Supporting Information

Boosting Zn-ion Storage Capability of Birnessite Manganese Oxide Nanoflorets by La$^{3+}$ Intercalation

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Fig. S1 HRTEM image of the MO.

Fig. S2 XPS spectra of LMO. (a) Mn 2p; (b) O1s.
**Fig. S3** Comparing XPS spectra between the MO and LMO. (a) Mn 2p; (b) O1s.

**Fig. S4** Raman spectra of the MO and LMO.
Fig. S5 Atom% of LMO samples with different La$^{3+}$ contents.

Fig. S6 SEM image of (a-b) LMO-0.6; (c-d) LMO-1.7.
Fig. S7 XRD patterns of LMO samples with different La$^{3+}$ contents.

Fig. S8 GCD curves of (a) MO; (b) LMO-0.6; (c) LMO-1.5; (d) LMO-1.7.