

Lamellar Polypyrene Based on Attapulgite–Sulfur Composite for Lithium–Sulfur Battery

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Table S1. The comparison of the related work.

Related work	Synthetic method	Mixing with Sulfur	Nano structure	Electrochemical application
PPy-AT [1]	Chemical	No	Nanotube	No
Bentonite/S [2]	Physical	Grinding and co-heating	Irregular sheet structure	0.2 C, initial discharge specific capacity: 796 mAh; after 100 cycles: 489mAh.
ATTP@GNs/S [3]	Physical+Chemical	Grinding and co-heating	Nanosheets	0.1 C, initial discharge specific capacity: 1143.9 mAh/g; after 100 cycles: 512.0 mAh/g
AT-S-PPy	Physical+Chemical	Absorption and co-heating	Lamellar-like structure	0.1C, initial discharge specific capacity: 1175 mAh/g; after 100 cycles: 518 mAh/g.

References

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