

MgB₂ and Fe-based superconducting wires

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Yanwei Ma received his PhD degree from Tsinghua University in 1996 and then worked as a post-doctoral fellow at University of Science and Technology Beijing (USTB). Following research associate positions at Institute for Materials Research, Tohoku University (Sendai, Japan), National Institute for Materials Science (Tsukuba, Japan) and Universite de Rennes 1 (France), he joined the Institute of Electrical Engineering, Chinese Academy of Sciences in 2004 as a full-time professor. He leads a team focused on superconductivity and new energy materials. His research activities are devoted to the development of superconducting wires and nanomaterials for energy storage, and fabrication of graphene-based supercapacitors. He has received the "2019 European Society for Applied Superconductivity (ESAS) Award for Excellence in Applied Superconductivity" for outstanding contributions to the development of Fe-based wires. He has published more than 300 refereed SCI journal papers, and holds more than 70 international and Chinese innovation patents in the fields. He has given 66 invited talks at international conferences.

