

Electronic Supplementary Information for

**Synthesis of robust hierarchically porous zirconium phosphate monolith
for efficient ion adsorption**

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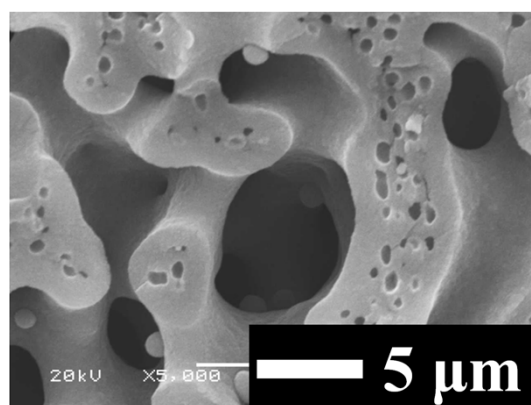


Figure SI1 SEM image of ZrP-0.065-0.23-0.55.

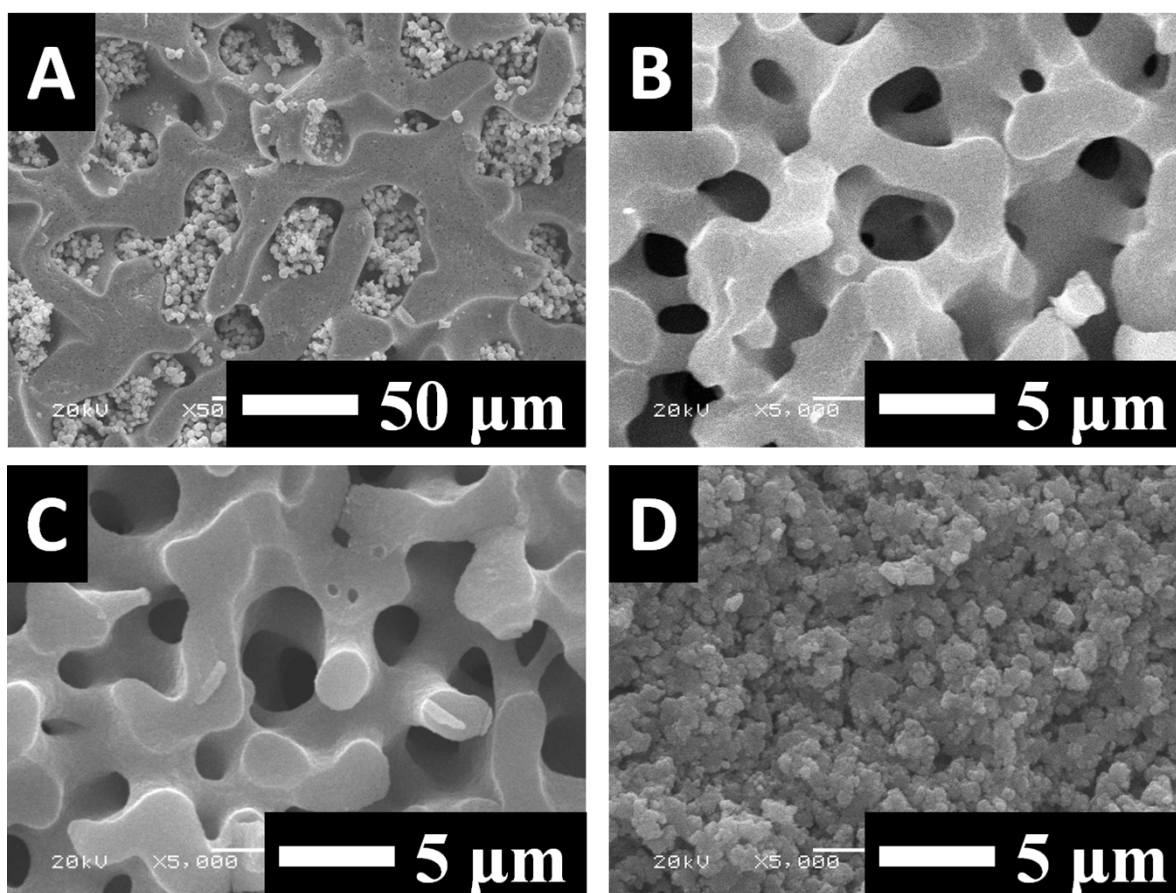


Figure SI2 SEM images of ZrP monoliths; ZrP-0.06-0.2-0.27 (A), ZrP-0.06-0.2-0.41 (B), ZrP-0.06-0.2-0.55 (C) and ZrP-0.06-0.2-1.09 (D).

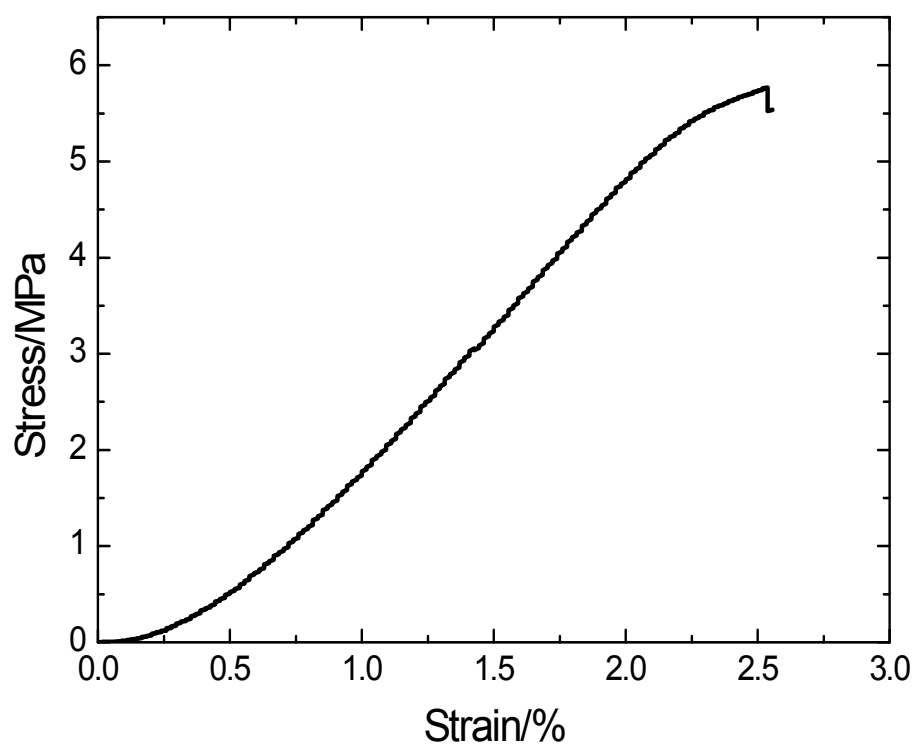


Fig. SI3 Stress-strain curve obtained from uniaxial compression test on as-synthesized ZrP monolith.

Table SI1 Details of the ZrP monolith specimen for uniaxial compression test

Diameter	Height	Weight	Bulk density	Skeletal density	Porosity
13 mm	7 mm	0.5 g	0.54 g/cm ³	2.10 g/cm ³	74 %