

Qingyan Li

Address: Southern University of Science and Technology(SUSTech), Shenzhen, Guangdong, China

Phone/Wechat: +86-15621480039

Email: qyli1@foxmail.com

QQ: 1733128196

Website: <http://www.cv.ayan.fun/>



Education:

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|--|----------------------------------|--|----------|
| 2022.09 - Now | SUSTech | Intelligent Manufacturing and Robotics | Master |
| <ul style="list-style-type: none"> Supervisor: Professor Zhenkun Wang National Scholarship for Graduate student (2021) Research Interests: Evolutionary multi-objective optimization, Machine Learning | | | |
| 2016.09 - 2020.06 | Qingdao University of Technology | Measurement and Control Technology | Bachelor |
| <ul style="list-style-type: none"> Award of Excellent student(2018) Award of Excellent Graduate(2022) | | | |

Paper:

- Zhenkun Wang, **Qingyan Li**, Qite Yang, Hisao Ishibuchi. The dilemma between eliminating dominance-resistant solutions and preserving boundary solutions of extremely convex Pareto fronts[J]. Complex & Intelligent Systems, 2021: 1-10. (SCI Q1, IF = 6.859)
- Genghui Li, **Qingyan Li**, and Zhenkun Wang, Adaptive Differential Evolution Algorithm with Multiple Gaussian Learning Models[C]. CAAI International Conference on Artificial Intelligence. (CICAI 2022, Acceptance rate: 35%)..
- Zhenkun Wang, **Qingyan Li**, Genghui Li, Qingfu Zhang. Enhancing Multi-objective Decomposition with Relaxed Dominance and Elite Archive. (Co-first author, TEVC In peer review)

Project:

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| 2021.11-Now | Computer Vision-based glue creep detection | Principal Technical Leader |
| | Working with researchers from Huawei, HKUST, SUSTech | |
| 2018.09-2020.05 | NB-IOT based intelligent undersea Remote Operated Vehicle | First author/Project Principal |
| 2018.03-2018.09 | Intelligent agricultural machinery with precision seeding and fertilizer application | Member |
| 2017.11-2018.06 | The 17th National University Robot contest (ROBOCON) | Member |
| 2017.09-2018.03 | A harmful gas leak monitoring and alarm platform with automatic inspection | Member |
| 2016.09-2019.06 | Qingdao University of Technology Measurement and Control Intelligent Association | Member |

Other Award:

- 2018 First Prize of the 4th **National** Student Intelligent Equipment Innovation Competition (**First author**)
- 2018 The 11th Annual **National** Student Innovation and Entrepreneurship Conference (**Sponsored by the National Ministry of Education, First author**)
- 2019 Second prize of **National** university Internet of Things (IoT) Innovation and Entrepreneurship Competition (**Second author**)
- 2018, 2019 Responsible for two **National** innovation and entrepreneurship practice programs, respectively.
- 2019 Silver Prize of the Fifth Shandong Province "Internet+" Student Innovation and Entrepreneurship Competition (**First author**)
- 2019 Second Prize of Shandong Province Challenge-cup Extracurricular and Academic Contest(**First author**)
- 2018 First Prize of Shandong Robotics Competition (**First author**)
- 2018 First prize of the 17th National University Robotics Competition Shandong Region
- 2018 First Prize of Shandong University Robotics Competition
- 2017 First Prize of Shandong Province Intelligent Manufacturing Competition (**First author**)
- 2017 Second Prize of Shandong Province Mechanical and Electrical Products Innovation Competition
- 2019 Third Prize of Shandong Province Mechanical and Electrical Products Innovation Competition(First author)
- 2017 Third Prize of Shandong Province Physics Competition

Skills:

- Programming:** Matlab, C, Python etc., knowledge of research tools such as Latex, Origin, etc.