Stereo Microstructure of ZnO Effects the Lithium Storage Capacity of

Li₂ZnTi₃O₈ Anode Material

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Serial number	D _{Li+} (LZTO-W) cm ² /s		D _{Li+} (LZTO-E) cm ² /s		D _{Li+} (LZTO-A) cm ² /s	
	Discharge	Charge	Discharge	Charge	Discharge	Charge
1	2.59 Ø 10 ⁻⁹	9.72 ¢ 10 ⁻¹⁰	2.37 ø 10 ⁻⁹	1.24 🇭 10-9	2.27 ø 10-9	5.62 🇭 10-10
2	2.23 ø 10-9	1.63 🗭 10 ⁻⁹	1.96 🗭 10 ⁻⁹	1.86 🇭 10 ⁻⁹	2.76 🗭 10 ⁻⁹	1.44 🗭 10 ⁻⁹
3	7.53 🇭 10 ⁻¹⁰	2.37 ø 10-9	1.21 🛱 10 ⁻⁹	1.69 🇭 10 ⁻⁹	1.33 🛱 10-11	1.82 🕱 10 ⁻⁹
4	1.52 🕱 10 ⁻⁹	2.24 🇭 10 ⁻⁹	2.64 ø 10-9	2.14 🇭 10 ⁻⁹	1.06 🛱 10 ⁻¹¹	2.60 ør 10-9
5	1.33 🇭 10-11	2.81 🇭 10-9	1.52 🇭 10-10	2.18 🇭 10 ⁻⁹	4.22 ø 10 ⁻¹⁰	2.64 ø 10-9
6	1.06 🛱 10-10	3.42 🛱 10-11	3.49 🇭 10-10	4.75 Ø 10 ⁻¹¹	8.93 ø 10 ⁻¹⁰	4.22 🇭 10 ⁻¹⁰
7	2.6 🇭 10-11	3.42 ø 10 ⁻¹⁰	1.05 🎓 10-11	7.28 🛱 10-10	3.15 ø 10 ⁻¹¹	5.62 🎓 10-10
8	3.07 ø 10 ⁻¹⁰	1.92 🛱 10 ⁻¹⁰	3.15 ø 10 ⁻¹⁰	6.66 🛱 10 ⁻¹⁰	2.11 ø 10 ⁻¹⁰	2.87 ø 10 ⁻¹⁰

Table S1 $D_{\rm Li}$ data for LZTO-W, LZTO-E and LZTO-A.



Fig. S1 GITT date for LZTO-E (Zoomed-in voltage).



Fig. S2 The Coulombic efficiency for LZTO-W, LZTO-E and LZTO-A.



Fig. S3 TEM image for LZTO-E after long cycle.