

The book focuses on the real-world practical applications of graphitic nanofibers. A short introduction explores carbonaceous nanomaterials, their unique characteristics and properties, followed by a focused look at practical, economically viable applications of graphitic nanofibers. Application categories covered include: As catalysts – As drilling fluid additives – As water treatment/desalination media – As wastewater treatment media – As an energy generation tool – As agricultural nutrient delivery media – As polymer Additives – As starting material for graphene oxide synthesis– As gas treatment media – As heat exchanger enhancements – As dehumidification enhancers – As lubricant additives – As ceramic composites –As rubber additives. Many of the applications, manufacturing techniques and synthesis methods such as graphene oxide are from my own experience and patents. Some are from literature review, and some are highly promising in my personal view, with technical justifications for that view.

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