

Supplementary Information for
High-efficiency fluoride removal using hierarchical flower-like
magnesium oxide: Adsorption characteristics and mechanistic
insights

Liting Zhang,^a Chenyuan Cui,^a Chunmei Zhu,^a Lu Gong,^a Min Li,^a Siwei Xiang,^b and Bo Yu^{a*}

a School of Chemistry and Chemical Engineering, Chongqing University of Science and Technology, Chongqing
401331, China

b Research Center of Smart Environmental Analysis, Chongqing Institute of Green and Intelligent Technology,
Chinese Academy of Sciences, Chongqing 400714, China

*Corresponding author

The FDF file includes:

Figure S1. SEM images of precursors(a,b)

Figure S2. SEM images of MgO(a, b)

Figure S3. SEM images of MgO after fluoride adsorption(a, b).

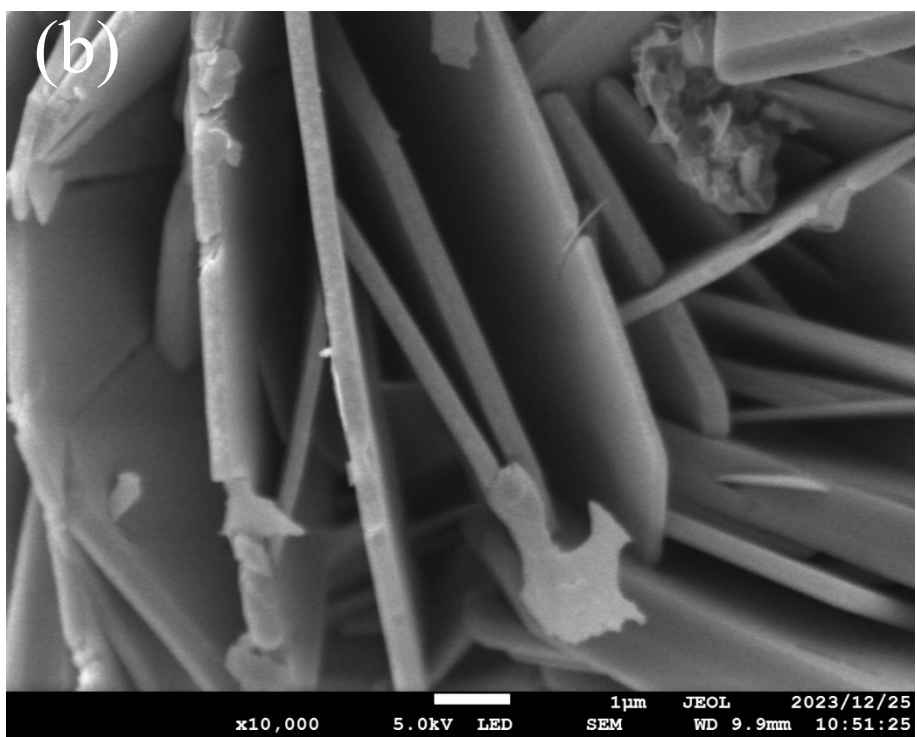
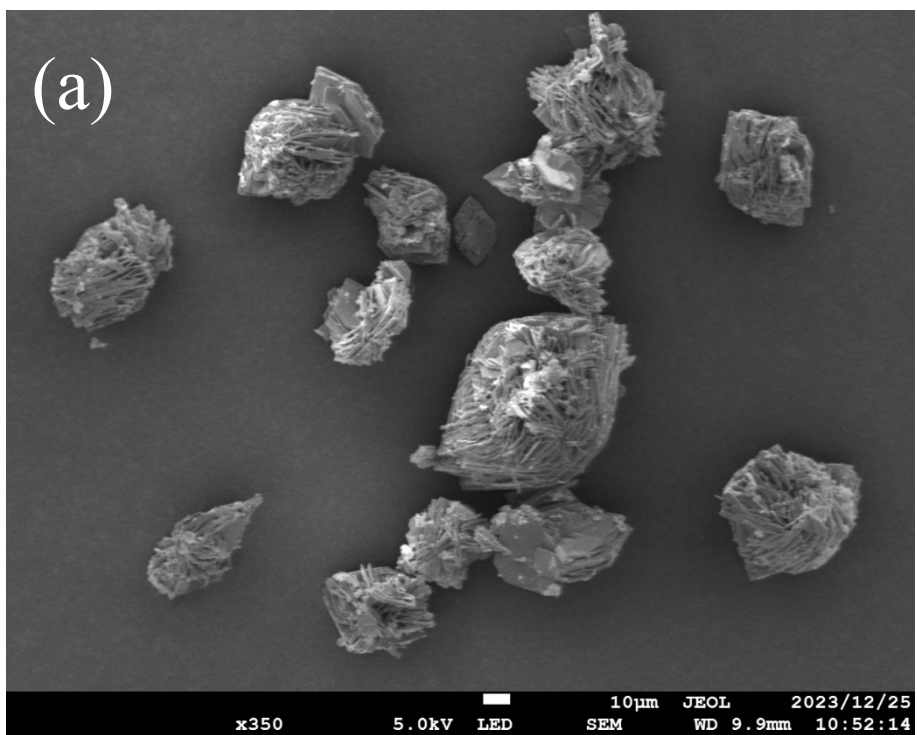


