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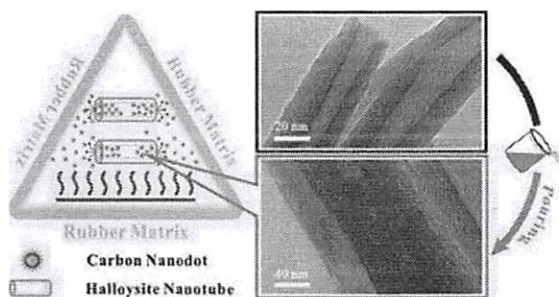
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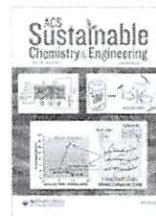
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Nanodot-Loaded Clay Nanotubes as Green and Sustained Radical Scavengers for Elastomer

Siwu Wu, Min Qiu, Baochun Guo*, Liqun Zhang, and Yun Lvov*



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Recovery of Silver from Wastewater Using a New Magnetic Photocatalytic Ion-Imprinted Polymer

Xiaocui Yin, Jian Long, Yu Xi, and Xubiao Luo

Publication Date (Web): February 6, 2017 (Research Article)

DOI: 10.1021/acssuschemeng.6b01871

Synopsis

This work demonstrates selective adsorption of Ag⁺ ions and ion reduction to elemental silver, indicating great potential in terms of feasibility and economic value.

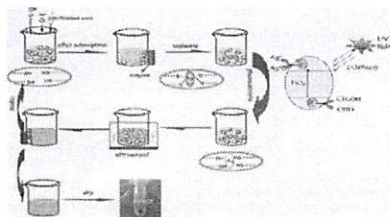


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Morphology, Surface Layer Evolution, and Structure-Dye Adsorption Relationship of Porous Fe₃O₄ MNPs Prepared by Solvothermal/Gas Generation Process

Yuanchun Mou, Hu Yang, Zhenliang Xu

Publication Date (Web): January 31, 2017 (Research Article)

DOI: 10.1021/acssuschemeng.6b02670

Synopsis

Formation mechanism of recyclable magnetic nanoparticles and their application in dye adsorption for water remedy.

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