



nanomaterials



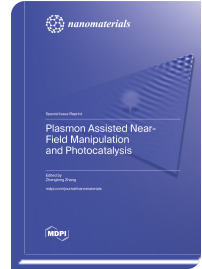
Special Issue Reprint

Plasmon Assisted Near-Field Manipulation and Photocatalysis

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Edited by
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As a new class of photocatalysts, plasmonic noble metal nanoparticles with the unique ability to harvest light energy across the entire visible spectrum and produce effective energy conversion have been explored as a promising pathway for the energy crisis. This reprint focuses on the fundamental and applied research on plasmon-assisted near-field manipulation and plasmonic photocatalysis. The developments and advances related to the clear understanding of near-field manipulation and photocatalysis on both molecules and materials are presented in this reprint.



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