

**Electronic Supplementary Information**

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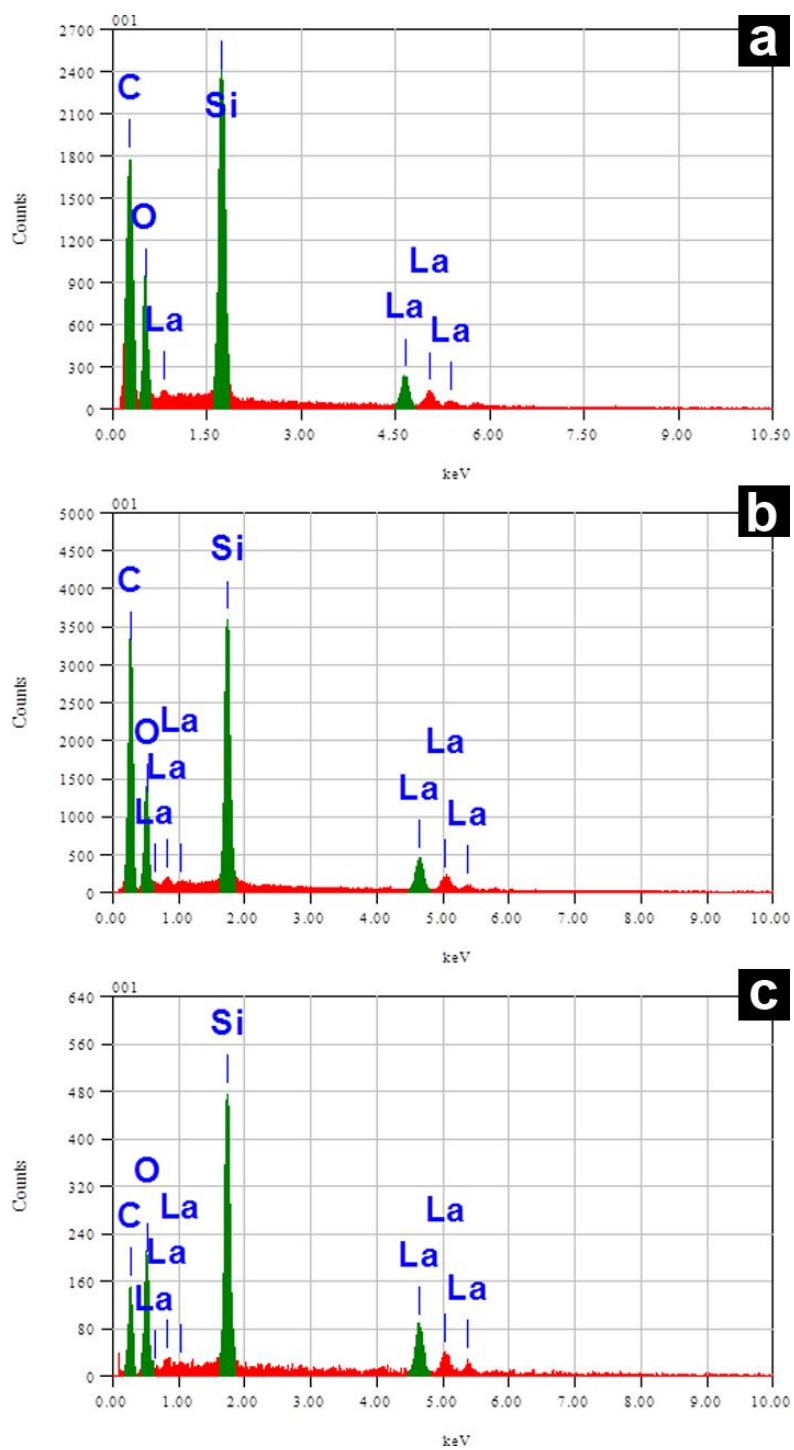
**Low-cost and Large-scale Synthesis of Functional Porous Materials for  
Phosphate Removal with High Performance**

