Resume

Personal info

Name:	Jinxia Hu
birthday:	1995/11/23
Institutional:	Bordeaux University
Status:	Master's degree
profession:	Plasma physics

Contact info

National: China

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Research project

1. High energy sub-collision (main research).

2. Theoretical study on the adsorption of hydrazine ion hydrate on the surface of fullerol.

3. High-throughput calculation model, method and software development of

Academic

1. 2019 CPS conference: Actively participate in the special report of each expert, discuss related issues with teachers and classmates, and improve their communication and expression skills.

2. 2018 autumn academic conference of Chinese physics society:Participate in the project report that suits oneself and oneself are interested in and explained individual poster

Scientific research results·

JX Hu, L. Zhao, et. al, Adsorption of rare gases on pristine and doped phosphorene (SCI Zone 2: Apply surface science (in press))

Educational

2013-2017 Sichuan University of Arts and Sciences Bachelor's degree

Major courses: Quantum mechanics, Theoretical mechanics, Electromagnetics, Thermodynamics and Statistical physics,

2017-2020 Sichuan University Master

Major courses: Plasma physics, Group theory, Atomic radiation absorption theory, Atomic structure and Spectroscopy, etc.

2021-2022 Sichuan University assistant

2023-now Bordeaux University

Awards

2018-2019: CET6 and through the National computer II

2019-2020: Excellent postgraduate cadre

2021-2022: Outstanding graduate student

Self-assessment

The main research direction during the master's degree is biofunctional materials, and it is one of the main researchers in the national key research and development program the key technology and support platform for material genetic engineering.Secondly, phosphonene has a unique ultra-high surface area ratio and high chemical reactivity, and has broad application prospects for adsorption.The adsorption behavior of rare gas on doped and undoped phosphoenene systems was studied by MS software using first-principles calculation method. Basic ability to Python programming, Linux shell script batch processing, proficient in MS, Calypso, VASP and other software.