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Highly efficient and environmentally friendly microwave-assisted hydrothermal rapid synthesis of ultralong hydroxyapatite nanowires

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Abstract

Ultralong hydroxyapatite nanowires possess many striking advantages such as high biocompatibility, high flexibility, excellent mechanical properties, high thermal stability, and excellent fire resistance, thus, are promising for applications in various fields. However, the highly efficient, low-cost, and environmentally friendly synthesis of ultralong hydroxyapatite nanowires remains a great challenge. Herein, we report a

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