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Yu\**

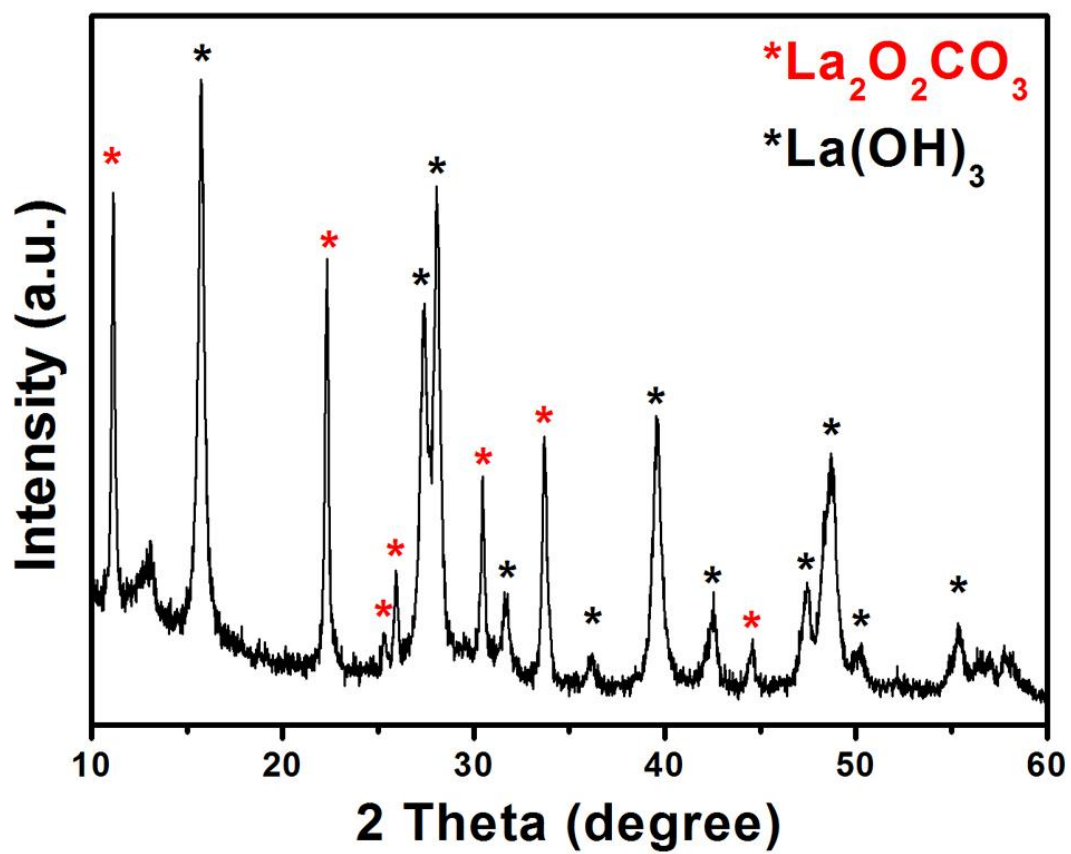
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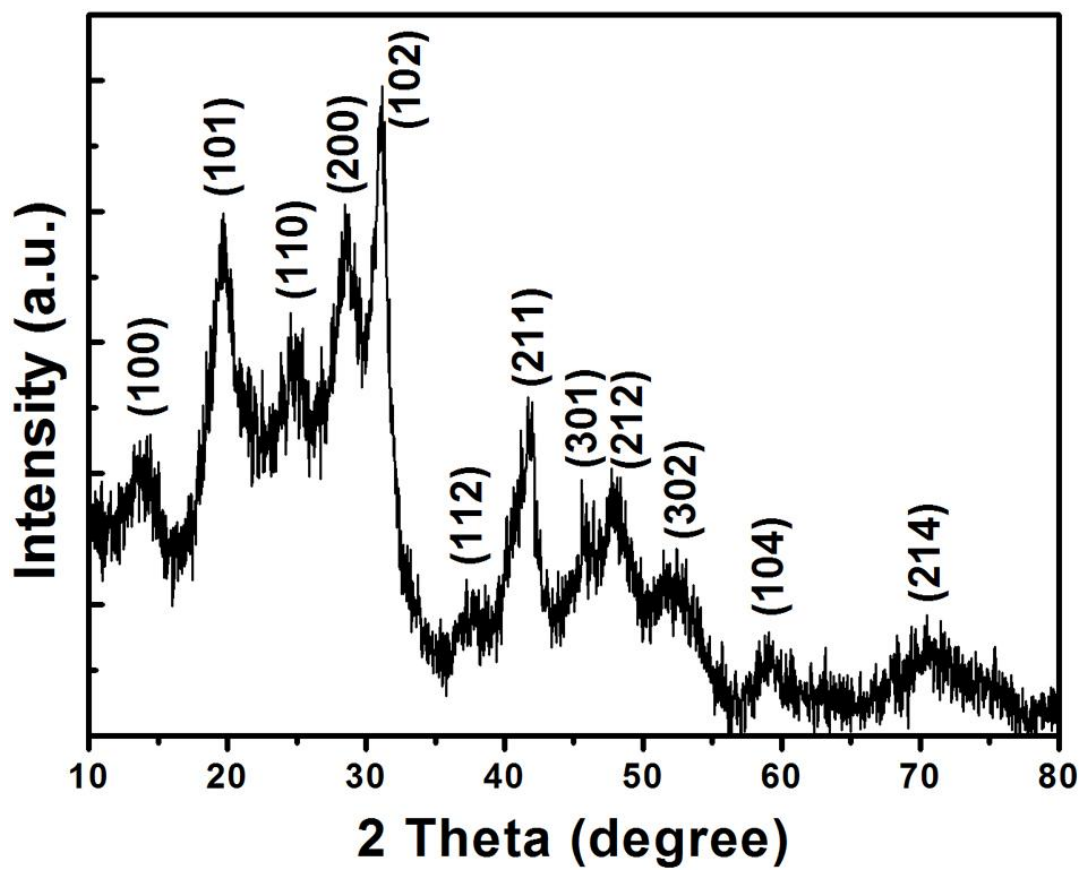
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**Figure S1.** EDS patterns of La<sub>100</sub>-A (a), La<sub>150</sub>-A (b), and La<sub>200</sub>-A (c).



**Figure S2.** XRD pattern of  $\text{La}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$  after calcination in air at 550 °C for 5 h.



**Figure S3.** XRD pattern of La<sub>150</sub>-A after phosphate adsorption.