

Electronic Supplementary Information

Ti₃C₂T_x MXene Reinforcement: Nickel-Vanadium Selenide/ MXene Based Multi-Component Composite As Battery-type Electrode for Supercapacitor Application

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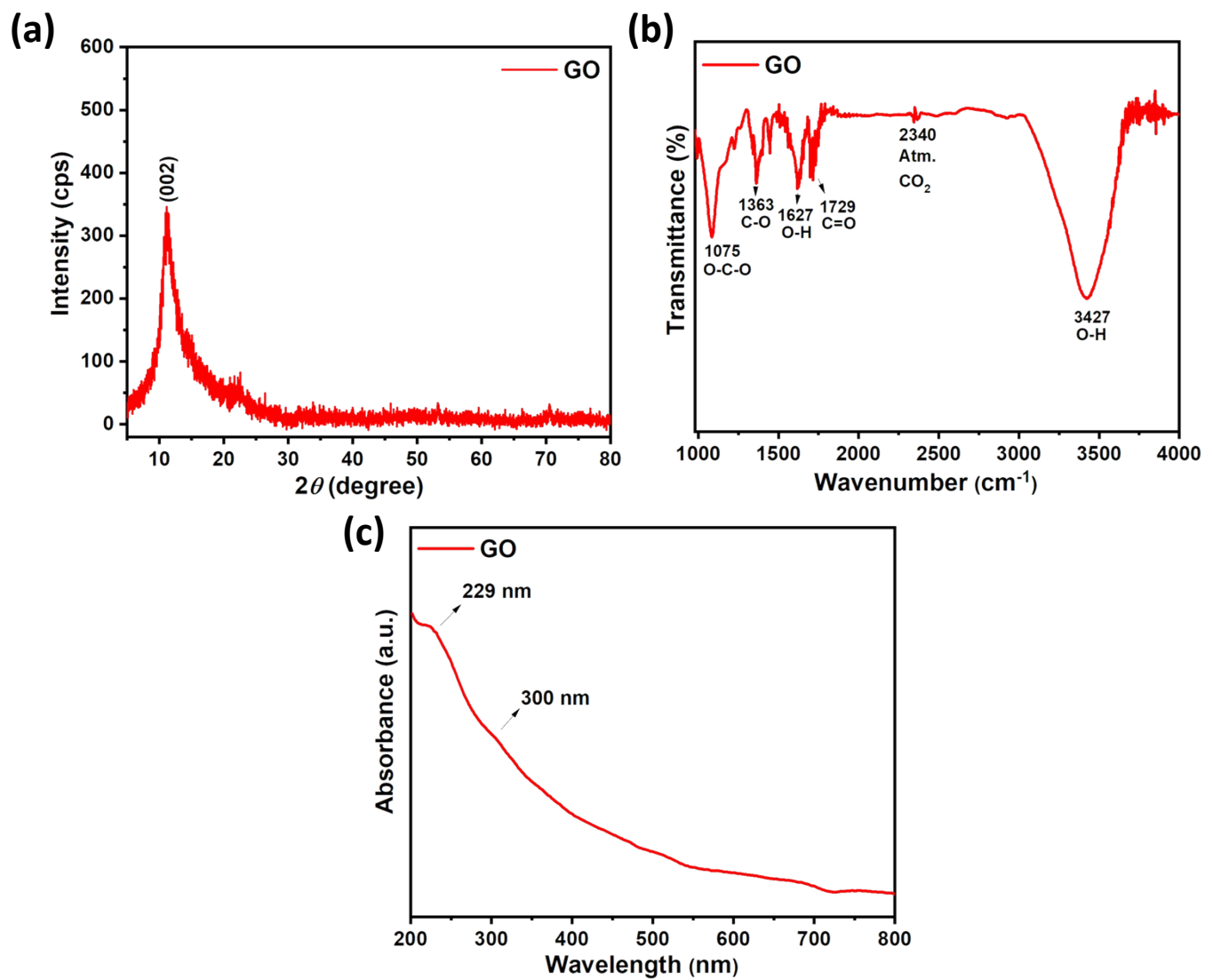


Figure. S1. XRD pattern, FT-IR, and UV-vis spectra of GO.

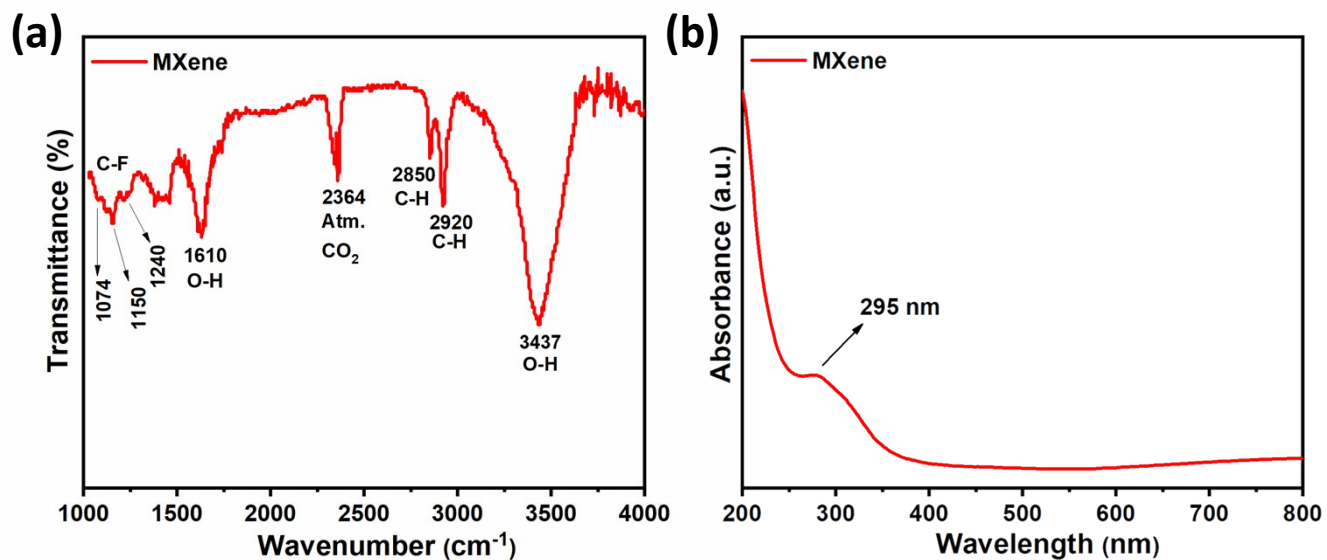


Figure. S2. (a) FT-IR and (b) UV-vis spectra of MXene.

Table. S1. Specific capacity of NiVSe, NiVSe-GAF, and NiVSe-MXene-GAF at different current densities.

Current density (A/g)	Specific capacity (mAh/g)		
	NiVSe	NiVSe-GAF	NiVSe-MXene-GAF
1	138.3	226.3	305.8
3	118.7	199.9	273.2
5	110.5	184.4	255.3
7	100.4	176.3	247.3
9	89.7	169.7	238.5
12	85.7	163.8	235.1