MOF-Graphite Oxide Composites: Combining the Uniqueness of Graphene Layers and Framework of MOF

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Supporting Information

EDAX analyses for MOF-5 and the composites are presented in Figure S1. They show that carbon, oxygen and zinc are well-dispersed on the surface, which suggests that for all composites, GO and MOF-5 interact to form new materials of homogenous structure and chemistry.

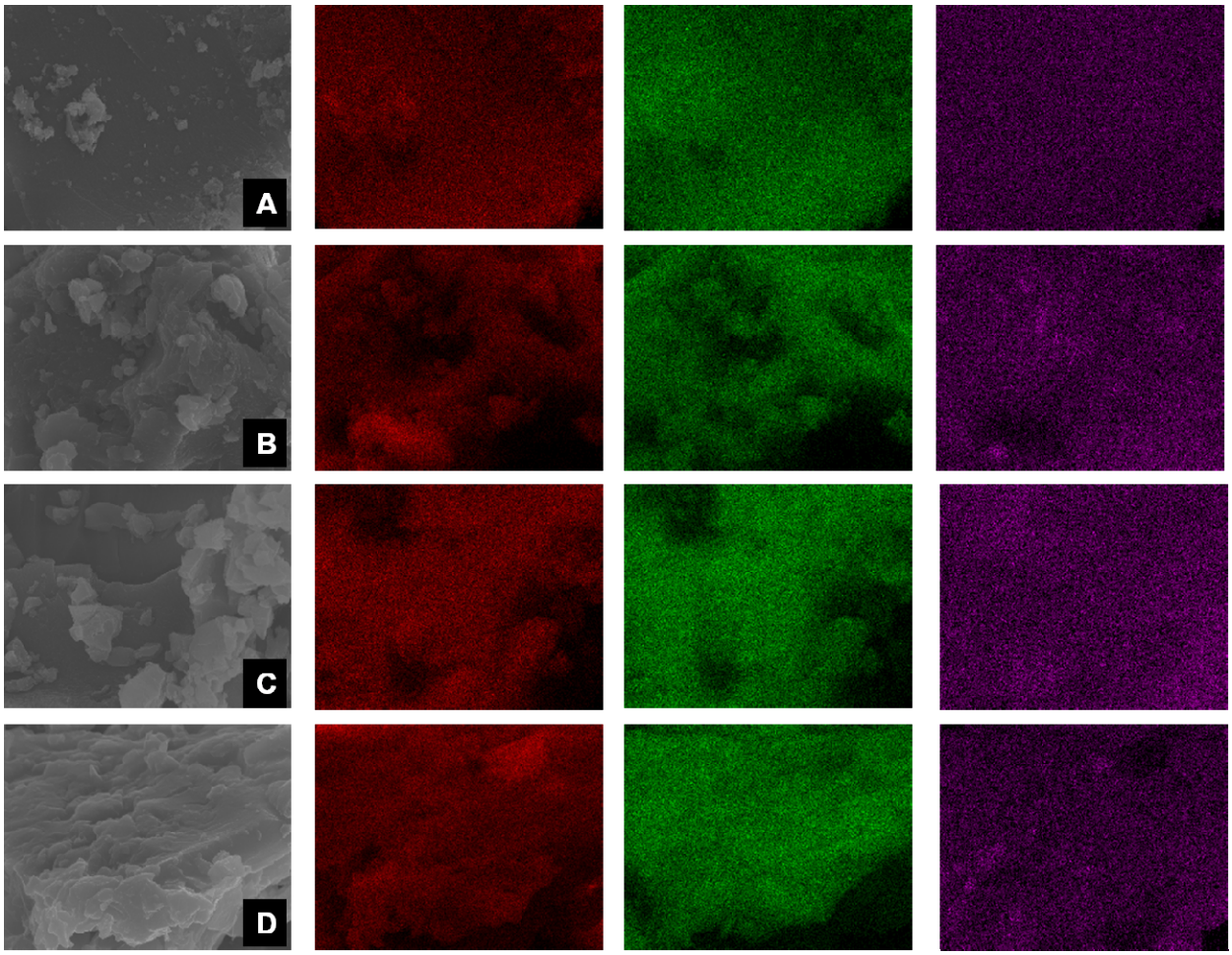


Figure S1. EDAX element maps of: (A): MOF-5, (B): MOF-5-GO1, (C): MOF-5-GO2 and (D): MOF-5-GO3. In red: carbon, in green: oxygen and in purple: zinc.