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Author: Wei Lu Xiao Dong Lili Qiu Zequn Yan Zihui Meng
Min Xue Xuan He Xueyong Liu



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Colorimetric sensor arrays based on pattern recognition for the detection of nitroaromatic molecules

Wei Lu^a, Xiao Dong^a, Lili Qiu^{a,*}, Zequn Yan^a, Zihui Meng^{a,*}, Min Xue^a, Xuan He^b, Xueyong Liu^b

^a School of Chemical Engineering and the Environment, Beijing Institute of Technology, Beijing, 100081, P.R. China

^b Institute of Chemical Materials, China Academy of Engineering Physics, Mianyang, Sichuan, 621900, P.R. China

*Corresponding author at: School of Chemical Engineering and Engineering and Environment, Beijing Institute of Technology, Beijing, China, Phone: (8610)68913065. Fax: (8610)68913065. E-mail: m_zihui@yahoo.com (Z. Meng); qiulili@bit.edu.cn (L. Qiu)

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