

Curriculum vitae



Name: Rao Yanchao

Title: associate professor, doctoral supervisor

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Mail address: (200433) Guoding Road 777#, Shanghai, China,
School Of Accountancy, Shanghai University of Finance and Economics

Education

PH.D. of Accounting at Shanghai University of Finance and Economics

Master of MIS at Shanghai University of Finance and Economics

Bachelor of Statistics at Shanghai University of Finance and Economics

Teaching Focus:

Master Course: Management Information System, Accounting Information System

Undergraduate Course: Accounting Information System, Financial Decision Support System,

Financial Shared Service, XBRL: Theory and Practice, Audit Data Analysis

Research Focus:

AIS, Using AI in Accounting and Auditing, Data Standardization (XBRL), Data Asset and Data Governance, ESG disclosure

Administrative Job

Executive director of AIS Research Center of Shanghai University of Finance and Economics and Applied Research Center of XBRL China

Director of Accounting and Finance Laboratory

Professional association Job

Advisory Experts of National Accounting Information Standardization Technical Committee of the Ministry of Finance

Member of Accounting Information System Professional Committee of Accounting Society of China

Award Received

The first prize of national Teaching Achievement Award, Ministry of Education (2018, 5/5)
Special prize of Shanghai Teaching Achievement Award, Shanghai Municipal Education Commission (2017, 5/5)
Advanced worker in laboratory management of Ordinary Colleges and Universities in Shanghai (2009)
Citigroup Faculty Fellowship (2007)
First prize for Excellent Textbook of SUFE (2022)
Special prize of Teaching Achievement of SUFE (2016)
First prize of Teaching Achievement award of SUFE (2010)
Second prize for Excellent Textbook of SUFE (2018, 2012, 2010)
Advanced worker of SUFE
Third prize of Teaching Fund of SUFE

Paper Published

1. **Challenges and economic consequences of IFRS 9: evidence from China,**
<https://www.emerald.com/insight/content/doi/10.1108/JAL-06-2023-0109/full/html>
2. **CEOs' knowledge integration, entrepreneurship, and corporate innovation: Evidence for China, International Review of Financial Analysis, Vol91, 2024(1)**
<https://doi.org/10.1016/j.irfa.2023.102963>
3. Analysis on ESG rating difference between domestic and foreign institutions in securities industry, Chinese Certified Public Accountant (in Chinese), 2024 (7)
4. Application of accounting data standards for electronic vouchers -- A case study of Puliian Dongwen, Finance and Accounting (in Chinese), 2023 (9)
5. Accounting informatization: innovation and development usher in its opportunity, China Accounting News (Newspaper) (in Chinese), 2022-10-14
6. Practice and exploration of hospital intelligent cost management in digital transformation, Modern Accounting (in Chinese), 2022(3)
7. **Does XBRL Help Improve Data Processing Efficiency? International Journal of Accounting and Information Management, Vol30 (1) , 2022,**
<https://doi.org/10.1108/IJAIM-07-2021-0155>
8. The logical framework of digital transformation of commercial banks, New Finance (in Chinese), 2021 (9)
9. Strengthen the construction of management accounting system to help industry reform and development, China Accounting News (Newspaper) (in Chinese), 2021-07-16
10. Application of big data in grassroots audit institutions based on dynamic capability theory,

