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Authors: Samia Ben Hammouda, Feiping Zhao, Zahra Safaei, Deepika Lakshamy Ramasamy, Bhairavi Doshi, Mika Sillanpää

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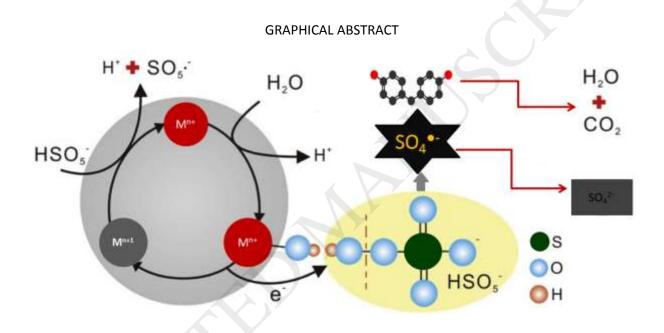
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Sulfate radical-mediated degradation and mineralization of bisphenol F in neutral medium by the novel magnetic Sr_2CoFeO_6 double perovskite oxide catalyzed peroxymonosulfate: influence of co-existing chemicals and UV irradiation

Samia Ben Hammouda ^a*, Feiping Zhao^a, Zahra Safaei^a, Deepika Lakshamy Ramasamy, Bhairavi Doshi, Mika Sillanpää ^{a,b}*

a Laboratory of Green Chemistry, School of Engineering Science, Lappeenranta University of Technology, Sammonkatu 12, FI-50130 Mikkeli, Finland

b Department of Civil and Environmental Engineering, Florida International University, Miami, FL 33174, USA



Highlights

- 1. Efficient mineralization of the new emergent compound 'Bisphenol F'
- Successful application and high stability of the Novel double magnetic perovskite oxide Sr2CoFeO6
- 3. First proposition of a mineralization pathway for Bisphenol F in aqueous medium by sulfate radicals based process
- 4. Easy and efficient process for catalyst recycling
- 5. environmental friendly method for the nanomaterials synthesis

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