Assistant Professor
Macao University of Science and Technology
Faculty of Innovation Engineering
Department of Environmental Science and Engineering
Macao Environmental Research Institute

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2014-2018	Ph.D in School of Energy and Environment, City University of Hong Kong
2010-2012	MPhil in Analytical Chemistry, Baptist University of Hong Kong
2006-2010	Bachelor of Science (Honor) in Environmental Science

Climate Change

Environmental Science

Experimental of Analytical Chemistry

Water Pollution: Fate, source, pathway, transformation, degradation, and toxicity of metals and organic pollutants (PPCPs, Microplastics) in aquatic environment

Atmospheric Chemistry: source appointment, speciation, transformation and reactive oxidative potential of metals and organic compounds in size-segregated particulate matter (PM)

Analytical Chemistry: method development and validation, qualitative and quantitative analyses, chromatography and spectrometry

09/2021-present	Assistant Professor, Macao Environmental Research Institute, Macao University of Science and Technology
08/2019-08/2021	Research Fellow, Beijing Normal University-Hong Kong Baptist

University United International College

09/2018-08/2019 Postdoctoral fellow, The Hong Kong University of Science and

Technology

01/2013-08/2014 Research Assistant, City University of Hong Kong

Research Platform and Research Project from Guangdong Department of Education (2021-2023), The occurrence and distribution of antibiotics in wastewater in Pearl River Delta area. (Principal Investigator). (¥60,000)

2021-2023, 开发固体废料制备多功能吸附剂技术支持乡村经济振兴, 2020 年度广东省高校重点平台和科研项目. (Participant). (¥200,000)

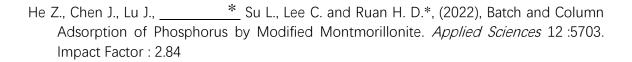
2021-2023, Modification of Montmorillonite for Fabrication of Multifunctional Adsorbent Leading to Modification of Mineral Solid Waste Material. Beijing Normal University-Hong Kong Baptist University United International College grant, (Participant). (\pm 70,000)

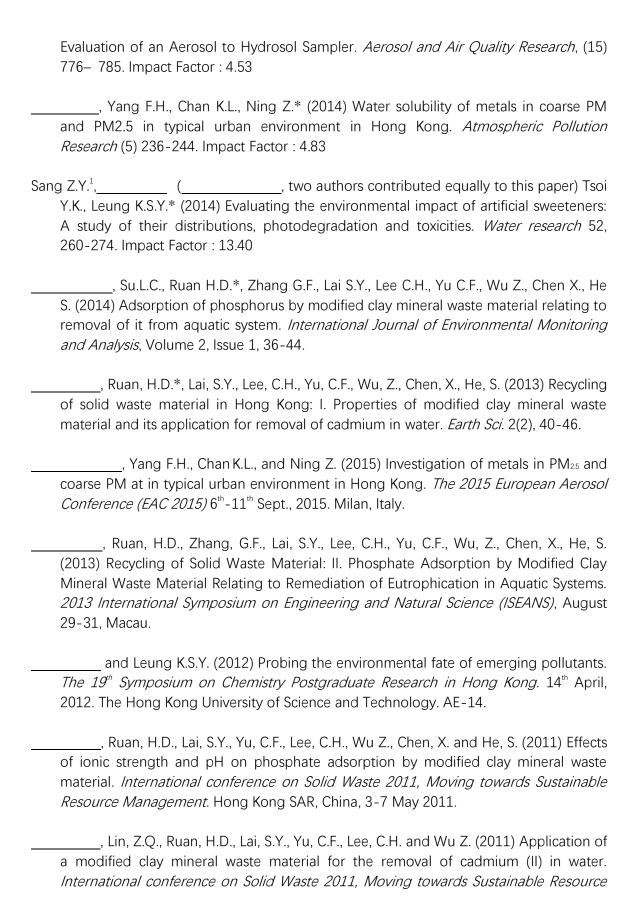
United International College Research Grant (2021-2023, Project No. R202102). "Social and non-social orienting in depressed and neurotypical individuals." (Participant). (\pm 100,000)

United International College Research Grant (2020-2022, Project No. R202011). Neurotoxic metals, brain activity, cognitive decline, and their interactions in the degenerative course of Alzheimer's disease. (Co-principal Investigator). (¥ 200,000)

Research Grant of the Council of Hong Kong SAR (GRF) (2016-2019, GRF Project No.11263216) Transformation of water soluble iron speciation in particulate matter: evidence in the atmosphere and implication on particle oxidative potential. (Co-principal Investigator). (HKD 600,000)

Research Grant of the Council of Hong Kong SAR (GRF) (Project No. HKBU 201210). Evaluating the environmental impact of artificial sweeteners: A study of their distributions, photodegradation and toxicities. (Co-principal Investigator). (HKD 800,000)





Management. Hong Kong SAR, China, 3-7 May 2011.

2016-2017	Outstanding Academic Performance
2016-2017	Research Tuition Scholarships
2015-2016	Outstanding Academic Performance
2015-2016	Research Tuition Scholarships
2014-2017	Government Funds-University Grants Committee
2010-2012	HKBU Postgraduate Research Fund
2010	Top Award of Chinese Culture in HKBU

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