

## Prof. Meng Ni wrote an invited commentary perspective in *Science* on fuel cells

Invited by *Science*, Prof. Meng Ni (BRE, PolyU) and Prof. Zongping Shao (Nanjing Tech University, China and Curtin University, Australia) published a commentary perspective article entitled “Fuel Cells that Operate at 300° – 500°C”.

In this perspective, Prof. Ni and Prof. Shao technically commented a Science paper on fuel cells. They appraised the new contributions of the Science paper regarding the proposed new mechanism for proton conduction. They also pointed out the limitations of the Science paper for future improvement. In addition, they discussed the future of protonic ceramic fuel cells (PCFCs) working at 300° – 500°C and the applications of protonic conductors in electrochemical water-splitting for hydrogen production and electrochemical ammonia synthesis.

The details of the commentary perspective can be found at:

<https://science.sciencemag.org/content/369/6500/138>



Prof. Meng Ni is currently a Professor and Associate Head (Research) of Department of Building and Real Estate of The Hong Kong Polytechnic University. He is a Humboldt Fellow (Germany). His research focuses on high temperature fuel cells, rechargeable metal-air batteries, flow batteries, novel electrochemical cells for low-grade heat harvesting, and energy materials. He is serving as a **Senior Editor** for *Sustainable Energy Technologies and Assessments*: <https://www.journals.elsevier.com/sustainable-energy-technologies-and-assessments> (Elsevier) and a former Associate Editor for Science Bulletin (Elsevier). Recently, he was invited to be an **Associate Editor** for *International Journal of Green Energy*: <https://www.tandfonline.com/toc/ijge20/current> (Taylor & Francis) and *International Journal of Energy Research*: <https://onlinelibrary.wiley.com/journal/1099114x> (Wiley). He is also one of the founding editor of *Energy and AI*: <https://www.journals.elsevier.com/energy-and-ai/> (Elsevier).

For more details about Prof. Ni, please visit:

<http://www.bre.polyu.edu.hk/staff/bsmengni/index.htm>