Figure S1. SEM images of precursors(a,b)

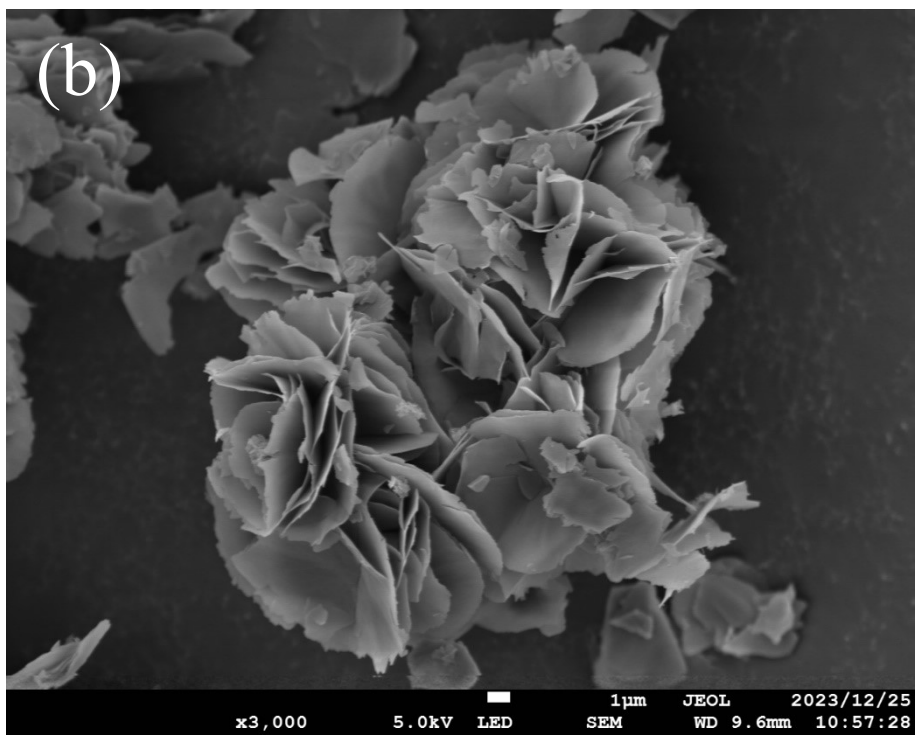
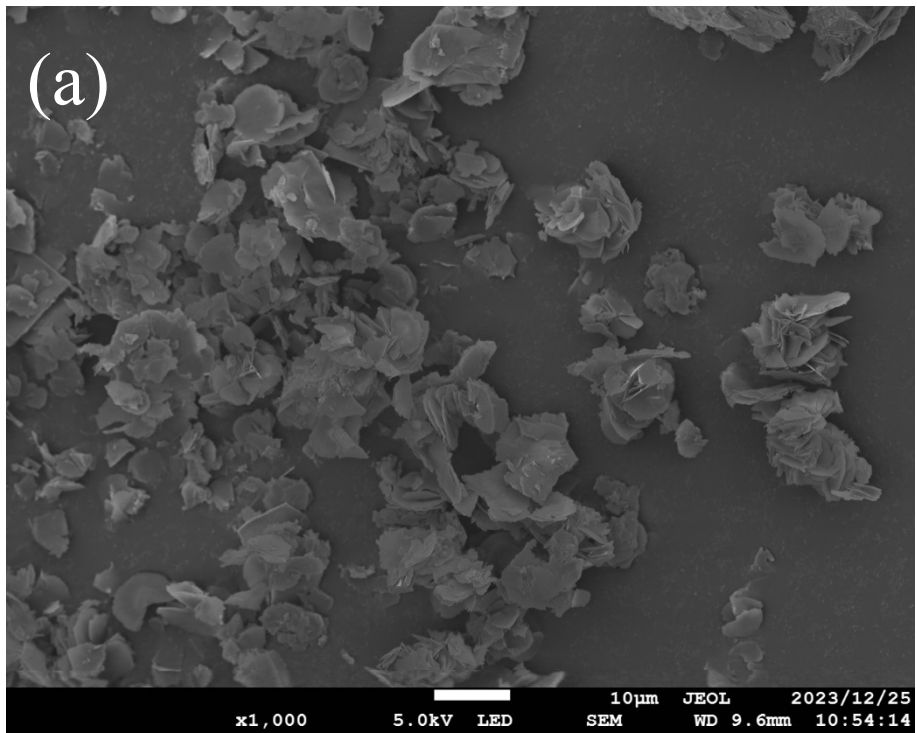


