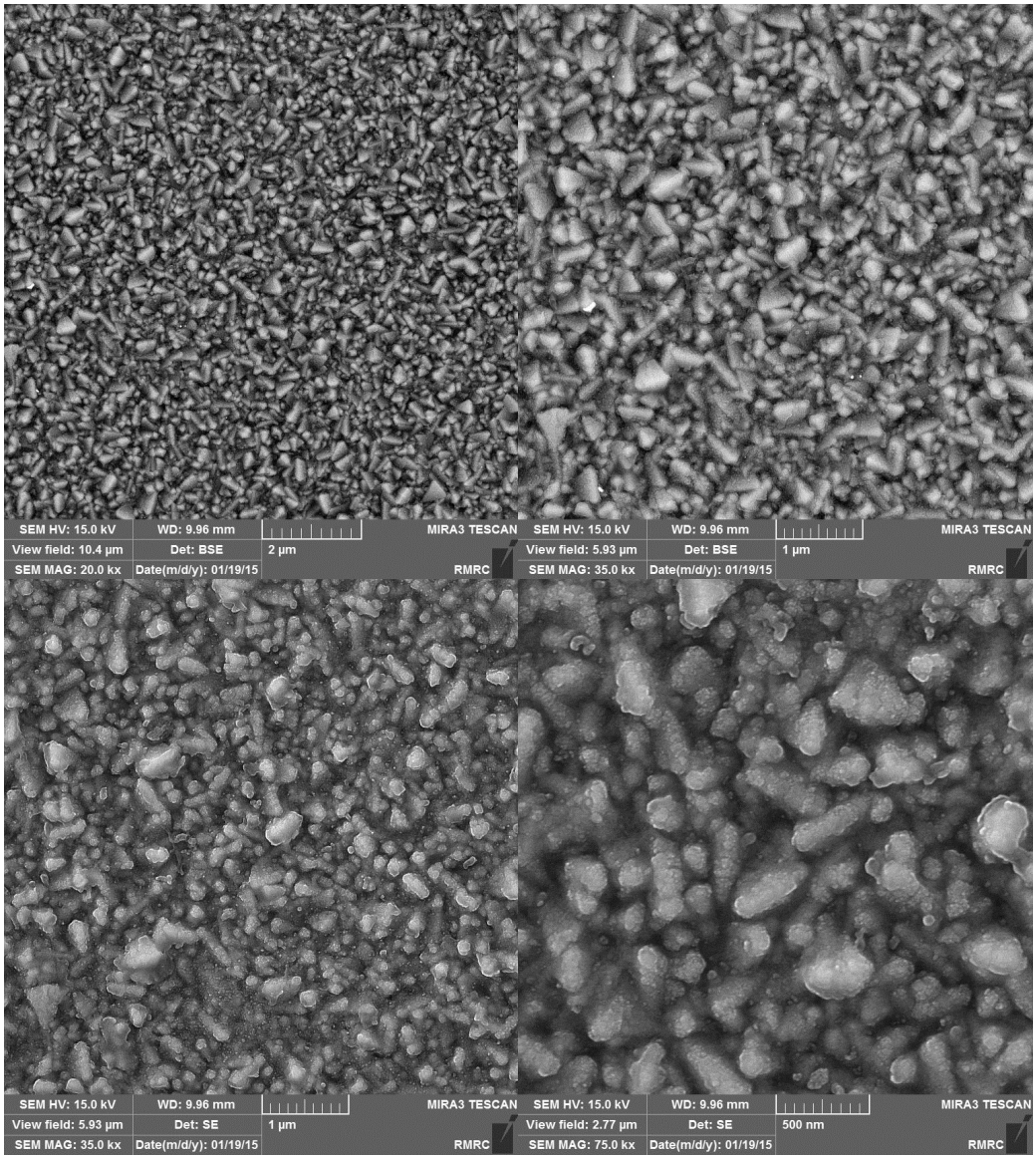

Fig. S1 SEM images from fresh FTO.

