

Supplementary Materials for:

Redox Hyperactive MOF for Li⁺, Na⁺ and Mg²⁺ Storage

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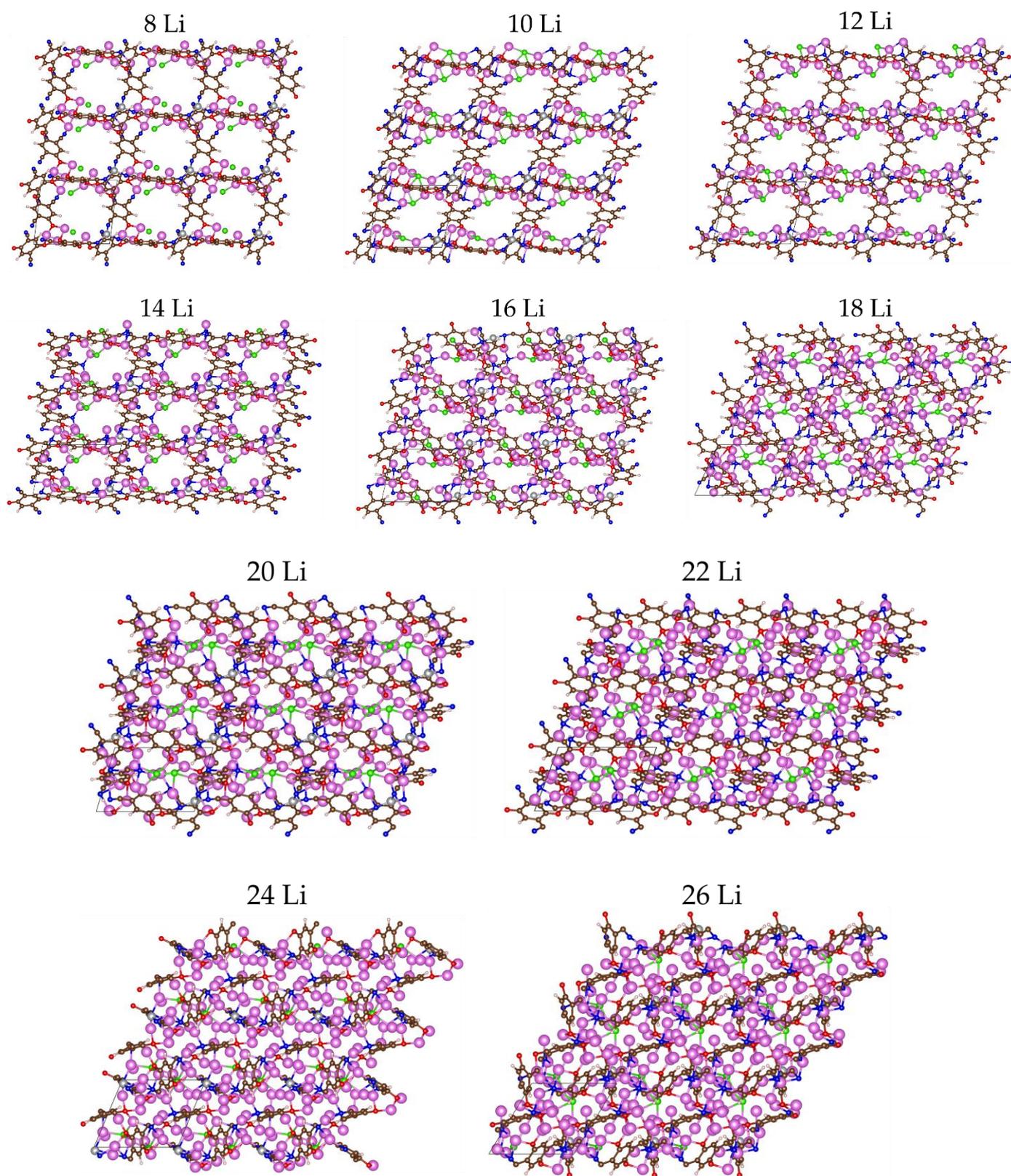


