

研究資助局
Research Grants Council

RGC Research Fellow Scheme

大學教育資助委員會
University Grants Committee

RFS Awardee 2022/23



Dr Alicia Kyoung-jin AN

安京珍博士

School of Energy and Environment

City University of Hong Kong

Project Title:

Enhancing Membrane Distillation's Potential for Water Reuse and Zero Liquid Discharge: An Energy-efficient and Hypersaline-stable Membrane

RFS Awardee 2022/23



Dr Kannie Wai-yan CHAN

陳葦恩博士

Department of Biomedical Engineering

City University of Hong Kong

Project Title:

**Non-invasive CEST MRI Detects Reduced CSF Clearance in the Brain
for Early Diagnosis of Alzheimer's Disease**

RFS Awardee 2022/23



Dr Khe Foon HEW

丘琪鴻博士

Faculty of Education

The University of Hong Kong

Project Title:

Towards a Chatbot Supported Self-regulated Learning (SRL)
Recommender System in Online Learning Activities

RFS Awardee 2022/23



Dr Jianfeng LI

李劍鋒博士

Department of Geography

Hong Kong Baptist University

Project Title:

**Coupling Traditional and Non-traditional Data for Understanding
Intra-urban Hydrometeorological Extremes**

RFS Awardee 2022/23



Dr Chunhua LIU

劉春華博士

School of Energy and Environment

City University of Hong Kong

Project Title:

Development of Advanced Electric Machines and Smart Power Drives for Electric Propulsion

RFS Awardee 2022/23



Prof Yi-chun LU

盧怡君教授

*Department of Mechanical and Automation
Engineering*

The Chinese University of Hong Kong

Project Title:

**Polysulfide-based Aqueous Redox Flow Batteries with High Stability
and High-Power Density for Low-Cost and Long-Duration Energy
Storage**

RFS Awardee 2022/23



Dr Kathy Oi-lan LUI

呂愛蘭博士

Department of Chemical Pathology

The Chinese University of Hong Kong

Project Title:

Molecular Mechanisms Underlying T-cell Regulation of Vascular Disease, Repair and Regeneration

RFS Awardee 2022/23



Dr Guancong MA

馬冠聰博士

Department of Physics

Hong Kong Baptist University

Project Title:

Exceptional Topology in Non-Hermitian Systems

RFS Awardee 2022/23



Dr Moriaki YASUHARA

安原盛明博士

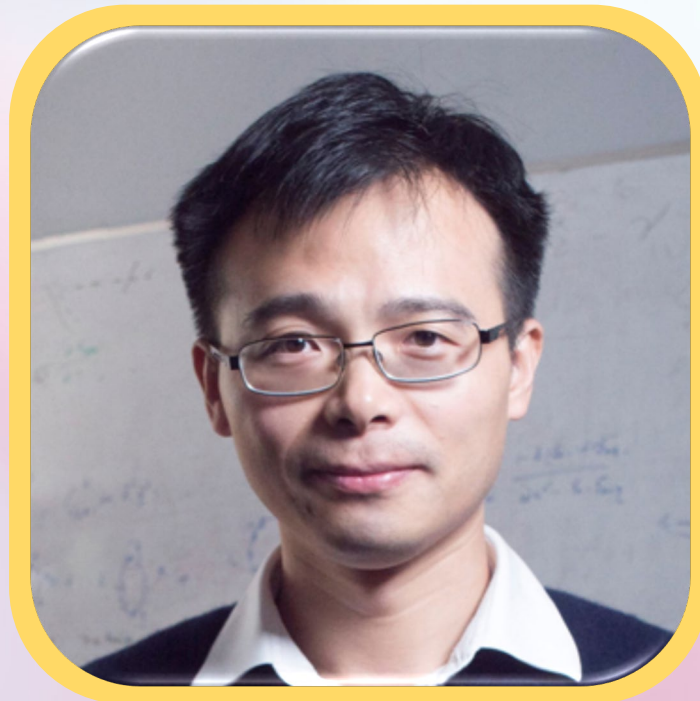
School of Biological Sciences

The University of Hong Kong

Project Title:

**Time Machine Biology and the Development of AI-based Automatic
Identifications in Hong Kong: Paleobiology to Better Understand
Biodiversity of Marine Ecosystems**

RFS Awardee 2022/23



Dr Shizhong ZHANG

張世忠博士

Department of Physics

The University of Hong Kong

Project Title:

Quantum Gases with High Partial-Wave Scattering