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Novel Applications of Nanomaterials

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Message from the Guest Editors

Nanomaterials are one of the significant topics regarding the rise of nanotechnology. Understanding nanomaterials is becoming increasingly crucial as it generates plausible new solutions to current problems or simply improves our lives. Due to the different chemical and physical properties at the nano-scale, nanomaterials can be applied to a myriad of research fields or industries, such as medicine, electronics, cosmetics, textiles, agriculture, and the environment. For example, the most common applications within the medical field are drug delivery, pharmaceutical design, and resolution imaging. Furthermore, using nanomaterials in textiles has improved the creation of products that will protect from ultraviolet rays, odor absorption, and water resistance or make the material lighter. Moreover, in the agricultural industry, the goal has primarily included the protection of the plant and soil, using improved pesticides or fertilizers. Thus, this Special Issue seeks the novel applications demonstrated in comprehensive articles on nanomaterials.





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Message from the Editor-in-Chief

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