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Synthesis of highly dispersed iron species within mesoporous (Al-)SBA-15 silica as efficient heterogeneous Fenton-type catalysts

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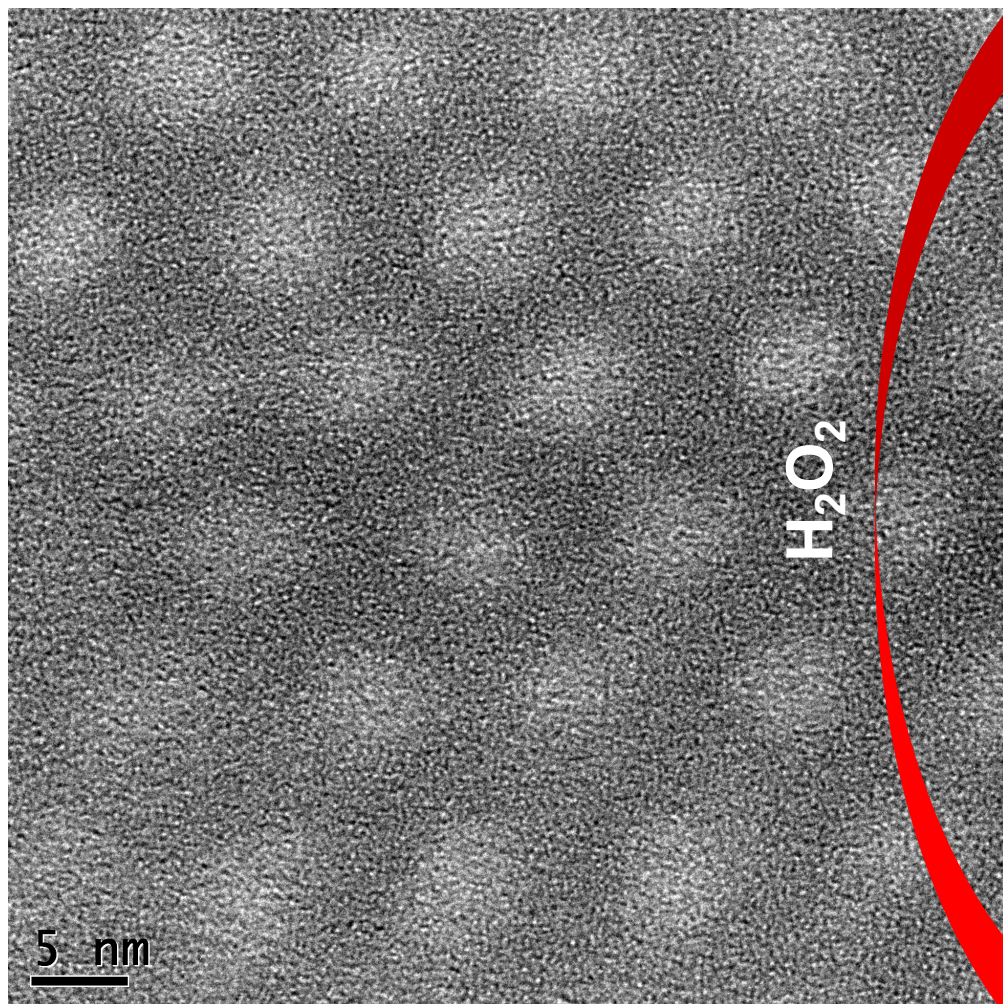
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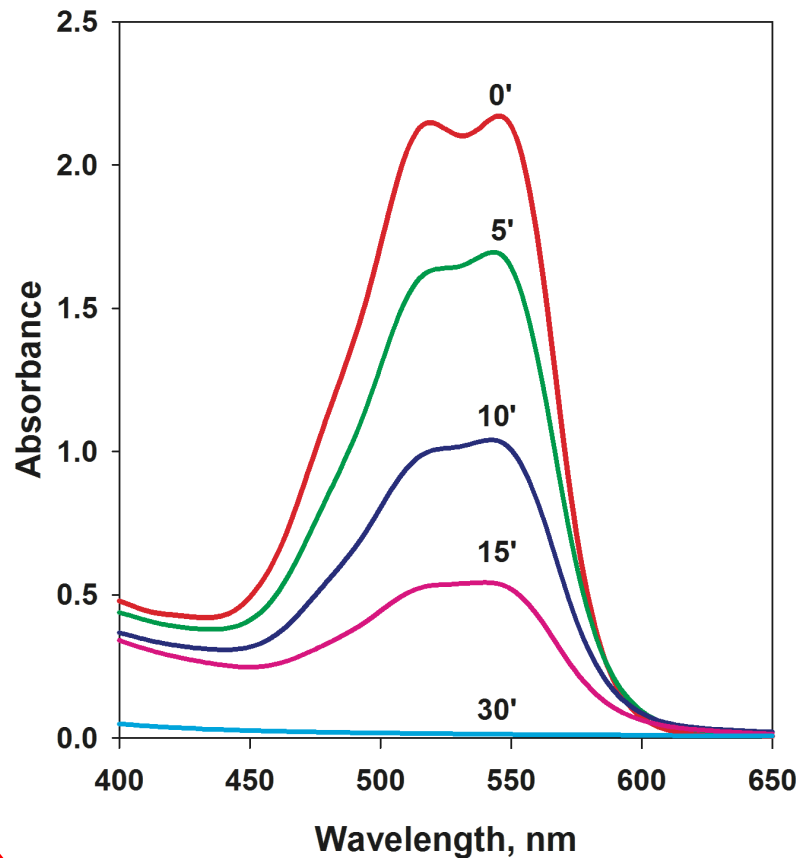
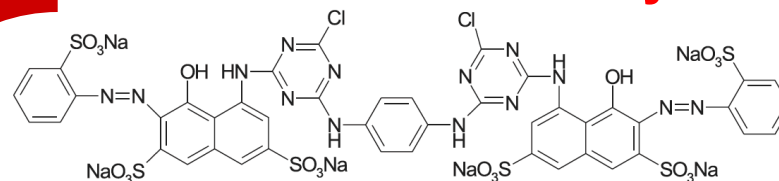
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Fe(Al)-SBA-15 by pH-adjustment



Isolated / Highly Dispersed Iron
Synergistic Effect Fe-Al

Reactive Red 120 Dye



Fast Dye Degradation
High Mineralization Level

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