Figure S2. SEM images of MgO(a, b)

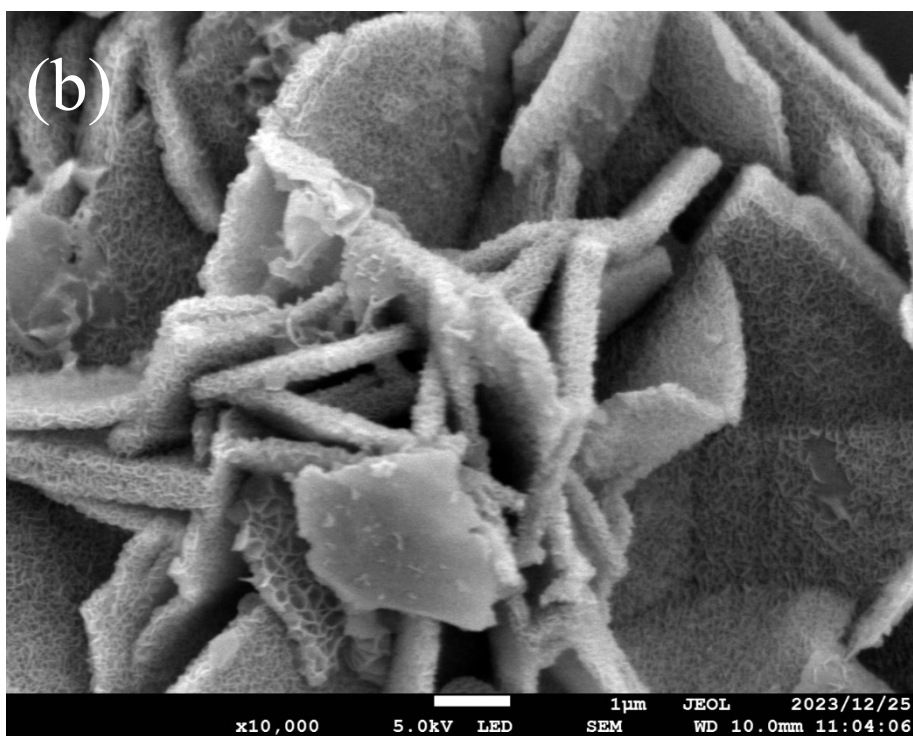
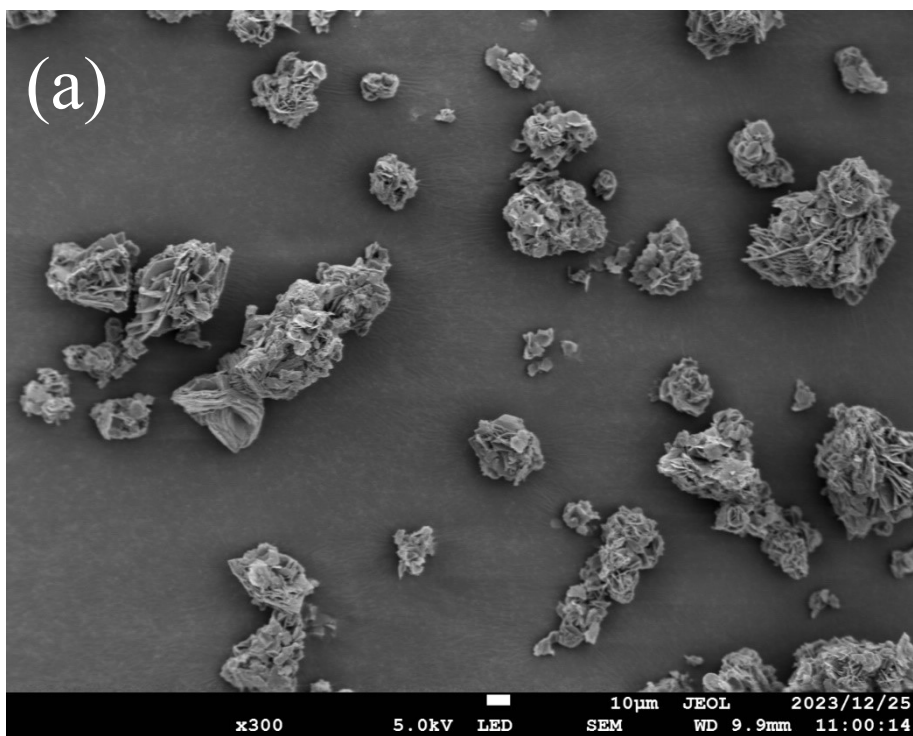


