Yanghua Xiao

Dr. Yanghua Xiao is a Professor and doctoral supervisor at the School of Computer Science and Intelligent Innovation, Fudan University; Vice President of the Shanghai Qingpu-Fudan Institute of Future Technology; Director of the Shanghai Key Laboratory of Data Science; Head of the Knowledge Workshop Laboratory at Fudan University; and a member of the Expert Group for key special programs of the Ministry of Education. He received his Ph.D. from Fudan University in 2009 and remained at the university as a faculty member, serving successively as Lecturer, Associate Professor, and Professor (2017). He has served / currently serves as Chairman of the Academic Committee of the Jiangsu Provincial Basic Education Big Data Engineering Center, and as a joint / dual-appointed researcher at the Shanghai Academy of Artificial Intelligence for Science, the Fudan University Institute of All-Media, the Eye & ENT Hospital of Fudan University, the Fudan Yiwu Research Institute, and the Institute of Intelligent Education at East China Normal University. He is currently also Chief Scientist of Shenzhen Kuakua Jingling Co., Ltd. He has published more than 300 papers and 5 monographs in knowledge graphs and cognitive intelligence, including more than 150 papers in CCF-A conferences and journals, and has received awards such as the ICDE 2024 10-Year Influential Paper Award and the ACL 2023 & 2025 Outstanding Paper Award. His papers have been cited more than 12,000 times on Google Scholar by scholars including AAAS/ACM/IEEE/AAAI/SIAM/IAPR Fellows, with a Google h-index of 56. He has undertaken more than 100 national, provincial, and ministerial research projects and enterprise projects, with a cumulative research funding of RMB 210 million (of which RMB 80 million has been executed), and has been granted 38 patents. He has released a series of large-scale Chinese knowledge graphs that have been widely applied in both academia and industry. For many years, he has been funded by more than ten companies including Huawei, Alibaba, and Meituan, applying these technologies to enterprise services and products and creating considerable economic benefits. He has received the Natural Science Award of the Ministry of Education twice (ranked second and fourth, respectively), the Second Prize of the CCF Natural Science Award (ranked second), the First Prize of the Natural Science Award of the Shanghai Computer Society (ranked first), the Alibaba Research Award, the Alibaba Outstanding Academic Partner Award, the Huawei Outstanding Partner Award, the Huawei Spark Award (three times), and the Meituan Research Innovation Award. He has been selected for

the Shanghai Oriental Talent Top-notch Program, the Shanghai Talent Development Fund Program, the Microsoft StarTrack Program, and the Fudan University Distinguished Talent Programs; and as an ACM Shanghai Distinguished Young Scientist he has received honors such as CCF Outstanding Academic Director and CCF Distinguished Speaker. He was named one of the '2019 Top 20 Benchmark Figures Empowering China's AI Knowledge Graph.' He has served as PC Chair of international conferences such as IEA/AIE 2023 and PIC 2021, and as Associate Editor or Editorial Board member of multiple international journals including Applied Intelligence, JCST, and Frontiers of Big Data, and has undertaken conference organization and Program Committee roles at international academic conferences more than 100 times (including KDD, IJCAI, and AAAI). Invited by well-known universities at home and abroad, many Fortune 500 companies, the organizing committees of important international and domestic academic conferences such as SIGMOD, DASFAA, IDEAL, PIC, ADMA, CCKS, and NDBC, and mainstream media such as Xinhua News Agency, People's Daily, Economic Daily, and The Paper, he has delivered more than 300 keynote speeches, academic tutorials, invited talks, or special interviews. His policy suggestions have been collected in Xinhua News Agency's Internal Reference Selections, and he has received letters of thanks from organizations such as People's Daily, Xinhua News Agency, Lianhe Zaobao, and the Fortune China 500 Summit. Among them, his findings and viewpoints on 'Artificial Intelligence and Social Governance' were adopted by three reference reports of Xinhua News Agency, providing decision-making references for the central leadership.

I. Basic Information

<table>
<tr><td>Name</td><td>Yanghua Xiao</td><td>Gender</td><td>Male</td><td>Date of Birth</td><td>1980.9</td><td rowspan="4"></td></tr>
<tr><td>Nationality / Ethnicity</td><td colspan="2">Han</td><td colspan="2">Political Affiliation</td><td>Non-partisan</td></tr>
<tr><td>Highest Degree</td><td colspan="2">Ph.D.</td><td colspan="2">Graduation Time</td><td>2009.7</td></tr>
<tr><td>Graduating Institution</td><td colspan="5">Fudan University</td></tr>
<tr><td>Professional Title</td><td>Professor</td><td>Email</td><td colspan="3">shawyh@fudan.edu.cn</td></tr>
<tr><td>Address</td><td colspan="2">Jiangwan Campus, Fudan University, No. 2005 Songhu Road, Yangpu District, Shanghai</td><td>Mobile</td><td colspan="2">18018508381</td></tr>
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II. Education

