

Supplementary Information

Comparison of 2D/3D Imidazole-Based MOF and Its Applications as Non-Enzymatic Electrochemical Sensors for The Detection of Uric Acid

Syauqi Abdurrahman Abrori^{a,b}, Ni Luh Wulan Septiani^{b,c}, Nugraha Nugraha^{b,d,*}, Ahmad Nuruddin^b, Isa Anshori^{d,e}, and Brian Yulianto^{b,d*}

^aDoctoral Program of Engineering Physics, Faculty of Industrial Technology, Institut Teknologi Bandung, Bandung 40132, Indonesia

^bAdvanced Functional Materials Laboratory, Engineering Physics Department, Faculty of Industrial Technology, Institut Teknologi Bandung, Bandung 40132, Indonesia

^cResearch Center for Advanced Materials, National Research and Innovation Agency (BRIN), South Tangerang 15314, Indonesia

^dResearch Center for Nanosciences and Nanotechnology (RCNN), Institut Teknologi Bandung, Bandung 40132, Indonesia

^eLab-on-Chip Group, Biomedical Engineering Department, Institut Teknologi Bandung, Bandung 40132, Indonesia

*Correspondence: brian@itb.ac.id; nugraha@tf.itb.ac.id.

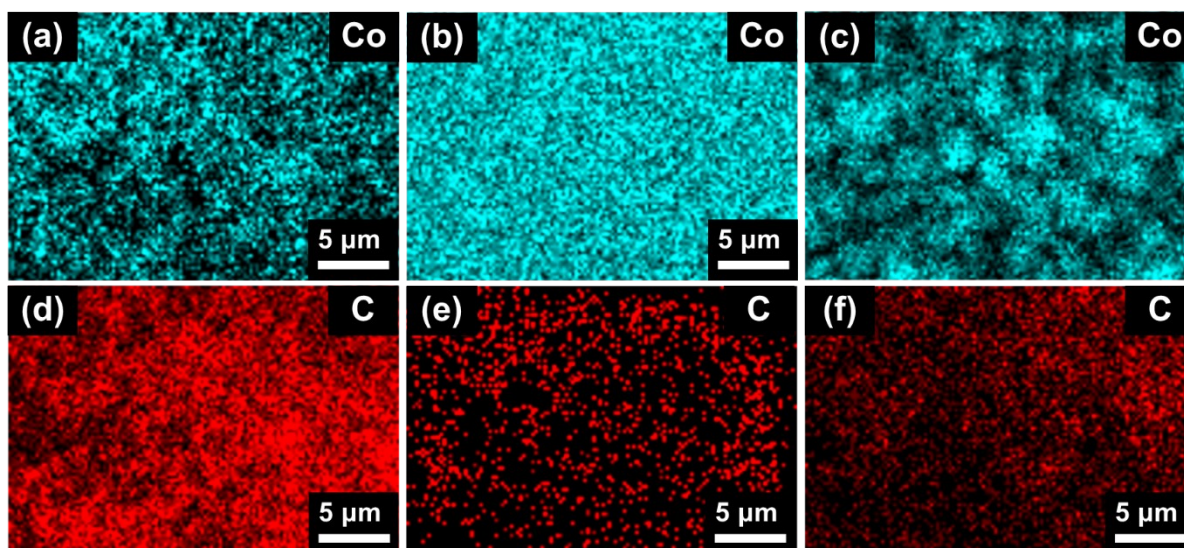


Figure S1. Energy Dispersive Spectroscopy (EDS) Mapping of Me-ZIF-67 (a,d), M-ZIF-67 (b,e), dan W-ZIF-67 (c,f) showing the element distribution of Cobalt and Carbon.

Elemental weight percent analyses

Sample/element	Cobalt (wt%)	Carbon (wt%)
Me-ZIF-67	11.7	88.3
M-ZIF-67	77.8	22.2
W-ZIF-67	42.3	57.7