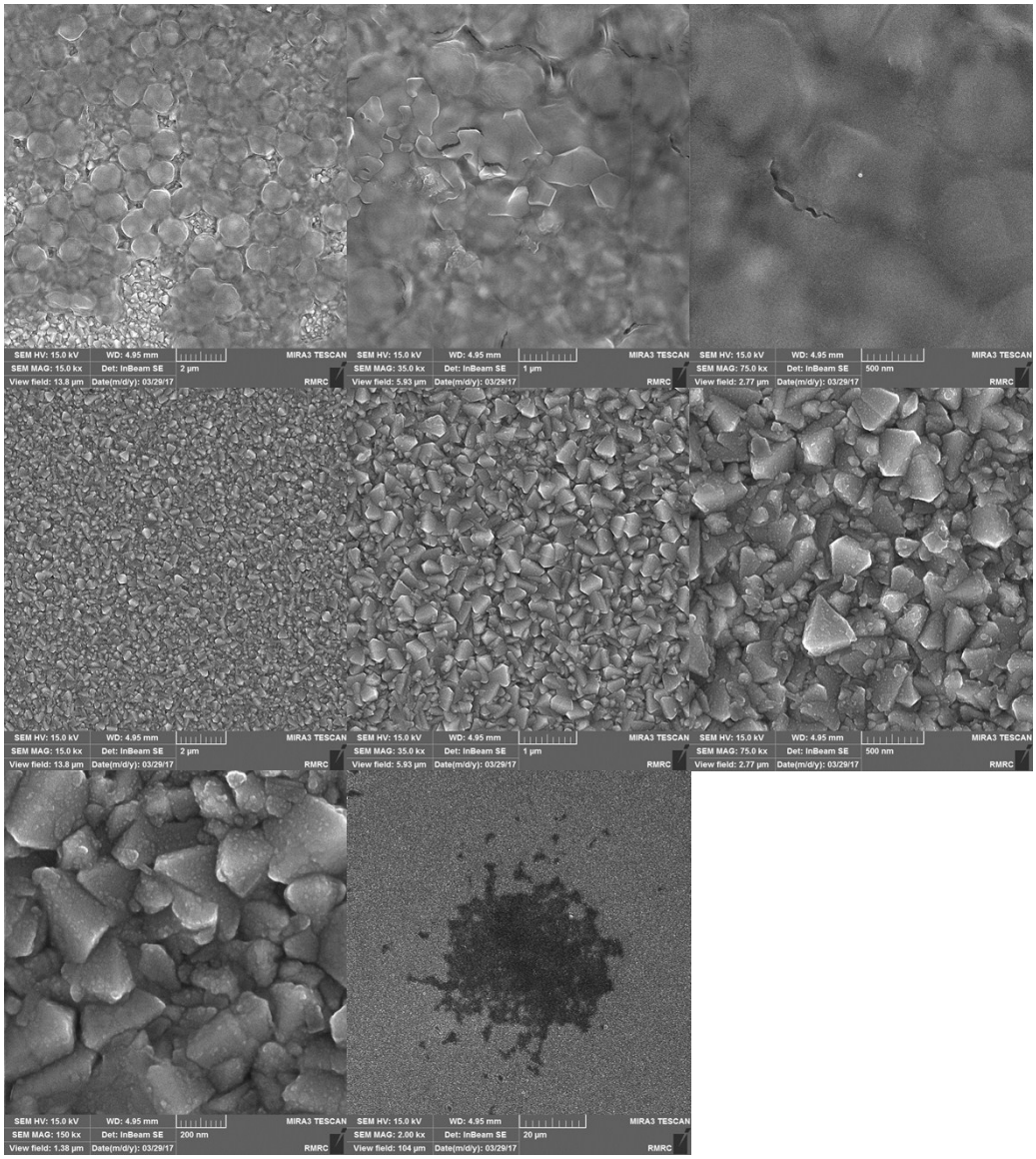

Fig. S2 SEM images for **1** under amperometry condition after 10 hours. Amperometric condition: 1.8 V; in the mixture of phosphate buffer (0.25 M, pH = 11.0) : DMF (3:1).

