

Fig 1. Different types of connected metal phosphates in relation to the oxygen-to-phosphorus ratio (O/P), the metal-to-phosphorus ratio (M/P), the metal-to-oxygen ratio (M/O) and the valance ν of the metal atom (Henderick et al., Appl. Phys. Rev., 2022).

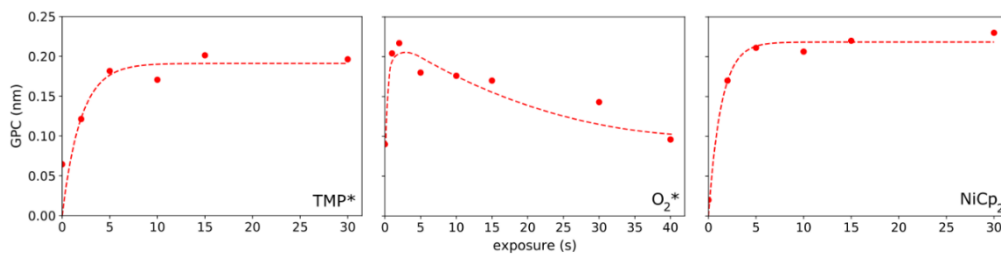


Fig 2. Saturation curves observed during the novel nickel phosphate PE-ALD process.

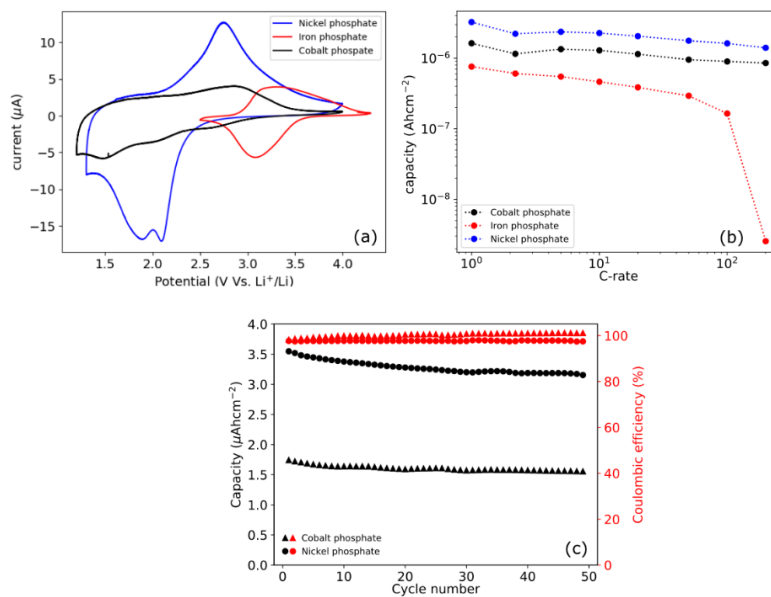


Fig 3. (a) Cyclic voltammogram of as-deposited cobalt and nickel phosphate compared to the more widely known iron phosphate, showing their electrochemical activity with (b) a good rate capability and (c) a reasonable cycle life.