Figure S3. SEM images of MgO after fluoride adsorption (a, b).

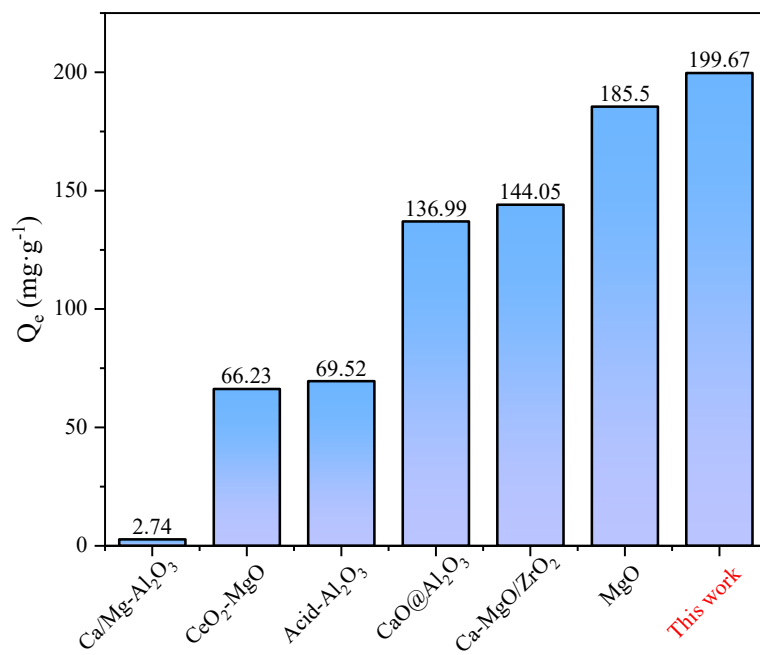


Figure S4. Maximum fluoride adsorption capacity of different adsorbents.