韩东麟

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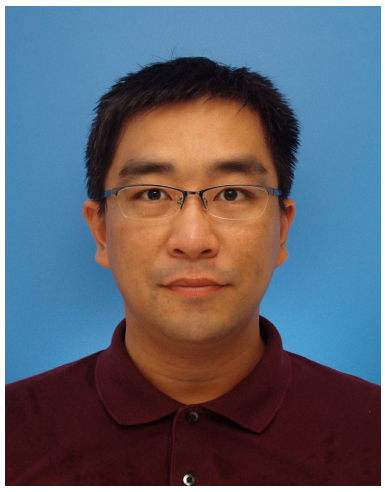

苏州大学能源学院特聘教授。本科及硕士毕业于清华大学机械工程系，2011年9月毕业于日本京都大学材料科学与工程系，获工学博士学位。毕业后先后担任京都大学材料科学与工程系的特定研究员、特定助教，并于2015年4月晋升特定副教授。2019年9月加入苏州大学能源学院。长年从事质子传导性陶瓷材料的基础物性及应用研究，回国前主持过1项日本学术振兴机构（JSPS）的青年研究者（若手）科研费项目，以及2项日本企业财团的助成金项目，并参与多项NEDO及日本企业的合作项目。在Advanced Materials，Journal of Materials Chemistry A，Chemsuschem等期刊上发表论文30余篇。

主要研究方向：

掺杂锆酸钡（$BaZrO_3$）的基础物性研究及性能优化

以掺杂锆酸钡为电解质的电化学器件的研发，包括燃料电池、高温电解水蒸气制氢等

新型质子传导陶瓷材料的开发

代表性论文：

Donglin HAN*, Tetsuya UDA*, Correlation between Phase Behavior and Electrical Conductivity of 10% Y-Doped $BaZrO_3$: An Anomalous Dispersion Effect-Aided Synchrotron Radiation XRD Study Combined with TEM Observation and Electrochemical Analysis, ***ACS Applied Materials & Interfaces***, **11**(4), 3990-4000, 2019.

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Donglin HAN, Tetsuya UDA*, Yoshitaro NOSE, Toshihiro OKAJIMA, Hidenobu MURATA, Isao TANAKA, Kozo SHINODA, Tetravalent Dysprosium in a Perovskite-type Oxide, ***Advanced Materials,*** **24**(15), 2051-2053, 2012.