

Publicaciones

1. Rodriguez-Pastor, I.; Ramos-Fernandez, G.; Varela-Rizo, H.; Terrones, M.; Martin-Gullon, I., Towards the understanding of the graphene oxide structure: How to control the formation of humic-and fulvic-like oxidized debris. *Carbon* 2015, 84, (1), 299-309.

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2. Arnaiz, N.; Gomez-Rico, M. F.; Martin Gullon, I.; Font, R., Production of carbon nanotubes from polyethylene pyrolysis gas and effect of temperature. *Industrial and Engineering Chemistry Research* 2013, 52, (42), 14847-14854.

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3. Varela-Rizo, H.; Rodriguez-Pastor, I.; Martin-Gullon, I., Effect of solvent nature in casting-based carbon nanofiber/poly(methyl- methacrylate) nanocomposites. *Journal of Applied Polymer Science* 2012, 125, (4), 3228-3238.

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4. Varela-Rizo, H.; Montes de Oca, G.; Rodriguez-Pastor, I.; Monti, M.; Terenzi, A.; Martin-Gullon, I., Analysis of the electrical and rheological behavior of different processed CNF/PMMA nanocomposites. *Composites Science and Technology* 2012, 72, (2), 218-224.

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5. Varela-Rizo, H.; Martín-Gullón, I.; Terrones, M., Hybrid films with graphene oxide and metal nanoparticles could now replace indium tin oxide. *ACS Nano* 2012, 6, (6), 4565-4572.

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7. Rodriguez-Pastor, I.; Varela-Rizo, H.; Bortz, D. R.; Montes De Oca, G.; Guinea, I.; Martin-Gullon, I., Effects of processing and functionalization methods on nylon-6,6 nanocomposites with Helical-ribbon carbon nanofibers. *Journal of Applied Polymer Science* 2012, 126, (4), 1437-1448.

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8. Bortz, D. R.; Merino, C.; Martin-Gullon, I., Augmented fatigue performance and constant life diagrams of hierarchical carbon fiber/nanofiber epoxy composites. *Composites Science and Technology* 2012, 72, (3), 446-452.

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9. Bortz, D. R.; Heras, E. G.; Martin-Gullon, I., Impressive fatigue life and fracture toughness improvements in graphene oxide/epoxy composites. *Macromolecules* 2012, 45, (1), 238-245.

<http://pubs.acs.org/doi/abs/10.1021/ma201563k>

10. Varela-Rizo, H.; Rodriguez-Pastor, I.; Merino, C.; Terrones, M.; Martin-Gullon, I., Graphene oxide nanoplatelets of different crystallinity synthesized from helical-ribbon carbon nanofibers and multiwall carbon nanotubes. *Journal of Materials Research* 2011, 26, (20), 2632-2641.

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