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Sommario/riassunto

The Special Topic Volume is a result from the contribution of forty-one experts from the international scientific community in the respective field of research. It thoroughly covers recent work done in the area of photocatalysis. In recent year a boosting interest in the exploration of renewable energy sources and environmental abatement attracted the promises of photocatalysis particularly in hydrogen production by water splitting, storage of solar energy in sustainable chemical fuels, decomposition and removal of environmental pollutants and disinfection of water. Current environmental conce