

Materials	Electrolyte	Potential (V)	Specific capacitance	Rate performance	Refs.
Ti ₃ C ₂ T _x /CNTs	1 M H ₂ SO ₄	-0.7 to 0.2 (Ag/AgCl)	300 F g ⁻¹ (1 A g ⁻¹)	66.3% (500 A g ⁻¹)	[25]
MoS ₂ -Ti ₃ C ₂ T _x	1 M H ₂ SO ₄	0 to 0.5 (Ag/AgCl)	303.8 F g ⁻¹ (1 A g ⁻¹)	60.5% (10 A g ⁻¹)	[26]
H ₂ SO ₄ -Ti ₃ C ₂ T _x	3 M H ₂ SO ₄	-1.2 to 0.2 (Hg/HgSO ₄)	325 F g ⁻¹ (5 mV s ⁻¹)	64% (10 V s ⁻¹)	[27]
few-layer Ti ₃ C ₂ T _x	1 M H ₂ SO ₄	0 to 0.8 (Ag/AgCl)	255 F g ⁻¹ (5 A g ⁻¹)	58.8% (200 mV s ⁻¹)	[11]
Ti ₃ C ₂ T _x @C	3 M H ₂ SO ₄	-0.6 to 0.2 (Ag/AgCl)	393.7 F g ⁻¹ (2 mV s ⁻¹)	83.7% (200 mV s ⁻¹)	This work

Table S1. Performance comparison of different MXene-based supercapacitors.