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His research activities focus on carbon nanotubes, graphene, other 2D materials, energy storage materials, photocatalytic materials, and bulk carbon materials. ...

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It has unique thermal and electrical conductivity, which can also be applied in different fields, such as energy storage, composite materials, and the catalysis industry [38, 39].

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Prof. Hui-Ming Cheng is the director of the Institute of Technology for Carbon Neutrality, Shenzhen Institute of Advanced Technology, CAS, and the honorary dean of Faculty of ...

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Hui-Ming has been working on advanced materials and devices for electronics, energy production and storage. His start-up companies produce and sell graphene and hexagonal boron nitride ...

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ORCID record for Hui-Ming Cheng. ORCID provides an identifier for individuals to use with their name as they engage in research, scholarship, and innovation activities.

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His research activities focus on carbon nanotubes, graphene, other 2D materials, energy storage materials, photocatalytic materials, and bulk carbon materials. He has published over 800 ...

Because carbon materials are traditionally important components in energy storage devices, we have devoted great effort to the development of carbon materials for electrochemical energy ...