Supporting Information

Kinetics of Interfacial Lithium-ion Transfer between a Graphite Negative Electrode and a Li_2S-P_2S_5 Glassy Solid Electrolyte

Danni YU, Meiqi HUANG, Yuto MIYAHARA, Kohei MIYAZAKI, Akitoshi HAYASHI, Masahiro TATSUMISAGO, Takeshi ABE, and Tomokazu FUKUTSUKA

Table S1. Resistances of lithium charge-transfer at the interface between the pellet of $75Li_2S$-$25P_2S_5$ glass and each HOPG electrode at a potential of 0.2 V. The unit for the values of R_{ct} is kΩ

Electrodes	Temperature (°C)			
	10	15	20	25
Pristine HOPG	106	76.5	56.1	45.8
ALD-TiO_2-1-HOPG	63.5	46.0	33.5	25.8
ALD-TiO_2-5-HOPG	86.0	60.1	44.3	35.3
ALD-Oxidized-HOPG	42.1	30.7	21.9	18.1