

Professor HU Jingguo

College	College of Physical Science and Technology
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	1983.9-1987, 7 Department of Physics, Soochow University, Undergraduate for Physics 1987.9-1989.7 Department of Physics, Soochow University, Postgraduate for Theoretical Physics 1999.9-2002.7 Department of Physics, Nanjing University, PhD student for Theoretical Physics
Research Interests	Optical, Electrical and Magnetic Characteristics in Micro/Nano Structures and Their Applications
Selected Publications	(1)Transition metal doping activated basal-plane catalytic activity of two-dimensional 1T'-ReS ₂ for hydrogen evolution reaction: a first-principles calculation study, <i>Nanoscale</i> , 11, 10402 (2019) (2)Quantifying arbitrary-spin-wave-driven domain wall motion, the creep nature of domain wall and the mechanism for domain wall advances, <i>New J. Phys.</i> , 21, 063014 (2019) (3)Identification of few-layer ReS ₂ as photo-electro integrated catalyst for hydrogen evolution, <i>Nano Energy</i> , 48, 337 (2018) (4)Self-assembly optimization of cadmium/ molybdenum sulfide hybrids by cation coordination competition toward extraordinarily efficient photocatalytic hydrogen evolution, <i>J. Mater. Chem. A</i> , 6, 18396 (2018) (5)Direct imaging of the interaction between spin wave and transverse wall in magnetic nanostrip, <i>J. Phys.: Condens. Matter</i> 30, 325802 (2018)
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