

Supporting Information

Catalytic Activity and Selectivity of Reusable α -MoO₃ nanobelts toward Oxidation of Olefins and Sulfides using Economical Peroxides

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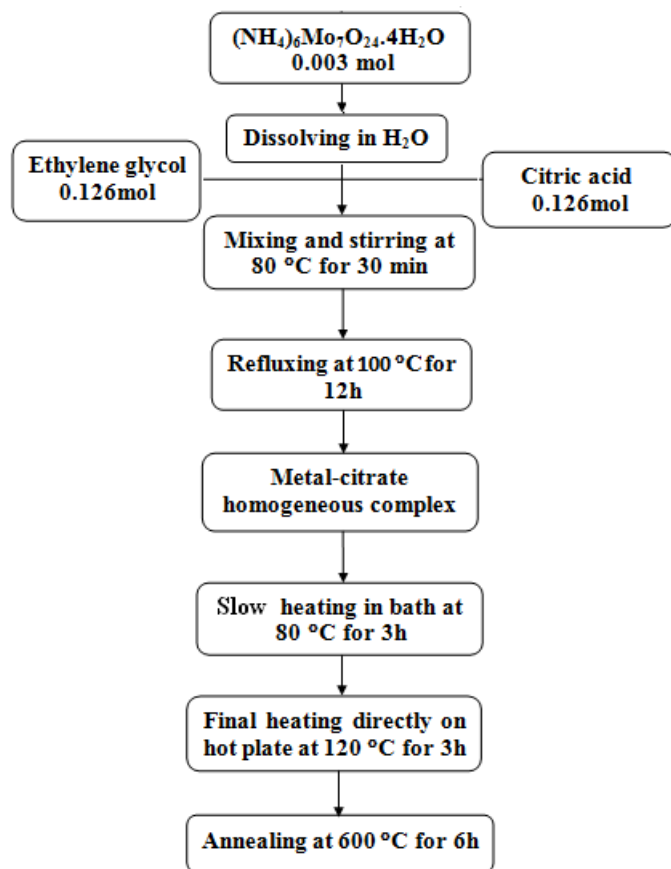


Figure S1. The flow chart of preparation of nanobelts of α -MoO₃ by sol-gel process.