Figure S1. MOF-S21 at different degrees of lithiation

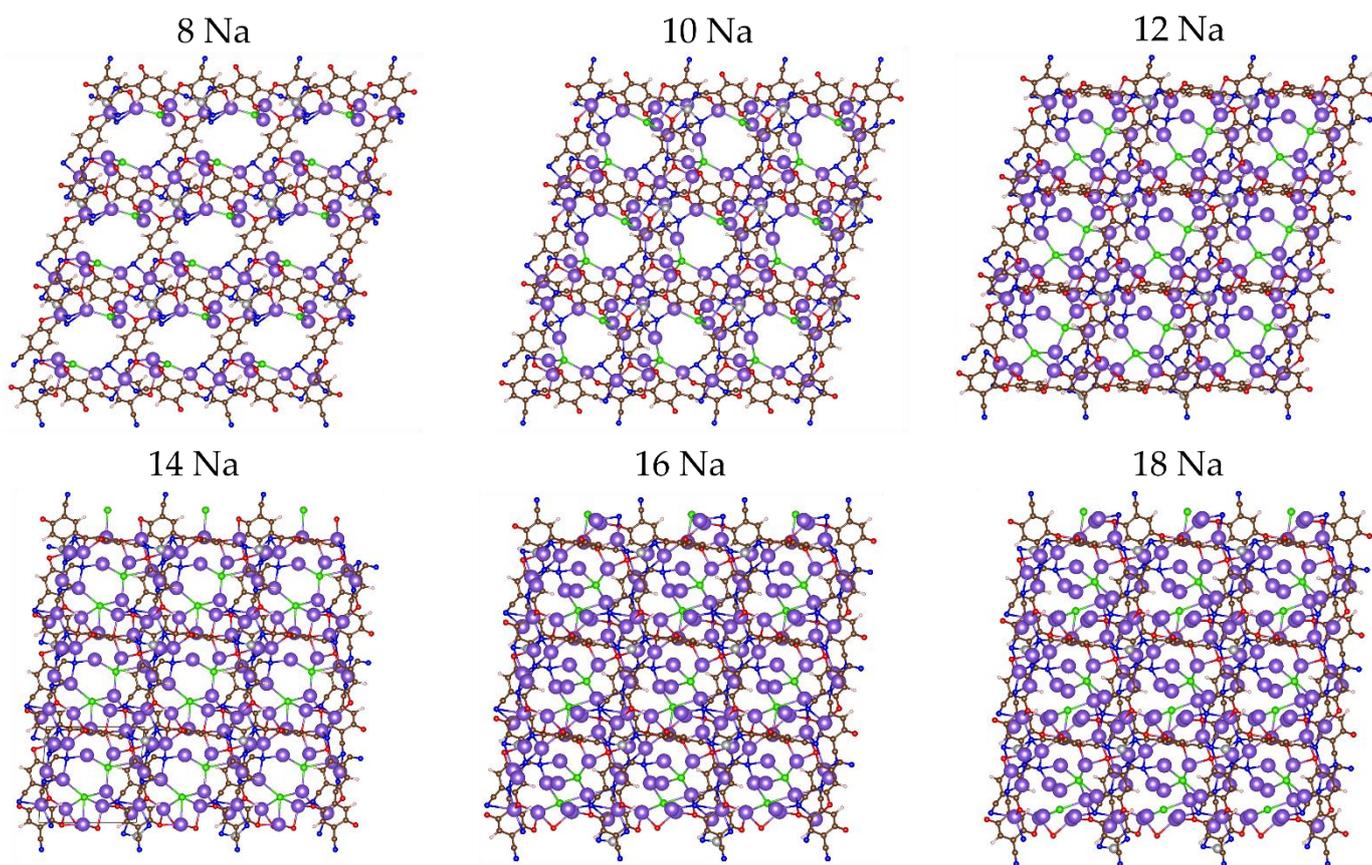


Figure S2. MOF-S21 at different degrees of sodiation

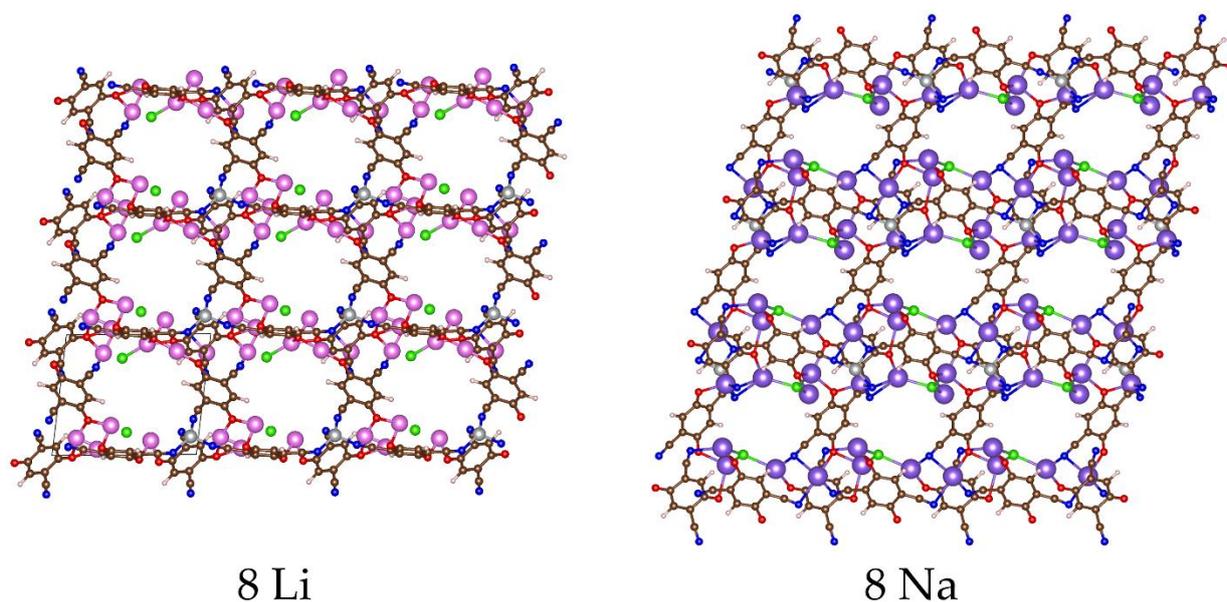


Figure S3. Upon intercalation of a moderate amount of Li and Na, the latter are situated close to the edges of the MOF, coordinated by electronegative centers such as O, N, Cl, so there is plenty of free space for migration. Even at this level of loading ($M=8$), one can spot some close contacts in the lithiated MOF, which are missing in the sodiated one.