

GeTe-TiC-C Composite Anodes for Li-Ion Storage

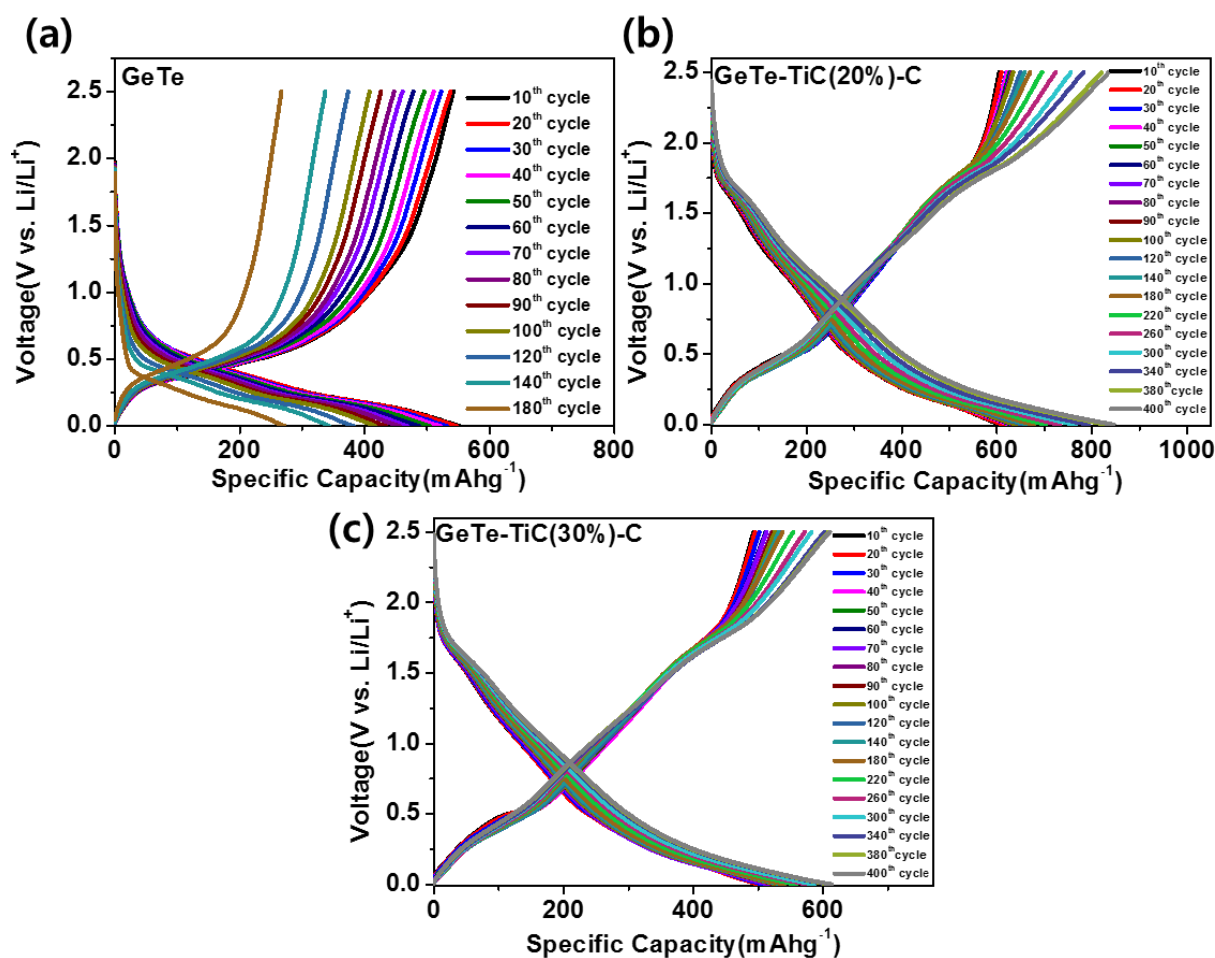


Figure S1. Discharge-charge curves of (a) GeTe, (b) GeTe-TiC (20%)-C and (c) GeTe-TiC (30%)-C electrodes.

Table S1. Comparison on the electrochemical performances of electrodes with TiC content. For other data, they are adapted from the cited references.

Sample	1 st Charge Capacity (mAh g ⁻¹)	Current Density (mA g ⁻¹)	Charge Capacity (mAh g ⁻¹)	Ref.
Zn-TiC-C	402	100	~380 at 800 th cycle	[1]
ZnTe@TiC (20%)-C	446	100	~530 at 300 th cycle	[2]
SnSb-TiC-C	653	100	~430 at 100 th cycle	[3]
Sn-TiC-C	390	100	~390 at 300 th cycle	[4]
SnTe-TiC (30%)-C	419	100	~420 at 100 th cycle	[5]
Sb ₂ Te ₃ -TiC (30%)-C	388	100	~330 at 600 th cycle	[6]
FeSn ₂ -TiC	398	100	~380 at 100 th cycle	[7]
GeTe-TiC (20%)-C	588	100	766 at 300 th cycle 847 at 400 th cycle	Our work
GeTe-TiC (30%)-C	508	100	588 at 300 th cycle 614 at 400 th cycle	

References

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