Effect of UV irradiation on the alternating wet and dry corrosion behavior of galvanized steel in sodium chloride solution

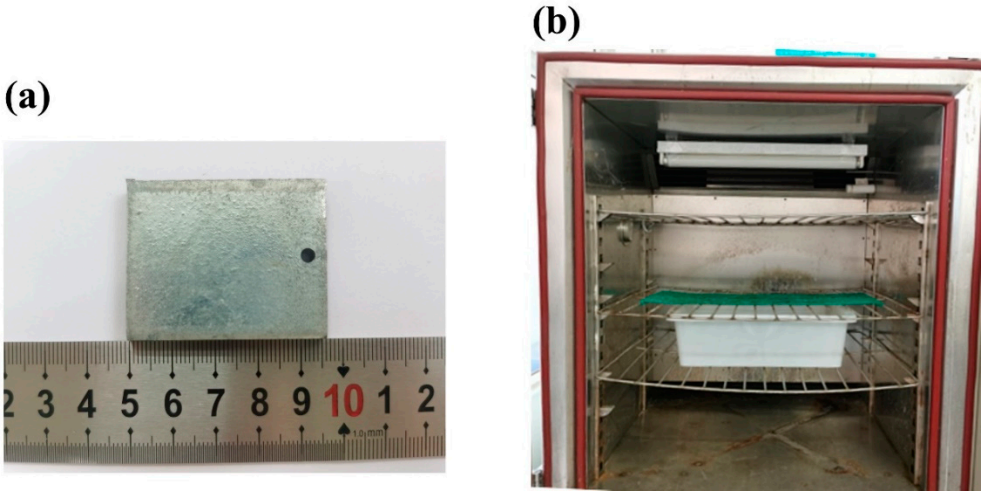


Figure S1. (a) Photo of the galvanized steel sample; (b) Photo of the wet/dry alternating corrosion test system