Start - End (Year.Month)		Institution	Degree	Major	Supervisor
2005.7	2009.6	Fudan University	Ph.D.	Computer Software and Theory	Wei Wang
2002.9	2005.7	University of Shanghai for Science and Technology	Master	Computer Application	Qujiang Cao
1998.9	2002.7	University of Shanghai for Science and Technology	Bachelor	Computer Application	/

III. Work Experience

Start - End (Year.Month)		Institution / Organization	Title / Position
2026	Present	Shanghai Qingpu-Fudan Institute of Future	Vice President

		Technology	
2023	Present	Shanghai Key Laboratory of Data Science	Director
2017.7	Present	Fudan University	Professor
2017.7	2017.10	Alibaba DAMO Academy	Visiting Scholar
2013.8	2013.9	The Chinese University of Hong Kong	Visiting Scholar
2012.7	2017.7	Fudan University	Associate Professor
2011.6	2012.7	Microsoft Research Asia	Visiting Scholar (StarTrack Program)
2011.2	2011.4	Baylor College of Medicine	Visiting Scholar
2009.7	2012.7	Fudan University	Lecturer

IV. Honors and Awards

Year	**Honor / Award**
2026	Huawei Spark Award
2026	First Prize of the 2025 Science and Technology Award of the Shanghai Computer Society (Natural Science Award)
2025	Shanghai Oriental Talent Top-notch Program
2025	2025 Outstanding Achievement Transformation Award, Global Excellent Engineer Competition
2025	2025 ACL Outstanding Paper Award
2024	2024 ICDE 10-Year Influential Paper Award
2023	ACL 2023 Outstanding Paper Award
2024	Huawei Spark Award
2023	2023 Most Interactive New Media Award — Fudan University 'Wangdao New Media Award'
2023	Broadview 20th Anniversary Outstanding Contribution Award

2023	Third Prize of the Wu Wenjun AI Science and Technology Progress Award
2022	Nomination Award for Excellent Shanghai Industry-University-Research Cooperation Project
2022	Huawei Spark Award
2022	Meituan Research Cooperation Innovation Award
2022	Second Prize of the Technological Invention Award of the Chinese Association of Automation
2021	2020 Huawei Outstanding Partner Award
2021	Second Prize of the 2021 Science and Technology Award of the Shanghai Computer Society
2021	CCF ADL 2020 Outstanding Academic Director
2021	2020 CCF Distinguished Speaker
2020	CCF Distinguished Member
2020	2020-2021 Meituan Research Program Partner Award
2019	Top 10 Outstanding Lecturers, 2019 AI Developers Conference
2019	CCF ADL 2019 Outstanding Academic Director
2019	2019 CCF Distinguished Speaker
2019	Broadview 2019 Outstanding Author
2018	Second Prize of the Natural Science Award of the Ministry of Education
2018	Shanghai Talent Development Fund Grant
2017	Alibaba Research Fellow Award
2017	Alibaba Best Partner in Academic Cooperation
2016	2016 Candidate Outstanding Paper Award in Database and Data Mining, Shanghai Computer Society
2014	First Prize of the 8th Nantong Natural Science Outstanding Academic Paper Award
2014	Sa Shixuan Outstanding Student Paper Award, 31st China National Database Conference (NDBC 2014)
2014	Second Prize of the 2014 CCF Natural Science Award
2013	Second Prize of the Natural Science Award of the Ministry of Education
2013	2013 ACM Shanghai Rising Star Award Nomination
2011	Microsoft Research Asia StarTrack Program Visiting Young Faculty
2010	2010 CCF Outstanding Doctoral Dissertation Nomination Award

V. Courses Taught

In the last five years, he has taught 3 courses to undergraduate students, totaling 417 credit hours, with 526 enrollments.

No.	Course Name	Number of Semesters	Total Credit Hours	Total Enrollments
1	Data Mining Techniques	7	333	440
2	Graduation Thesis	5	80	20
3	Superintelligence and Human Civilization	2	4	66

In the last five years, he has taught 3 courses to graduate students, totaling 270 credit hours, with 500 enrollments.

No.	Course Name	Number of Semesters	Total Credit Hours	Total Enrollments
1	Frontiers of Big Data Technology	5	315	252
2	Knowledge Graph	2	108	191
3	Data Engineering for Large Models	2	27	57

1. Data Mining Techniques was selected as a Shanghai Municipal Key Course and rated a high-quality undergraduate course of Fudan University.
2. Knowledge Graph was selected in the first batch of ideological and political education courses at Fudan University.
3. Data Engineering for Large Models was selected in the first batch of AI BEST courses at Fudan University.

