Electronic Supplementary Information (ESI)

Calculation

The specific capacitance of an electrode during galvanostatic charge/discharge can be calculated by the following equation:

\[
C = \frac{i \cdot \Delta t}{m \cdot \Delta V}
\]

(1)

Where \( m \) is the mass of activated materials (g), \( \Delta V \) is the range of charge/discharge (V), and \( i \) is the discharge current (A) applied for time \( \Delta t \) (s).
ESI Fig. 1 SEM images of the product obtained: 0.28 g cobalt chloride and 0.30 g sodium pyrophosphate were mixed with 20 mL deionized water, maintained at 200 °C for different times. (a, b) 24 hours; (c, d) 72 hours; (e, f) 6 days; (g, h) 10 days.
ESI Fig. 2 Brunauer–Emmett–Teller measurements of \( \text{Co}_{11}(\text{HPO}_3)_8(\text{OH})_6 \) microarchitectures; in inset of it corresponding Barrett–Joyner–Halenda pore size distribution curve.

ESI Fig. 3 Ragone plot of the estimated specific energy and specific power at various charge/discharge rates.

Reference