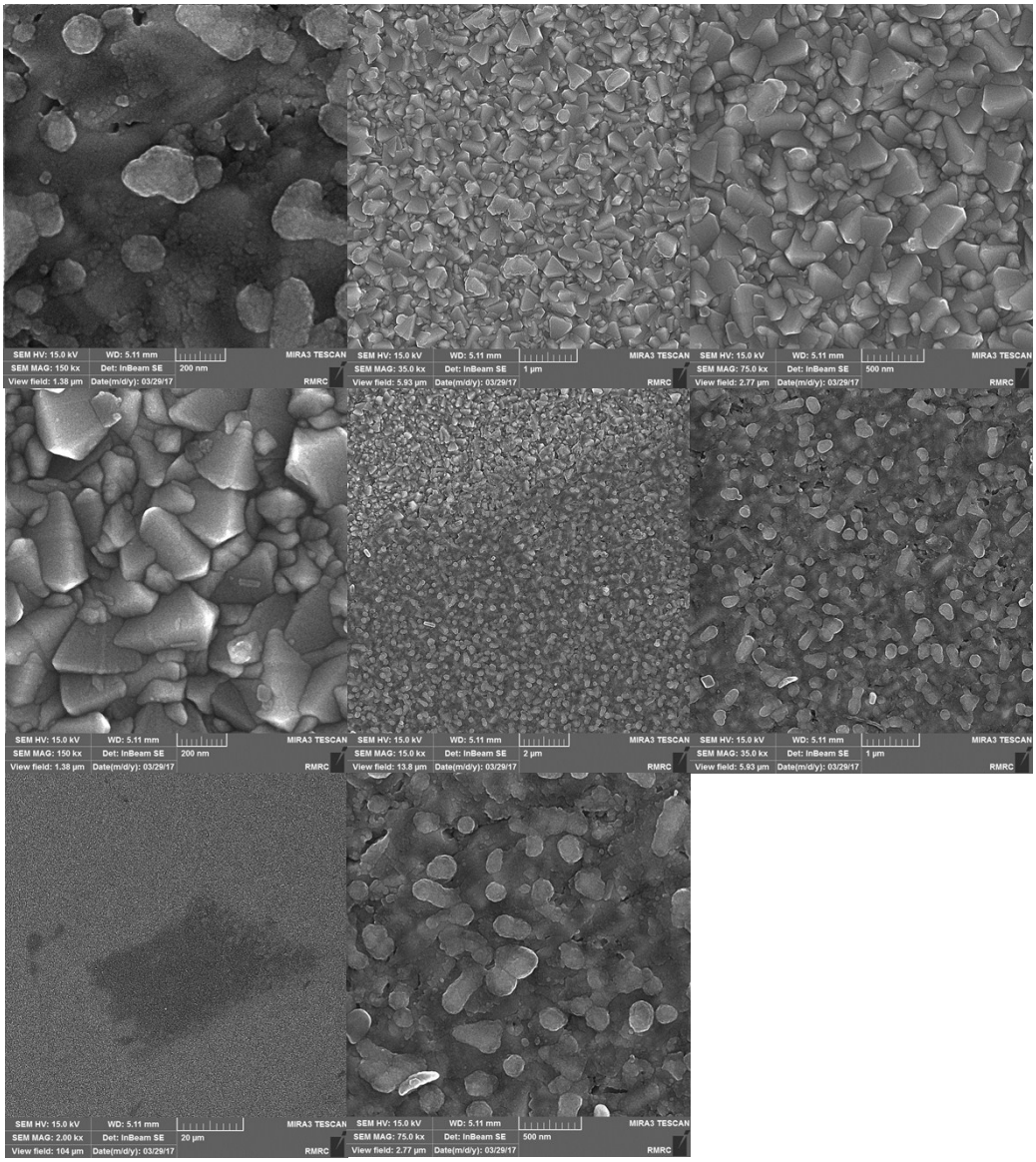

Fig. S3 SEM images for **1** under amperometry condition after 10 hours. Amperometric condition: 1.8 V; in the mixture of phosphate buffer (0.25 M, pH = 7.0) : DMF (3:1).