- Audit Observation (in Chinese), 2021 (4)
11. Innovation practice of accounting and financial service mode of small, medium and micro enterprises in Xiangyang city, *Finance and Accounting (in Chinese)*, 2021 (5)
 12. Analysis on the application and benefit of the integration of business and finance in the Marketing Department of digital intelligence era, *Management Accounting Research(in Chinese)*, 2021 (2)
 13. Condition and path of electronic archives application in accounting field, *Finance and Accounting(in Chinese)*, 2021 (3)
 14. **Using XBRL and big data to improve decision-making, *Financial Management*, 2020(4), <https://www.fm-magazine.com/issues/2020/apr/use-xbrl-big-data-to-improve-decision-making.html>**
 15. Data standardization, quantitative lean management and financial indicator management report assembly and customization——Sinopec XBRL internal application case, *Finance and Accounting(in Chinese)*, 2020 (8)
 16. Using XBRL to unlock the data value, *New Finance: Government Finance (in Chinese)*, 2019 (12)
 17. Six elements used in FSSC implementation: a case study on China Railway 11 Bureau Group, *Finance and Accounting(in Chinese)*, 2019 (5)
 18. Application of Logit regression model algorithm in credit risk measurement of pawnbroker -- taking company A as an example, *Management Accounting Research(in Chinese)*, 2019 (3)
 19. Auditor's perspective on communication preferences and communication language evolution: challenges and responses, *China internal audit (in Chinese)*, 2019 (2)
 20. Research on the incentive effect of M & A performance commitment, *Foreign Economics and Management (in Chinese)*, 2018 (7)
 21. **Information systems maturity, knowledge sharing and firm performance, *International Journal of Accounting and Information Management*, Vol32(2),2015, <https://doi.org/10.1108/IJAIM-11-2013-0060>**
 22. Financial Information System Operation Issues in PA International Financial Leasing Corporation, *Finance and Accounting (in Chinese)*, 2015(07)
 23. Accounting of R&D and Information Asymmetry: Evidence from Hi-Tech Industry in China, *Jiangxi Social Science (in Chinese)*, 2015(4)
 24. XBRL in Insurance supervision, *Shanghai Accounting Management (in Chinese)*, 2014(04)
 25. Study on the board governance on restraining of the free cash flow over investment: Evidence from China, *Zhejiang Finance (in Chinese)*, 2014(02)
 26. SAP HANA Used in Cost Budget, *Shanghai Accounting Management (in Chinese)*, 2013(06)
 27. **Who extends the extensible?: The effects of corporate governance on XBRL taxonomy extensions in China, *International Journal of Accounting and Information Management*,**

Vol.21(2), 2013, <https://doi.org/10.1108/18347641311312276>

28. How to prevent bank fraud: an analysis based on game theory, *Journal of Central University of Finance & Economics (in Chinese)*, 2012(11)
29. Informatization, Knowledge Sharing, and Business Performance, *Finance and Trade Economic (in Chinese)*, 2012(7)
30. Use Game theory to supervise Bank Fraud, *Accounting Research (in Chinese)*, 2010(2)
31. XBRL: Concepts, Technology and Application, *Public Financial supervision*, 2009(3)
32. A Study on IT Auditing Education, *Accounting Research (in Chinese)*, 2008(10)
33. ERP Implementation in Fast Moving Consumer Industry, *Enterprise Management (in Chinese)*, 2008/3
34. How to Hold Back Bank Fraud through Internal Control, *New Finance (in Chinese)*, 2007/2
35. A Survey on Usage of Accounting Information in bank's credit decision, *Accounting Research (in Chinese)*, 2005(4)
36. The effect of ERP implementation on enterprise cost: evidence from the listed manufacturing companies in China, *Journal of Finance and Economics (in Chinese)*, 2005(4)
37. Corporate governance: Large Creditor's Monitoring and Its Economic Consequences, *Security Times (in Chinese)*, 2005-5-21
38. How to quantify E-business strategy, *Financial And Accounting (in Chinese)*, 2004(12)
39. Comparison Of Financial Analyst Research Report In China And U.S.A., *Shanghai Finance (in Chinese)*, 2004(9)
40. The Key Point Of Accounting Control In The ERP System Environment, *Financial And Accounting (in Chinese)*, 2004(9)
41. Can Effective Communication Help ERP To Successfully Implement: Empirical Study On Enterprise Implemented ERP In China, *Chinese Business Review*, 2004(5)
42. A Survey On ERP Implementation In China, *Economic Affairs (in Chinese)*, 2004(2)
43. A Survey On Securities Analysts' Ability To Use Corporate Information, *Accounting Research (in Chinese)*, 2003(11)
44. IT Governance---Establish The Relationship Between Business Objectives And IT: A New Perspective Of Corporate Governance, *Accounting Research (in Chinese)*, 2003(8)
45. How To Improve The Development Of XBRL In China, *Accounting Communication (in Chinese)*, 2003(5)
46. Introduction Of Auditing Documents Of SAS, *Shanghai Accounting (in Chinese)*, 2002(12)
47. Comparison of Financial Information Disclosure Of Commercial Bank In China And H.K., *Shanghai Finance (in Chinese)*, 2002(8)
48. Seek The Way To Promote The Use Of IT In China, *Computerized Accounting (in Chinese)*, 2002(8)
49. The Importance Of BPR In ERP Implementation, *Shanghai Accounting (in Chinese)*, 2002(3)

50. Management Accounting In ERP System, Management Accounting (Taiwan) (in Chinese), Vol.55, 2002(1)

Book Published (in Chinese)

