

Special Issue

Synthesis and Applications of Photoactive Molecules and Photovoltaic Materials

Message from the Guest Editors

This Special Issue, "Synthesis and Applications of Photoactive Molecules and Photovoltaic Materials", presents a wide-ranging exploration of innovative research in the fields of photoactive materials and photovoltaics. This collection of articles highlights advances in designing and synthesizing novel photoactive molecules. Moreover, this Special Issue delves into the versatile applications of photoactive molecules in photocatalysis, energy conversion, and environmental remediation. Advanced characterization techniques are discussed as essential tools for material optimization. From energy harvesting to optical devices and sensors, this Special Issue reveals the myriad applications of these materials in emerging technologies. In summary, it offers a comprehensive snapshot of the latest developments in photoactive materials, with implications for renewable energy and advanced technologies. The synthesis, property characterization and application of materials should focus on biological, materials, or molecular research.

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