



# Jian HUANG

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## Education

**From 09/2016 to 06/2020 Bachelor**

South China University of Technology      Materials Engineering(major)    Finance(minor)

❖ GPA: 3.86/4.0    1/28

**From 09/2020 to 07/2023 Master**

Peking University      Materials Physics and Chemistry

## Honors

- ❖ National Scholarship\*2
- ❖ The Dengyun Scholarship in SCUT
- ❖ Merit Student, Excellent Student Cadre, Outstanding Graduate in SCUT
- ❖ Second Prize of ShenZhen "Dream Cup" College Students Innovation and Entrepreneurship Contest
- ❖ Outstanding Scientific Research Award in PKU

## Publication

- ❖ Chao Yang<sup>1</sup>, **Jian Huang**<sup>1</sup>, Suihan Cui, et al. NaF assisted preparation and the improved corrosion resistance of high content ZnO doped plasma electrolytic oxidation coating on AZ31B alloy. Journal of Magnesium and Alloys. (received)
- ❖ Cui Sui-Han, Zuo Wei, **Huang Jian**, et al. High-efficient particle-in-cell/Monte Carlo collision model for complex solution domain and the simulation of anode layer ion source. Acta Phys. Sin. (received)
- ❖ Chao Yang, Hu Cai, Suihan Cui, **Jian Huang**, et al. A zinc-doped coating prepared on the magnesium alloy by plasma electrolytic oxidation for corrosion protection, Surface and Coatings Technology, 433 (2022): 128148.
- ❖ Chao Yang, Suihan Cui, Zhongcan Wu, Jiayu Zhu, **Jian Huang**, et al. High efficient co-doping in plasma electrolytic oxidation to obtain long-term self-lubrication on Ti6Al4V, Tribology International, 160 (2021): 107018.

## Skills

- ❖ Language: IELTS 6.5.
- ❖ Softwares such as ORIGIN, OFFICE MS, COMSOL, MATLAB, SOLIDWORKS and etc
- ❖ Materials characterizations (SEM, XPS, XRD, EDS, and etc.)