



Applications of Fullerene Material

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Message from the Guest Editor

Endohedral fullerenes are expected to be applied in a wide range of fields, such as electronic devices, energy, environment, and medical care, owing to their unique properties. Endohedral fullerenes have always accompanied next-generation technology, as can be seen from their functionality at atomic or molecular levels using their nano-space. Many types of metal-encapsulated fullerenes are made in a variety of ways and have already been, applied including those in the realms of energy/environment, electronics/mechanics, bio/food, and medical treatment. In endohedral metallofullerenes, electron transfer occurs from the encapsulated species to fullerenes, so physical characteristics, functions, and reactivity different from those of empty fullerenes are expected. From the viewpoint of crystallography and engineering applications, it is extremely important to elucidate the exact molecular structure of endohedral metallofullerenes. Targeting all kinds of endohedral fullerenes, we accept a wide range of papers related to structure determination and application of endohedral fullerenes, please submit the latest research results.





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Message from the Editor-in-Chief

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