VI. Publications

(1) Monographs

No.	Monograph	Venue	Author Order	Publication Time
1	The Wave of Large Models: From ChatGPT to DeepSeek	Publishing House of Electronics Industry	Yanghua Xiao	2025.4
2	Knowledge Graph: Concepts and Technologies	Publishing House of Electronics Industry	Yanghua Xiao, Bo Xu, Xin Lin, Zhixu Li, Peng Peng, Weiguo Zheng, Bin Shao,	2019.11

			Liang He, Deqing Yang, Wanyun Cui	
3	The Latest AI Technology: Knowledge Graph — A Grand Collection of Technologies and Concepts	Shenzhi Digital Co., Ltd.	Yanghua Xiao, Bo Xu, Xin Lin, Zhixu Li, Peng Peng, Weiguo Zheng, Bin Shao, Liang He, Deqing Yang, Wanyun Cui	2021.4
4	Graph Symmetry Theory and Its Applications in Data Management	Science Press	Yanghua Xiao	2018.11
5	Artificial Intelligence (Senior High School Edition)	Shanghai Educational Publishing House	Qiang Wu, Yanghua Xiao	2020.1

(2) Publication of English Journal Papers in the Past Five Years

No.	Paper Title	Venue	Authors (* corresponding author)	Publication Time
1	Caf4AVC: LLM-Enhanced Collaborative Framework for Attribute Value Canonicalization in Open KBs.	IEEE Trans. Knowl. Data Eng.	Ying He, Qiang Yang, Yaxin Wang, Dan Gao, Zhouhong Gu, Zhixu Li*, **Yanghua Xiao***	2026
2	Tabular Data Wrangling in the Era of Large Language Model: A Survey.	IEEE Trans. Knowl. Data Eng.	Ying He, Qiang Yang, Yuxiao Yang, Yubo Zhou, Zhecheng Hu, Sheng Yuan, **Yanghua Xiao***, Zhixu Li*	2026
3	AdaptiveLog: An Adaptive Log Analysis Framework with the Collaboration of Large and Small Language Model.	ACM Trans. Softw. Eng. Methodol.	Lipeng Ma, Weidong Yang*, Yixuan Li, Ben Fei, Mingjie Zhou, Shuhao Li, Sihang Jiang*, Bo Xu, **Yanghua Xiao**	2026
4	LogInstruct: Knowledge-Driven Instruction Synthesis for Enhancing LLM-Based Log Analysis.	IEEE Trans. Serv. Comput.	Lipeng Ma, Yixuan Li, Weidong Yang*, Mingjie Zhou, Mingyu Zhao, Ben Fei, Shuhao Li, Sihang Jiang, **Yanghua Xiao**	2026

5	MMIFEvol: Towards Evolutionary Multimodal Instruction Following.	AAAI	Haoyu Wang, Sihang Jiang*, Xiangru Zhu, Yuyan Chen, Xiaojun Meng, Jiansheng Wei, Yitong Wang, **Yanghua Xiao***	2026
6	Adaptive Hallucination Alleviation in Multimodal Large Language Models: From Strategic Data Selection to Severity-Guided Training.	AAAI	Yuanyi Xu, Xiangru Zhu, Sihang Jiang*, Zhixu Li, Bei Yang, Xiaoxiao Xu, **Yanghua Xiao***, Wei Wang	2026
7	Measuring the Unmeasurable: Unveiling Latent Cognitive Capabilities of LLM.	AAAI	Cui Danxin, Sihang Jiang, Keyi Wang, Zhiyi Duan, **Yanghua Xiao***, Bi Yude*, Jiaqing Liang, Minggui He, Shimin Tao, Yilun Liu	2026
8	Difficulty Is Not Enough: Curriculum Learning for LLMs Fine-tuning Must Consider Utility.	AAAI	Zishang Jiang, Jinyi Han, Tingyun Li, Xinyi Wang, Sihang Jiang, Xiaojun Meng, Jiansheng Wei, Jiaqing Liang*, **Yanghua Xiao**	2026
9	Can LLMs Learn to Map the World from Local Descriptions?	ACL	Sirui Xia, Aili Chen, Xintao Wang, Tinghui Zhu, Yikai Zhang, Jiangjie Chen, **Yanghua Xiao***	2026
10	ADaPT: Token-Level Decoupling for Efficient Large Reasoning Models.	ACL (Findings)	Tingyun Li, Zishang Jiang, Jinyi Han, Xinyi Wang, Sihang Jiang, Han Xia, Zhaoqian Dai, Shuguang Ma, Fei Yu, Jiaqing Liang*, **Yanghua Xiao**	2026
11	Don't Tell the Answer, Truly Guide the Reasoning During RL Rollouts.	ACL (Findings)	Xinyi Wang, Jinyi Han, Zishang Jiang, Tingyun Li, Jiaqing Liang*, Sihang Jiang, Zhaoqian Dai, Ma Shuguang, Fei Yu, **Yanghua Xiao**	2026
12	Instructions are all you need: Self-supervised Reinforcement Learning for Instruction Following.	ACL	Qingyu Ren, Qianyu He, Powei Chang, Jie Zeng, Zeye Sun, Fei Yu, Jiaqing Liang*, **Yanghua Xiao***	2026

