

Flexible Graphene Composites for Removal of Methylene Blue Dye-contaminant from Water

J. Oliva¹, A. I. Martinez², A. I. Oliva³, C. R. Garcia⁴, A. Martinez-Luevanos¹, M. Garcia-Lobato¹, R. Ochoa-Valiente⁴ and A. Berlanga¹

¹CONACYT-Facultad de Ciencias Químicas, Universidad Autónoma de Coahuila, 25280 Saltillo, Coahuila, México

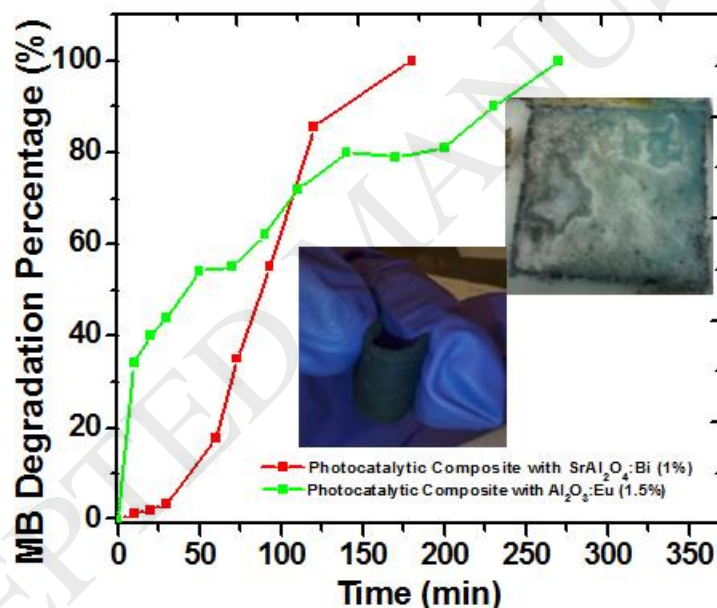
²Cinvestav Unidad Saltillo, Parque Industrial, Ramos Arizpe, Coahuila, 25900, Mexico.

³Cinvestav, Unidad Merida, Depto. de Física Aplicada, Merida, Yucatan, 97310, Mexico

⁴Facultad de Ciencias Físico-Matemáticas, Universidad Autónoma de Coahuila, 25000, Saltillo Coahuila, México.

*Corresponding Author: jroliva@conacyt.mx

GRAPHICAL ABSTRACT



HIGHLIGHTS

1. Flexible graphene composites have been fabricated using a casting method.
2. Al₂O₃:Eu³⁺ and SrAl₂O₄:Bi³⁺ catalysts powders were added in the FGCs to produce photocatalytic degradation of mehtylene blue (MB) dye.
3. The MB dye was completely removed by physical adsorption and by photocatalysis.

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