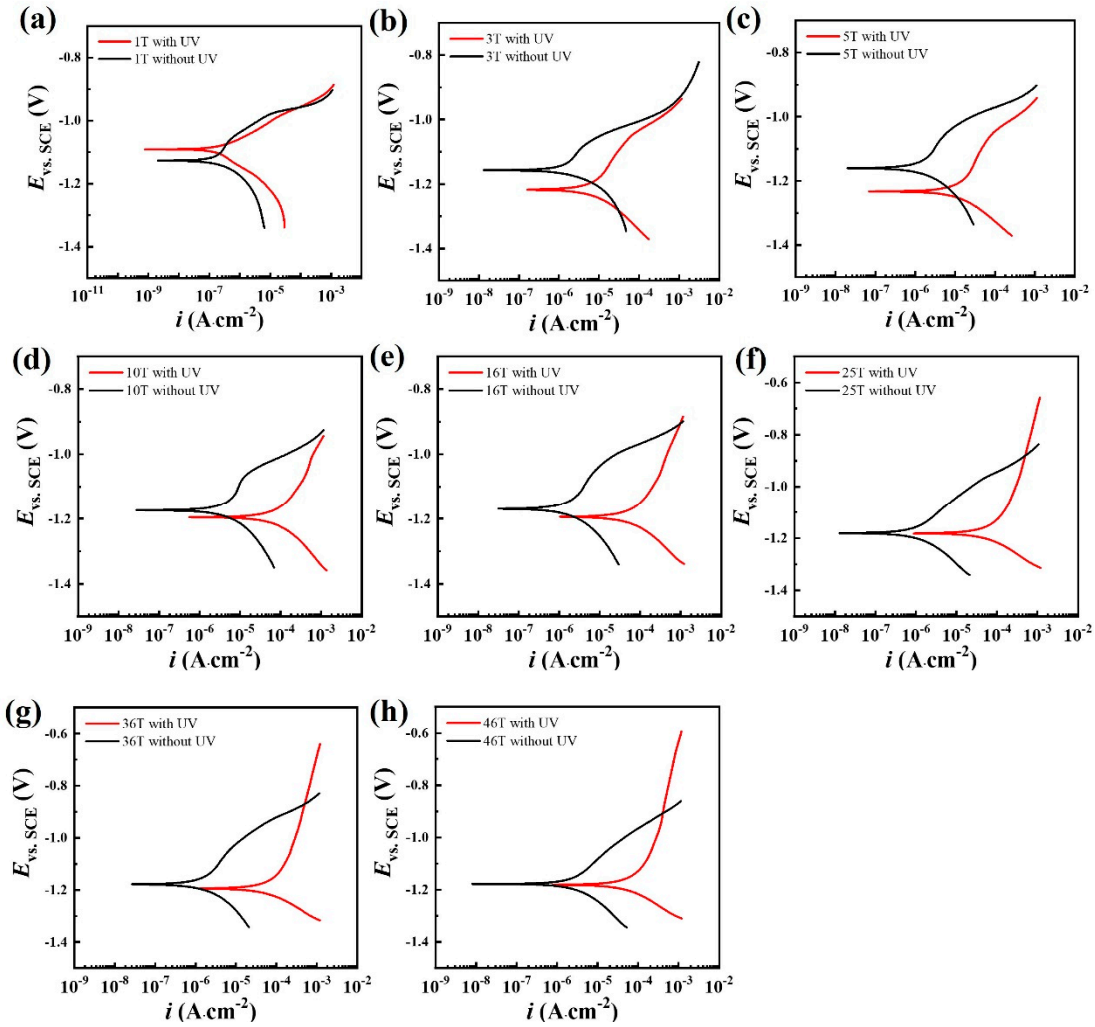


Figure S2. Polarization curves of galvanized steel with and without UV after different wet and dry corrosion cycles of corrosion in 3.5% wt.% NaCl solution (a) 1T; (b) 3T; (c) 5T; (d) 10T; (e) 16T; (f) 25T; (g) 36T; (h) 46T.

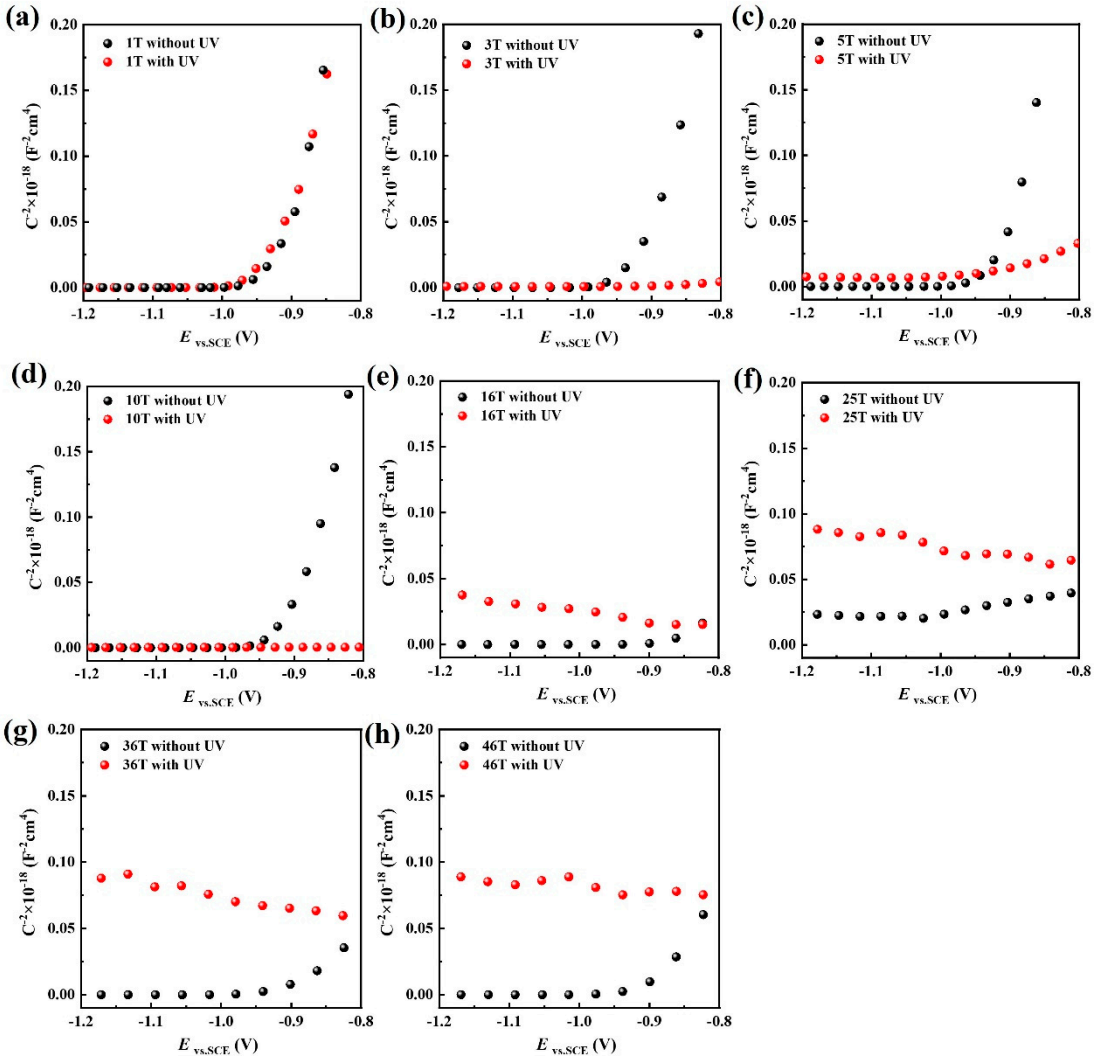


Figure S3. Mott-Schottky plots of galvanized steel with and without UV after different wet and dry corrosion cycles of corrosion in 3.5% wt.% NaCl solution (a) 1T; (b) 3T; (c) 5T; (d) 10T; (e) 16T; (f) 25T; (g) 36T; (h) 46T.