



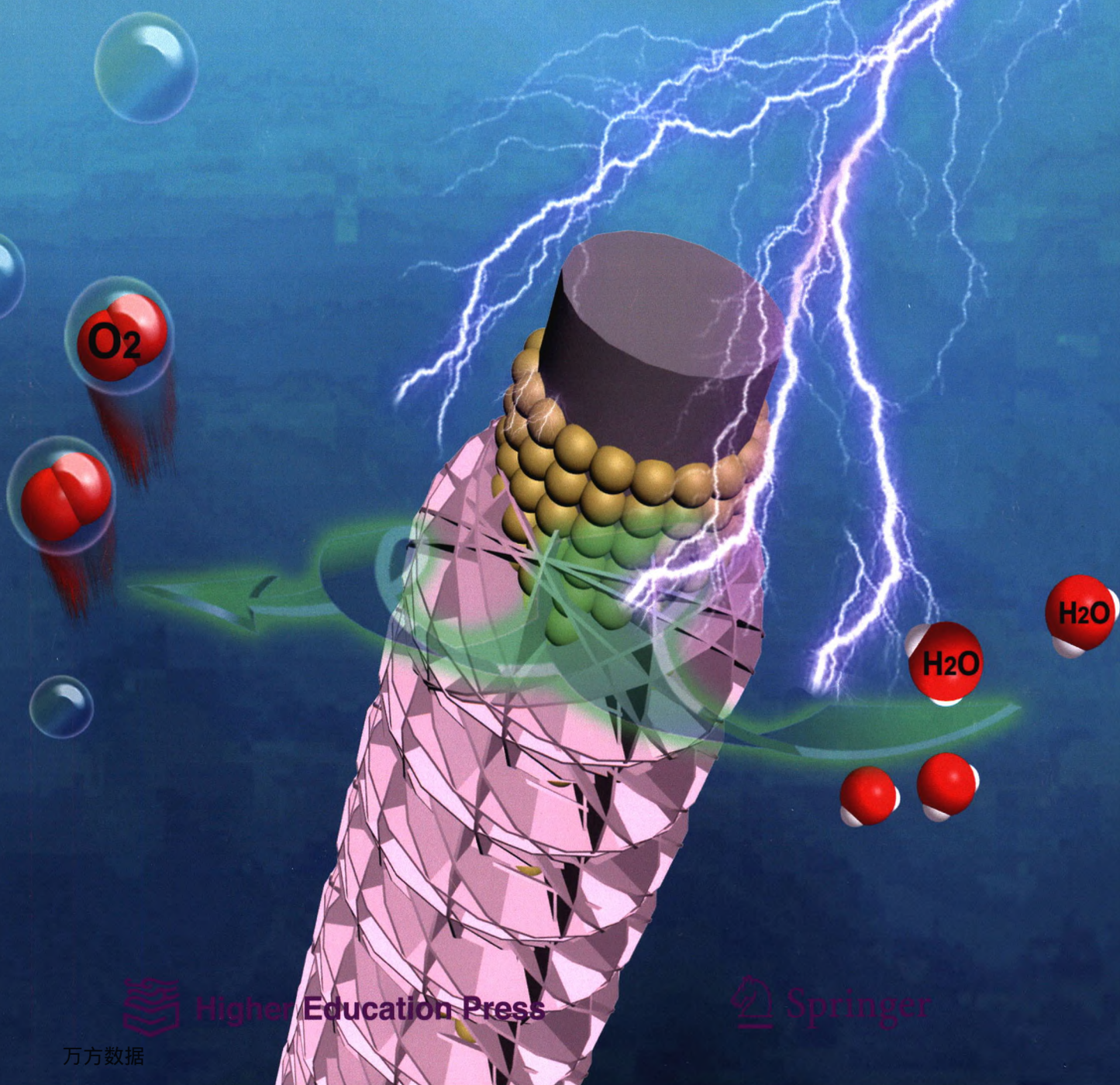
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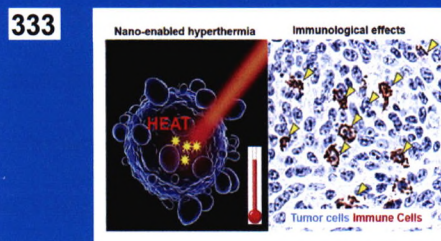
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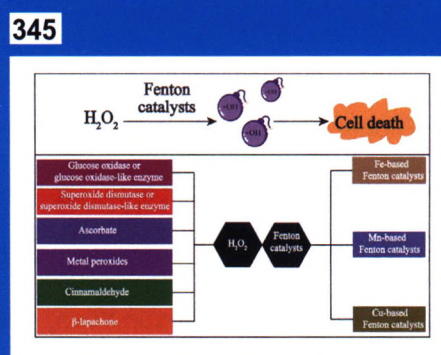
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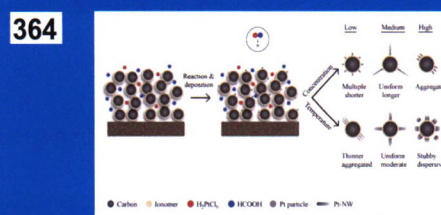
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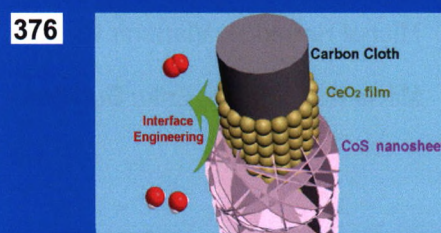
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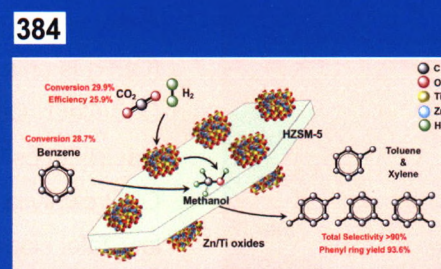
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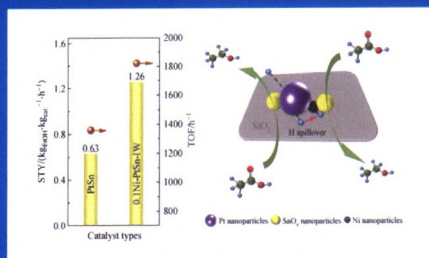
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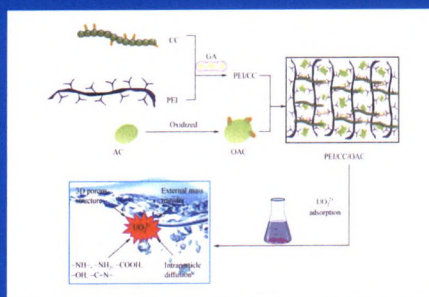
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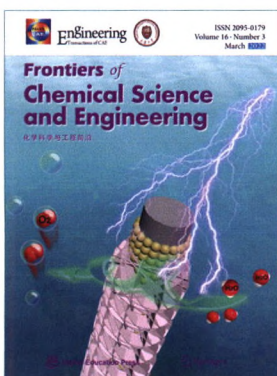
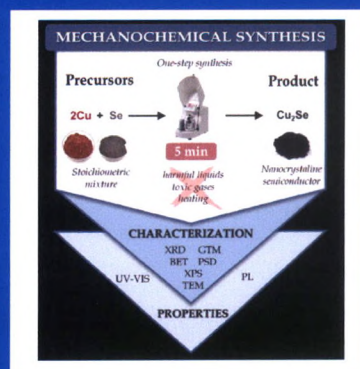
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COVER

Rational design of highly efficient electrocatalysts for oxygen evolution reaction (OER) is critical for sustainable energy conversion. Herein, a novel bijunction CoS/CeO₂ OER electrocatalyst grown on carbon cloth is prepared through electrodeposition. Such a CoS/CeO₂/CC electrocatalyst exhibits outstanding OER catalytic activity with a low overpotential of 311 mV at 10 mA·cm⁻² and a low Tafel slope of 76.2 mV·dec⁻¹. This is because the interface engineering of CoS and CeO₂ facilitates charge transfer and active sites and the rich oxygen vacancies of CeO₂ film promote the absorption of oxygen species in the medium. (Hongtao Xie, Qin Geng, Xiaoyue Liu, Jian Mao, pp. 376–383)

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