

Supporting Information

Microwave-assisted solution-phase preparation and growth mechanism of FeMoO₄ hierarchical hollow spheres

Lei Zhang,^a Xiao-Feng Cao,^a Ying-Li Ma,^a Xue-Tai Chen*^a and Zi-Ling Xue^b

^a State Key Laboratory of Coordination Chemistry, Nanjing National Laboratory of Microstructures, School of Chemistry and Chemical Engineering, Nanjing University, Nanjing 210093, P. R. China. E-mail:

xtchen@netra.nju.edu.cn; Fax: +86-25-83314502.

^b Department of Chemistry, The University of Tennessee, Knoxville, Tennessee 37996-1600, USA.

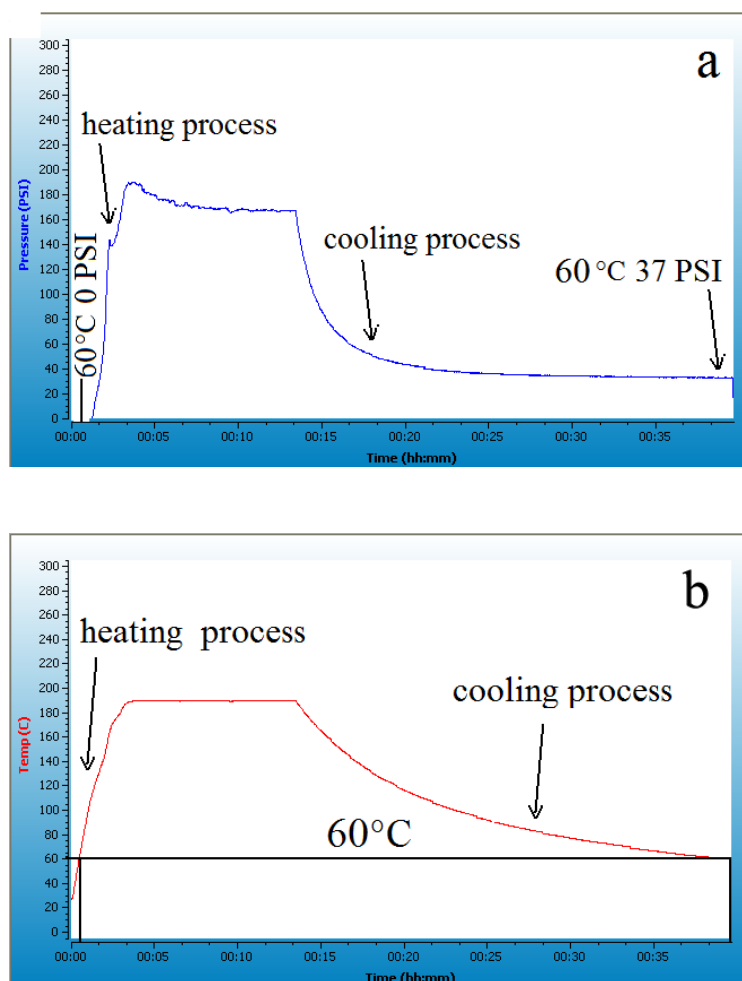


Fig. S1. (a) Variation curve of pressure as a function of time; (b) variation curve of temperature as a function of time.

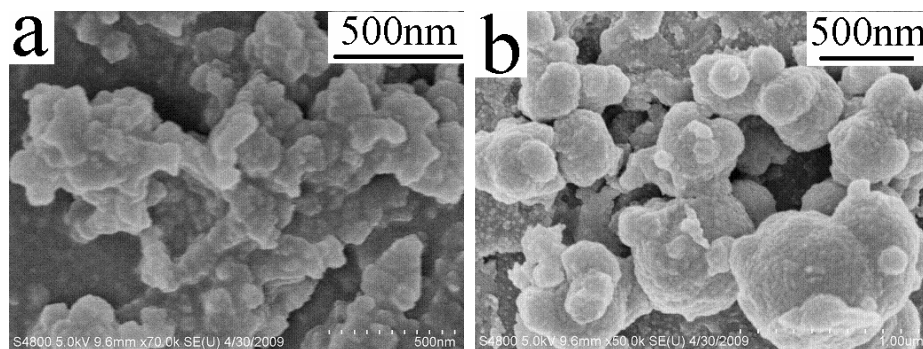


Fig. S2. SEM images of the as-prepared FeMoO_4 at $190\text{ }^\circ\text{C}$ with different iron sources: (a) $\text{Fe}_2(\text{SO}_4)_3 \cdot 7\text{H}_2\text{O}$ and (b) $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$.

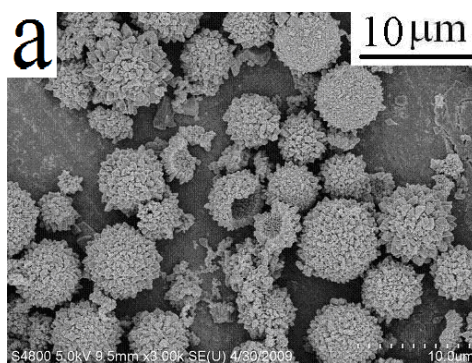


Fig. S3. SEM image of the as-prepared FeMoO_4 using solvothermal methods at $190\text{ }^\circ\text{C}$ for 6 h.