

CURRICULUM VITAE

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PERSONAL INFORMATION

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RESEARCH INTERESTS

- Analysis of partial differential equations.

RESEARCH GRANTS

- January 2022 – December 2024. Principal investigator. National Natural Science Foundation of China (Grant No. 12101579). Title: Mathematical theory of global strong solutions to the ionized gas equations

REPRESENTATIVE PAPER

Yongkai Liao, Linjie Xiong and Huijiang Zhao: Large-time behavior of global solutions to the Cauchy problem of one-dimensional viscous and heat-conducting ionized gas. *Journal of Differential Equations* **372** (2023), 123–160.