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Research on Single-Atom Catalysts

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Message from the Guest Editors

Dear Colleagues,

Single-atom catalysts (SACs), with maximum atom utilization and unique electronic and geometric properties, have gained significant attention. These catalysts exhibit superior catalytic properties, such as high activity and selectivity, increased stability, and the ability to tune reactivity through precise control at the atomic level.

This Special Issue aims to gather the latest advances in the field of SACs, addressing the synthesis, characterization, and application of SACs in diverse fields, including energy conversion and storage, environmental remediation, and fine chemical synthesis. We welcome original research articles and reviews that provide valuable insights into the development, understanding, and application of SACs.

We anticipate receiving your submissions and thank you for your valuable contributions in advance.

Dr. Xiaohui He

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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