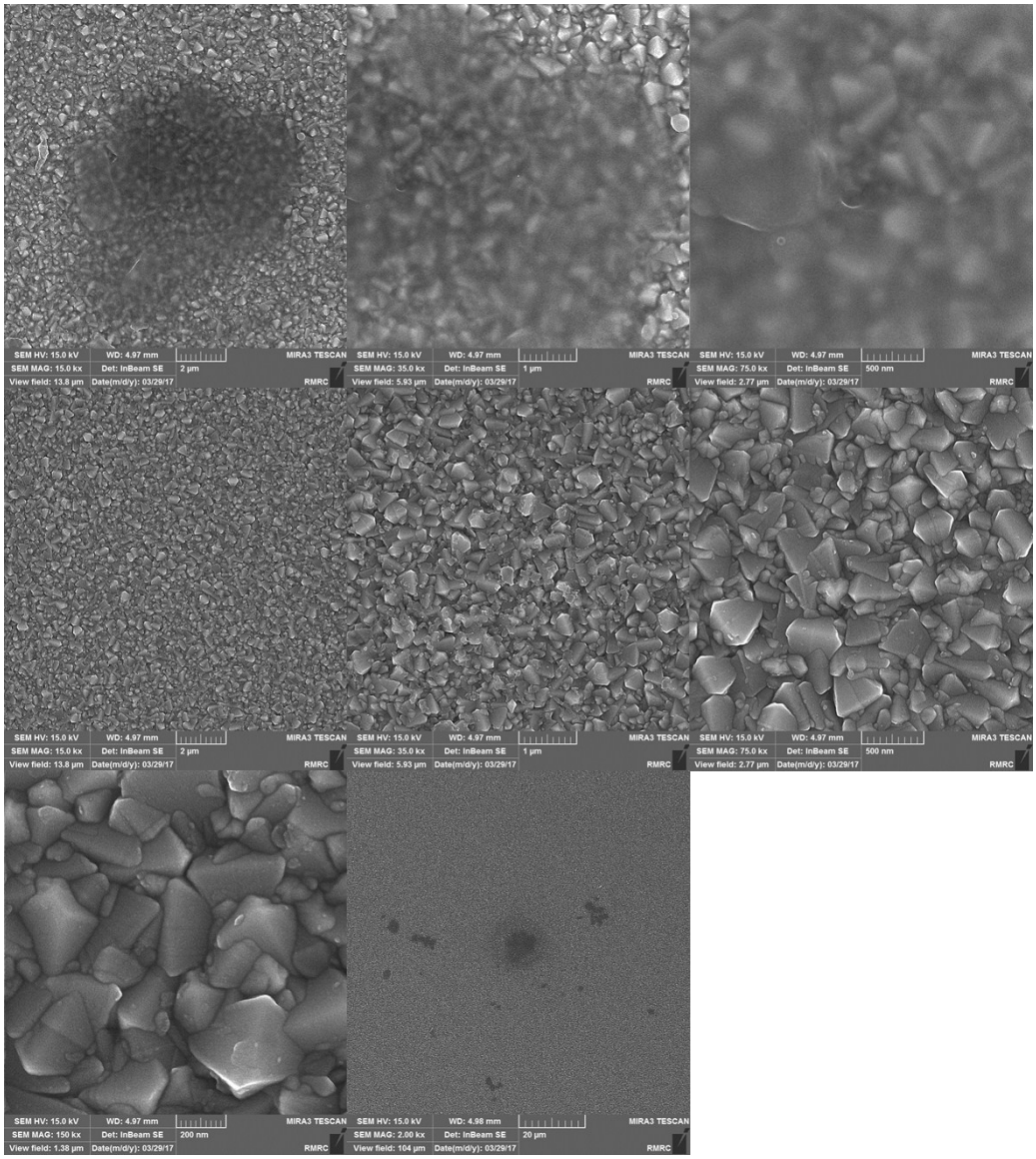

Fig. S4 SEM spectra for **1** under amperometry condition after 10 hours. Amperometric condition: 1.8 V; in the mixture of phosphate buffer (0.25 M, pH = 3.0) : DMF (3:1).

