

Figure 1. XRD patterns for micro copper (upper) and nano copper_(metal) (lower) samples after oxidation for 0 (initial), 3, 7, 24, and 72 hr.

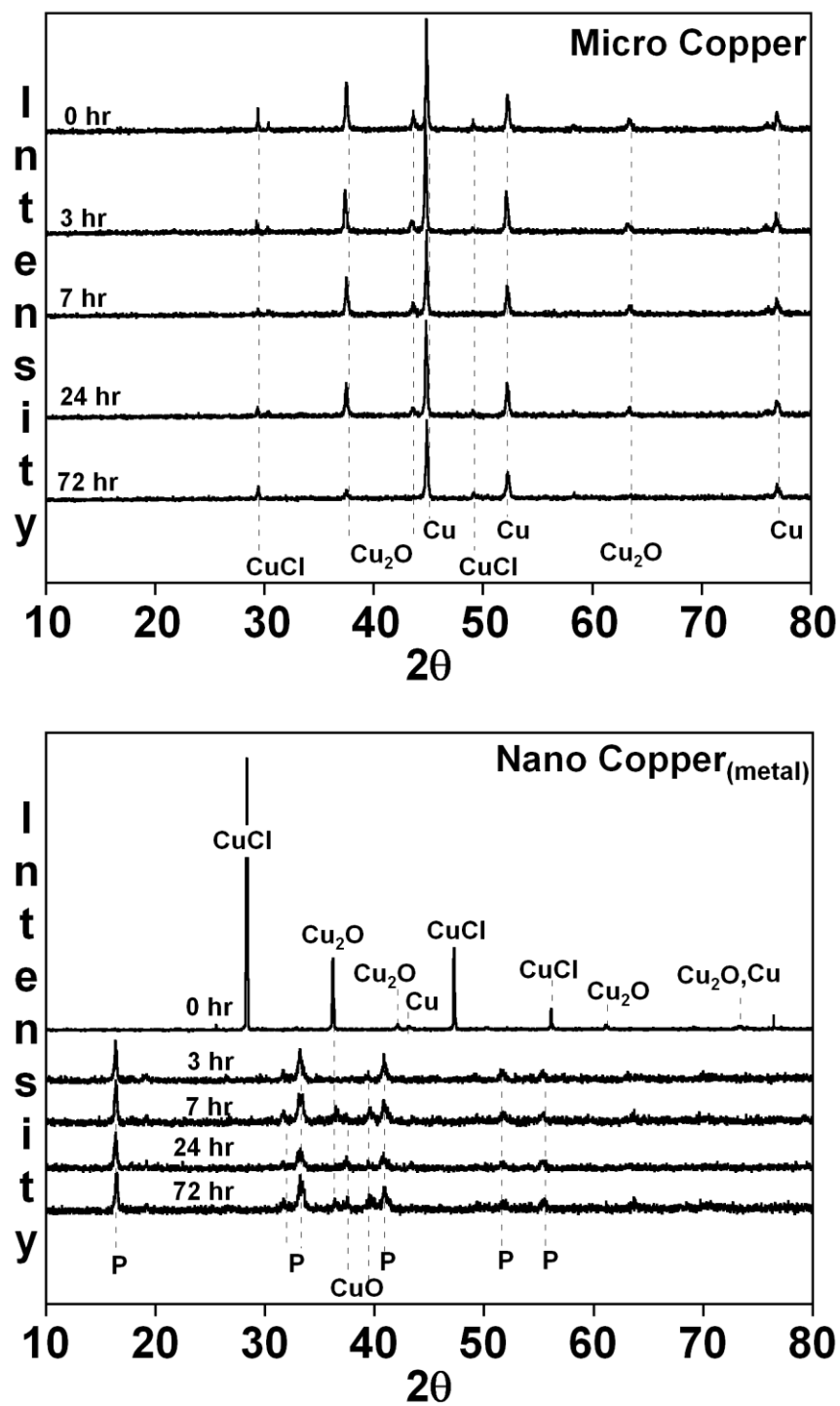


Figure 2. XRD patterns for micro copper (upper) and nano copper_(metal) (lower) samples oxidized for 0 (initial), 3, 7, 24, and 72 hr and reacted with 0.1 M HCl.