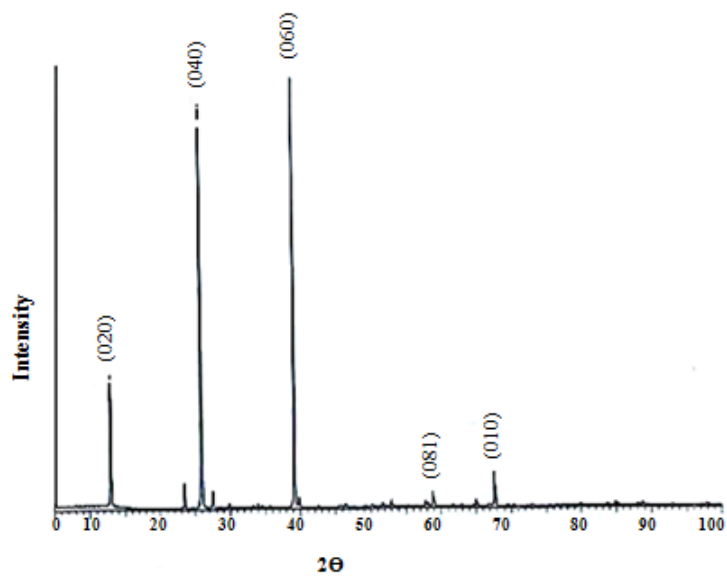


Figure S2. XRD pattern of nanobelts of α -MoO₃

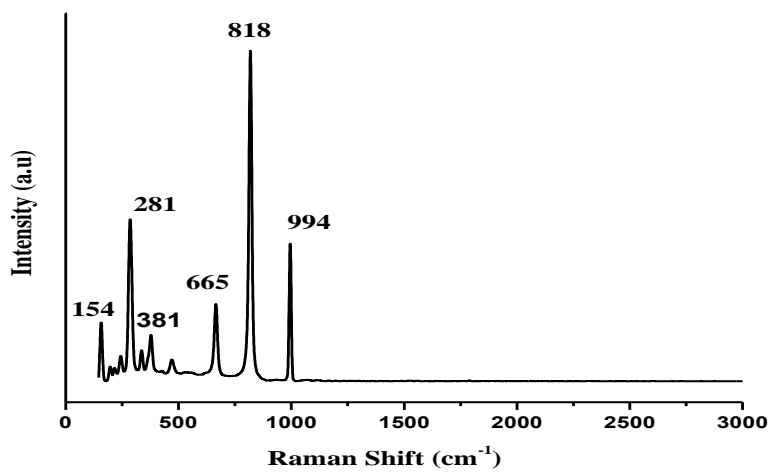


Figure S3. Raman spectra of nanobelts of α -MoO₃

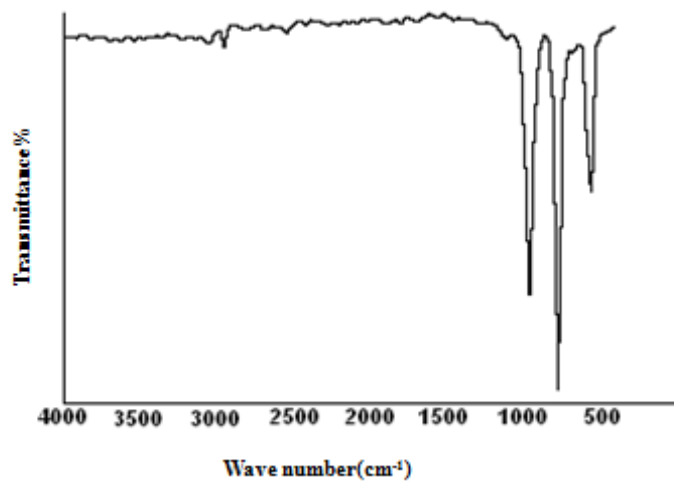


Figure S4. FT-IR patterns of nanobelts of α -MoO₃

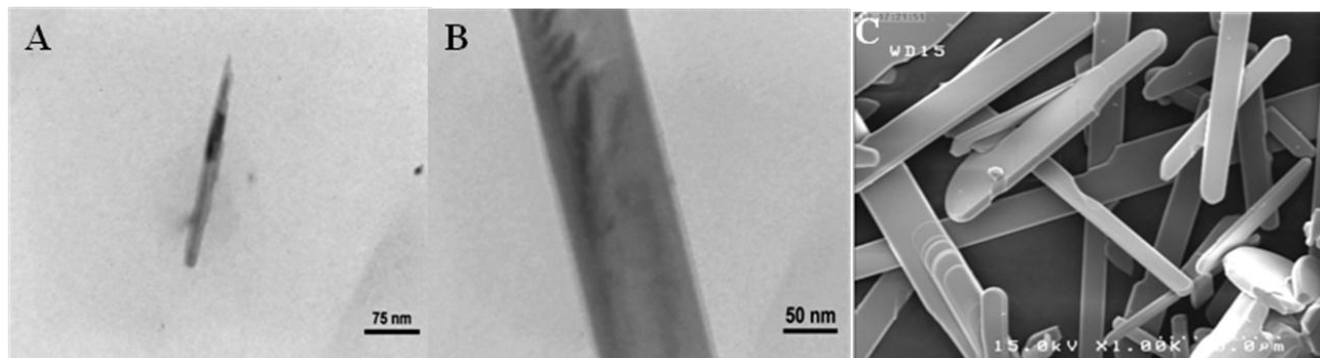


Figure S5. HRTEM (A and B) and SEM (C) images of nanobelts of α -MoO₃

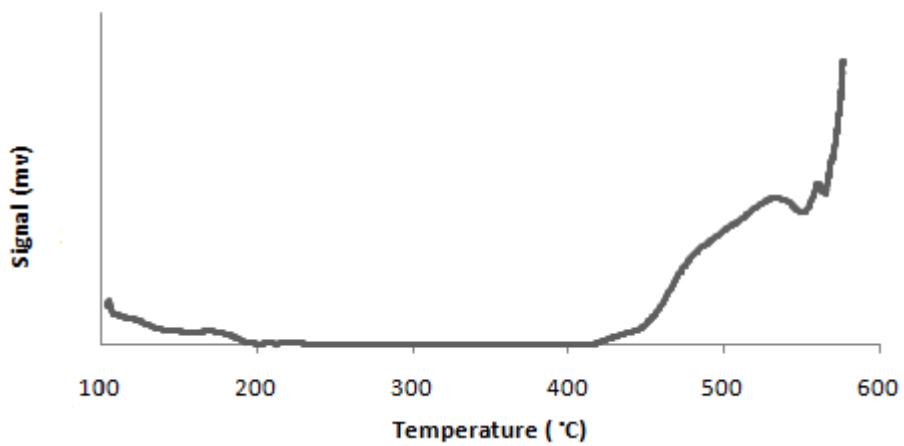


Figure S6. The NH₃-TPD of nanobelts of α -MoO₃

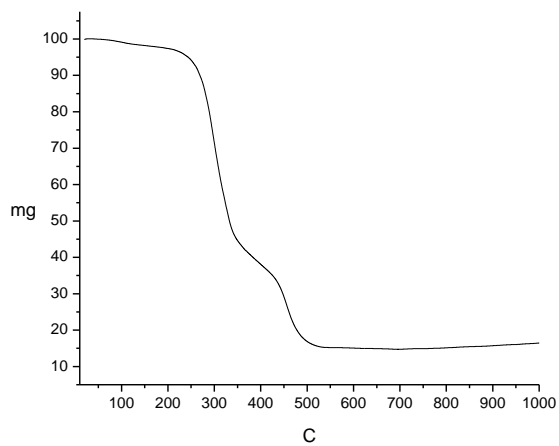


Figure S7. The TGA of nanobelts of α -MoO₃