About the cover:

China pledges to peak its CO_2 emissions before 2030 and achieve carbon neutrality before 2060. This grand endeavor embodies the national commitment to exploring a green, low-carbon, high-quality development path by enlarging the capacity to harvest clean energy from nature, building a green circular economy, lowering CO_2 emissions, and boosting ecosystems' carbon sink. This current issue highlights carbon policy studies concerning building low-carbon development and a green circular economy.

Credit: Cover designed by YUAN Miao based on image created by Gerd Altmann from Pixabay.

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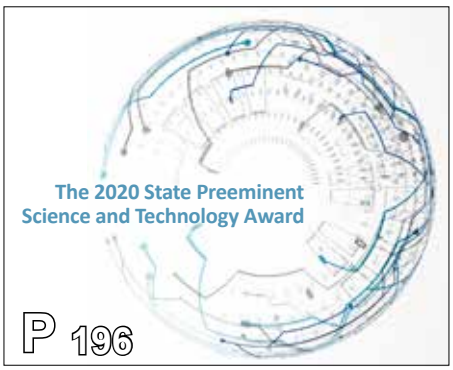
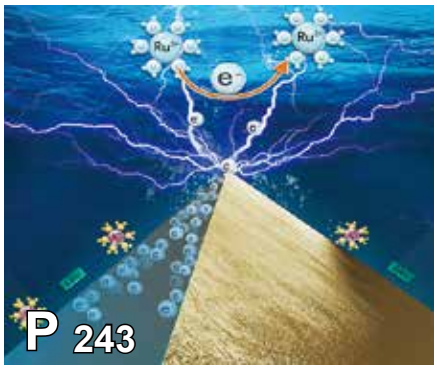
Contents



The 2020 State Preeminent Science and Technology Award goes to two CAS Members, in recognition of their respective distinguished contributions to the development of aerodynamics and nuclear energy in China.

Scientists and policy experts at the Chinese Academy of Sciences suggest a policy system for low-carbon development aimed at carbon neutrality by 2060.

China is facing with a dual challenge to achieve carbon neutrality without hindering its economic development, which makes necessary a transition to green, low-carbon development, and circular economy. Now a research group proposes a comprehensive solution for this complicated transformation and a circular economy.



CAS scientists from the Dalian Institute of Chemical Physics (DICP) capture the electron transfer imaging in the electrocatalysis process. (Image by DICP)

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Life Sciences

Earth Sciences