

# Special Issue

## Perovskite Photocatalysts

### Message from the Guest Editors

Semiconductor photocatalysis is a potential means of clean energy production and environmental remediation. Perovskite materials have been studied for decades as semiconductor photocatalysts. Recent advancements in materials chemistry have expanded the availability of perovskite materials from traditional metal oxides to non-oxides, which include mixed anion compounds and organic-inorganic hybrids toward efficient utilization of visible light—the main component of the solar spectrum. The performance of perovskite-related photocatalysts can be improved in different ways, for example, through morphological control of the photocatalyst and band-engineering by compositional control. As such, perovskite photocatalysts have attracted considerable attention in many areas including inorganic chemistry, catalysis, materials science, photochemistry, and so on. This Special Issue will collect research and review contributions that focus on recent progress in perovskite-related photocatalysts.

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### Deadline for manuscript submissions

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