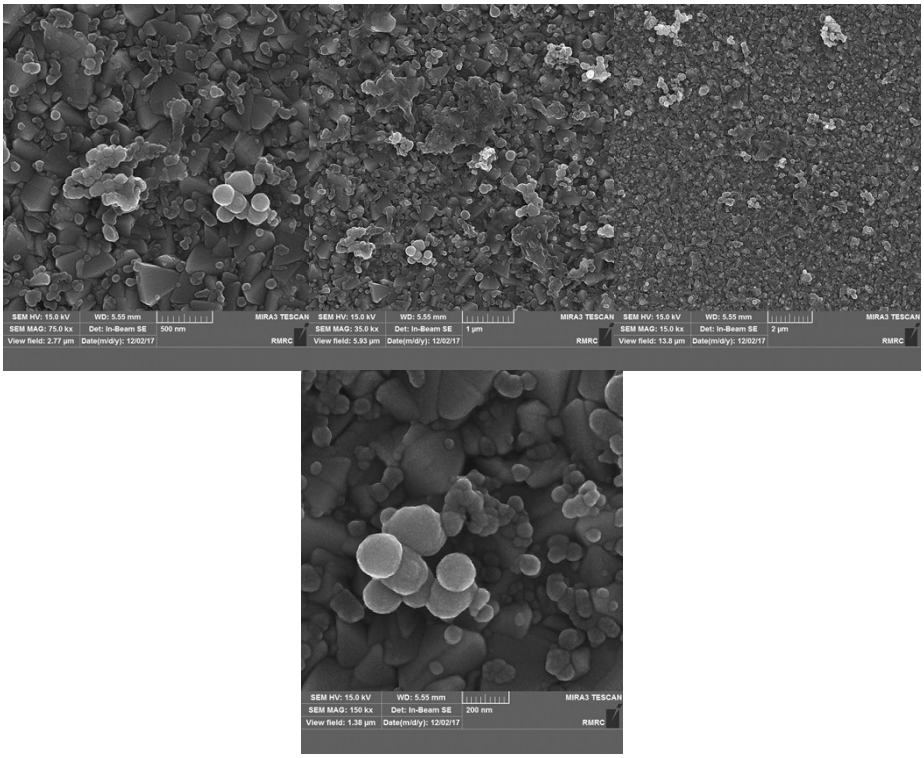

Fig. S5 SEM images for **2** under amperometry condition after 10 hours. Amperometric condition: 1.6 V; in the mixture of phosphate buffer (0.25 M, pH = 11.0) : DMF (3:1).

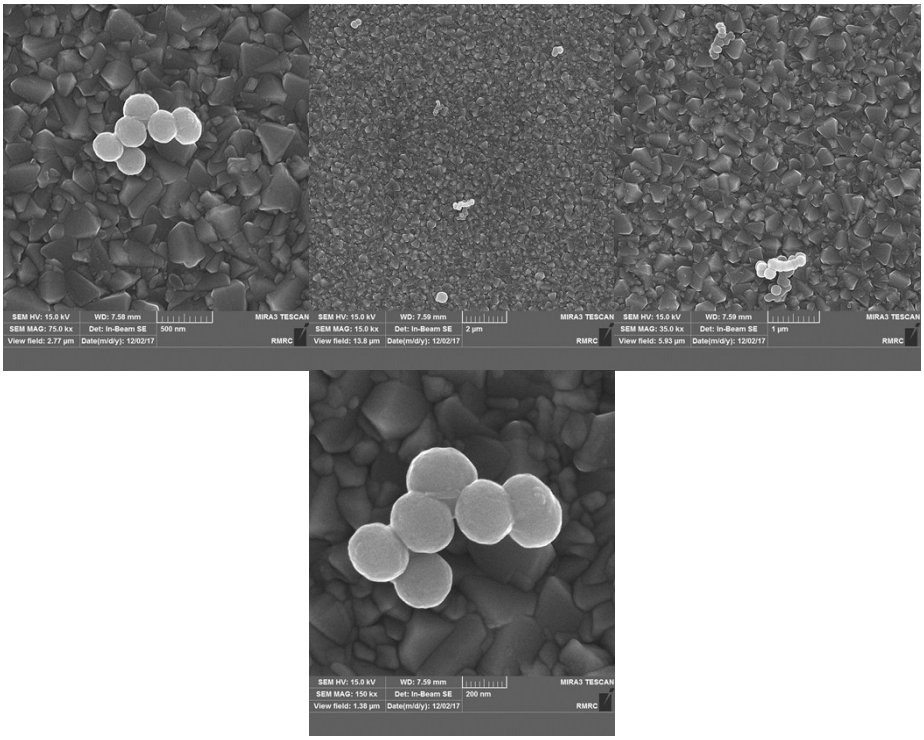

Fig. S6 SEM images for cobalt salt under amperometry condition after 10 hours. Amperometric condition: 1.6 V; in the mixture of phosphate buffer (0.25 M, pH = 11.0) : DMF (3:1).