1. Application of information system of business and finance integration (Based on YonBIP), Associate Editor, June 2024, Higher Education Press
2. Using Python in data analysis - Statistical analysis methods and econometric model practice, editor-in-chief, Feb. 2022, Lixin Accounting Press
3. Management Accounting Information System , Associate Editor, Jan. 2021, Economic Science Press
4. Accounting Information System, editor-in-chief, Nov.2020, Higher Education Press
5. Comprehensive Practice Course of Management Accounting, editor-in-chief, Apr. 2019, Shanghai University of Finance and Economics Press
6. Financial Shared Service Center: Theory and Practice, Sep.2017, Publishing House of Electronics Industry
7. Simulation of Financial Shared Service Center Implementation, editor-in-chief, Mar.2017, Shanghai University of Finance and Economics Press
8. Audit data analysis, editor-in-chief, Jan.2016, Higher Education Press
9. Computer-Based auditing, editor-in-chief, August 2011, Shanghai University of Finance and Economics Press
10. Financial Decision Support System, editor-in-chief, Mar. 2010, Shanghai University of Finance and Economics Press
11. Fundamental Accounting, Sep. 2009, Shanghai University of Finance and Economics Press
12. Accounting Information System (2nd version), editor-in-chief, Dec. 2008, Fudan University Press
13. Accounting, Sep. 2007, Shanghai University of Finance and Economics Press
14. Accounting Information System, Jan. 2006, Shanghai University of Finance and Economics Press
15. Research on ERP Implementation in China, Nov. 2005 , Shanghai University of Finance and Economics Press
16. Accounting Channel, Dec. 2002, Lixin Publisher

Academic Research Project Engaged In

1. Research on Housing Provident Fund Management, 2023, Funded by Department of Housing provident Fund Supervision, Ministry of Housing and Urban-Rural Development
2. Research on intelligent Financial application from the perspective of embedded agent paradox: Theoretical framework and methodology, 2020, Shanghai PuJiang Talent Project

3. Research on the conditions and paths of big data application in grassroots audit institutions, 2020, Funded by YangPu District Audit Bureau
4. Research on full coverage of Public Fund audit in JiaDing District in the big data era, 2020, Funded by JiaDing District Audit Bureau
5. Reform and improvement of accounting standards in China: case study on XBRL Application, 2018, Funded by World Bank
6. Management Accounting Case Study on Jiading Transport Development Group, 2018, funded by Jiading district finance bureau
7. Research on XBRL in Management Accounting, 2017, Funded by Ministry of Finance
8. Automatic Procurement Fraud Detection with Machine Learning, 2017, Funded by ShunFeng Express
9. Research on the formulation and implementation of accounting data exchange standards in China, 2016, Funded by Ministry of Finance
10. Intelligent Internal Audit Based on Big Data, 2016, Funded by China Southern power grid
11. Research on Internal Control Software, 2014, Funded by Accounting Society of Shanghai
12. The Quantity Management of Corporate Strategy, 2008, Funded by Ministry of Education
13. Study on Financial Institute Supervision: Information Disclosure of Commercial Bank, 2008, Funded by Ministry of Education
14. A Research on ERP Implementation in China, 2006, Funded by Shanghai University of Finance and Economics
15. Creditor's Rights Control and The Effective Requirements of Accounting Information, 2002, Funded by National Natural Science Foundation of China
16. A Survey on Securities Analysts' Ability To Use Accounting Information, 2002, Funded by Shanghai Stock Exchange

Teaching Research Project

1. The practice program of intelligent financial shared service center based on big data, 2018, funded by Inspur and MOE
2. Enterprise accounting information personnel training center construction program, 2018, funded by Kingdee and MOE
3. Accounting Course Reform in Big Data and Cloud Computing Era, 2013, Funded by Shanghai Municipal Education Commission
4. Accounting Information System: Course construction and promotion , 2008, Funded by ministry of education
5. Financial Decision Support System: Shanghai key course project, 2010, Funded by Shanghai Municipal Education Commission
6. Managerial Accounting: National Bilingual demonstration course, 2006, Funded by ministry

of education)

Achievements of Enterprise Cooperation

1. Taxonomy of credit enhancement for bank loan data of small, medium and micro enterprises
2. Patent: Sand table and simulation method for the construction process of Financial Shared Service Center, Application Number: 201710013032.9, Published Application Number: CN 106781977 A
3. design patent: Financial Shared Service Center construction sand table, patent number: ZL 2019 3 0738993.6