
Advances in Photocatalysis

Call for Papers

Photocatalysis is the acceleration of a photoreaction in the presence of a catalyst. In catalysed photolysis, light is absorbed by an adsorbed substrate. In photogenerated catalysis, the photocatalytic activity (PCA) depends on the ability of the catalyst to create electron-hole pairs, which generate free radicals able to undergo secondary reactions. Its practical application was made possible by the discovery of water electrolysis by means of titanium dioxide. As problems of environmental pollution and energy sources become more and more concerned by people all over the world, photocatalysis, which may supply approaches to solve these intractable issues, is definitely a revolution.

However, although the prospects of photocatalysis are attractive, there are few applications in actual life at present. Therefore, further studies on photocatalysis are necessary. This special issue aims at providing a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **advances in photocatalysis**.

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal at [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Advances in Photocatalysis**” should be chosen during your submission.

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