

Special Issue

Novel Advancements towards Nanocomposite Synthesis and Their Potential Application in Photocatalysis

Message from the Guest Editors

Previously, ZnO- or TiO₂-based nanomaterials and iron-oxide-based nanomaterials were studied, among others. However, some novel nanocomposites such as doped metal-oxide-based nanocomposites, doped polymer nanocomposites, and graphene-based nanocomposites have recently attracted a great deal of interest due to their unique physical-chemical properties. Furthermore, several advancements have been made regarding their synthesis methods.

However, more efforts are still required to improve and tailor the properties of nanocomposites; low cost as well as clean systems (e.g., green synthesis methods) should be the focus of work moving forward. For this Special Issue, we invite investigators to submit their original research articles and reviews based on the novel achievements of these nanocomposites in the field of photocatalysis (degradation of pollutants, intermediate product studies).

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)



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