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Photocatalysis: Applications and Design of Hybrid and Multicomponent Materials

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Message from the Guest Editors

The Special Issue will be dedicated to highlighting current progress made in computational and experimental methods toward the design of hybrid and multicomponent materials (Ms), essential or promising to increase consumption of renewable energy by enhancing photocatalytic properties in solar-to-chemical energy conversion (H_2 generation via water splitting and CO_2 photoconversion) and organic compound oxidation (sustainable-by-design). The Special Issue will also be dedicated to providing a computational and experimental methodology developed to understand the relationship between structure and properties better to establish its control by proper structure manipulation at the early stage of product design.



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Special Issue