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INVITED REVIEW PAPER

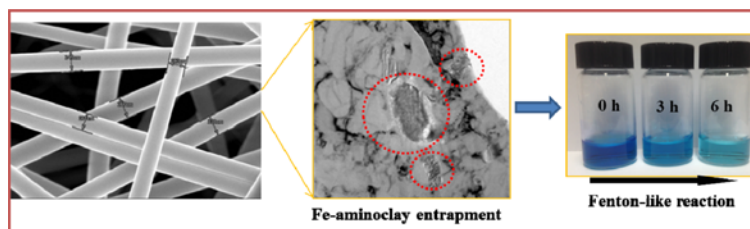
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Electrospun polyacrylonitrile nanofibers (PAN NFs) with entrapped water-soluble Fe-aminoclay (FeAC) [FeAC-PAN NFs] were prepared for the first time. Due to the Fe^{3+} source in FeAC and the improved surface hydrophilicity, the feasibility of Fenton-like reaction for decolorization of cationic model dye methylene blue (MB) under 6 hrs UV-light irradiation was established. In the presence of hydrogen peroxide (H_2O_2), our flexible FeAC-PAN NF mats can be effectively utilized in water/waste treatment and other environmental engineering applications

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POLYMER, INDUSTRIAL CHEMISTRY

- Neda Dehghan, Mohammad Ali Tavanaie, 1928 **Morphology study of nanofibers produced by extraction from polymer blend fibers using image processing**
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FLUIDIZATION, PARTICLE TECHNOLOGY

- Jong-Hun Lim, Jea-Ho Shin, Keon Bae, 1938 **Hydrodynamic characteristics of bubbles in bubbling fluidized bed with internals**
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