Jinquan Ye

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Educational background

Nanchang University, Management Science and Engineering, *Undergraduate* 2018.9 - now

- GPA: 82.39/100, Comprehensive Ranking: 5/51

Papers

Ye, J., Song, Y.,...,(2022). Assessment of medical waste generation, associated environmental impact, and management issues after the outbreak of COVID-19: A case study of the Hubei Province in China. PloS one. **(IF 2022: 3.752, Click Here)**

Xia, Z., **Ye, J.**,..., (2022). Meta-analysis of Climate Change Experience and Climate Change Perception. Environmental Research Communication.**(Co-first author, IF 2022: 3.237, accepted)**

Ye, J.,(2022). Public concerns about vehicle-to-grid are preventing its rollout: a content analysis of Chinese social media. **(In progress)**

Research experience

National-level Student Innovation Training Program, Project leader 2020.9 - 2021.5

- *Detail*: Text data from social media was analysed, using python to crawl and process the text to extract people's views on V2G technology in electric vehicles.
- *Responsibility*: Filing, data collection, field research, data analysis and closing arguments.
- *Outcome*: 1.Selected as the Faculty's Outstanding Innovation Project 2.Complete an essay on the attitude of the public towards V2G technology in new energy vehicles

Nanjing Normal University, RA 2022.3 - 2022.9

- *Detail*: Contributed to a meta-analysis on "variability in socio-economic status measures".
- *Responsibility*: Extracts of information from the target article related to the socioeconomic status of the subject and the components that constitutes the SES.
- *Outcome*: 1.Complete the meta-analysis, produce a public dataset, and create an R package(SESverse) 2.Published in Environmental Research Communications(IF: 3.237).

Provincial Student Innovation Training Program, Member 2020.9 - 2021.5

- *Detail*: A policy effect study on the environmental impact caused by medical waste in the context of New Coronary Pneumonia (main contributor).
- *Responsibility*: Prediction of time series using LSTM neural networks for counterfactual analysis.
- *Outcome*: Published in Plos One (IF: 3.752).

National level research training project: "Digital Business Innovation, Member 2019.3 - 2019-6

- *Detail*: Responsible for writing the third chapter of the monograph: Digital Survival Theory
- *Responsibility*: Examines and summarises the current digital divide and gives recommendations for individuals and businesses to improve their digital literacy.
- *Outcome*: 1. Completion of selected chapters in a monograph 2. Participation and independent presentation at an academic conference (FEMIB2020).

National University of Singapore, Visiting Exchange 2019.7 - 2019-8

- *Detail*: Participated in the Innovation Management Programme at the National University of Singapore.
- *Responsibility*: Organise the group to collect and summarise the debriefing materials and present the results for a presentation.
- *Outcome*: Awarded the title of Group of Distinction.

Research skills

Programming: Proficient in Python (web crawlers, natural language processing, sentiment classification models, multi-region input-output, data cleaning), R (ggplot, econometric models,Structural equation modelling, Meta-analysis).

Social Science Software: Stata/SPSS(Traditional econometric models), Ucient(Social network analysis), Citespace(Bibliometric), Geoda(Analysis of GIS data)

Other software: Mathematica(Matrix operations), Lingo(Operations Research), Octopus(Web crawlers)

English: IELTS: Overall:6.5 → L:7.0 R:7.5 W:6.0 S:5.5

Awards

First Prize in the National Student Mathematical Modelling Competition (Jiangxi Region)	2020-11
Asia-Pacific Mathematical Modelling National Second Prize	2019-12
International Youth Mathematics Challenge (IYMC) - Gold Medal(Top 3%)	2019-10
Challenge Cup Third Prize at School Level	2019-01
Third prize at school level in the Energy Conservation Competition	2020-06