13	Metaphor Reasoning is Meta-reasoning.	ACL	Qianyu He, Junting Lu, Yikai Zhang, Siyu Yuan, Xiaojun Meng, Jiansheng Wei, Jiaqing Liang*, **Yanghua Xiao***	2026
14	What Makes an Ideal Quote? Recommending "Unexpected yet Rational" Quotations via Novelty.	ACL	Powei Chang, Jin Xiao, Guanglei Yue, Qianyu He, **Yanghua Xiao**, Deqing Yang, Jiaqing Liang*	2026
15	Immediate Inference: The Missing Foundation in Large Language Model Logical Reasoning.	ACL	Sihang Jiang, Zhiyu Lu, Keyi Wang, Jiaqing Liang*, **Yanghua Xiao***, Xiaojun Meng, Jiansheng Wei	2026
16	The GaoYao Benchmark: A Comprehensive Framework for Evaluating Multilingual and Multicultural Abilities of Large Language Models.	ACL	Yilun Liu, Chunguang Zhao, Mengyao Piao, Lingqi Miao, Shimin Tao, Minggui He, Chenxin Liu, Li Zhang, Hongxia Ma, Jiaxin Guo, Chen Liu, Liqun Deng, Jiansheng Wei, Xiaojun Meng, Fanyi Du, Daimeng Wei, **Yanghua Xiao**	2026
17	Memory-Guided Hard Data Augmentation for Multimodal Named Entity Recognition.	ACL (Findings)	Xinyu Liu, Kai fu, Yinghan Shi, Quanyou Chu, Ming Du, Hongya Wang, Xiaojun Meng, Jiansheng Wei, **Yanghua Xiao**, Bo Xu*	2026
18	InsLogicBench: An Argumentation Logic Grounded Benchmark for Complex Insurance Claims Adjudication.	ACL	Jin Liu, Yunpeng Liu, Keyi Wang, Jie Shi*, Xiao Xu, Wenkang Huang, Xingzhong Xu, Xin Liang, **Yanghua Xiao***	2026
19	Outcome-Grounded Advantage Reshaping for Fine-Grained Credit Assignment in Mathematical Reasoning.	ACL	Ziheng Li, Liu Kang, Feng Xiao, Luxi Xing, Qingyi Si, Zhuoran Li, Weikang Gong, Deqing Yang, **Yanghua Xiao**, Hongcheng Guo*	2026

20	HER: Human-like Reasoning and Reinforcement Learning for LLM Role-playing.	ACL (Findings)	Chengyu Du, Xintao Wang, Aili Chen, Weiyuan Li, Rui Xu, Junteng Liu, Zishan Huang, Rong Tian, Zijun Sun, Yuhao Li, Liheng Feng, Deming Ding, Pengyu Zhao*, **Yanghua Xiao***	2026
21	Are Large Language Models Reliable Reviewers? A Benchmark for Error Detection in Financial Documents.	ACL (Findings)	Ying He, Zhouhong Gu, Zhecheng Hu, Yubo Zhou, Hao Shen, Jiaqing Liang, Zhaoqian Dai, Ma Shuguang, Fei Yu, **Yanghua Xiao***, Zhixu Li*	2026
22	The "Knowledge-Behavior Gap" in Cultural Taboo Safety of Large Language Models.	ACL	Ying He, Sihang Jiang, Xingzhou Chen, Zhouhong Gu, Yiwei Gu, Minggui He, Shimin Tao, Hongxia Ma, **Yanghua Xiao***	2026
23	HumanLLM: Benchmarking and Improving LLM Anthropomorphism via Human Cognitive Patterns.	ACL	Xintao Wang, Jian Yang, Weiyuan Li, Rui Xie, Jen-tse Huang, Jun Gao, Shuai Huang, Yueping Kang, Yuanli Guo, Hongwei Feng*, **Yanghua Xiao***	2026
24	Why Did Apple Fall: Evaluating Curiosity in Large Language Models.	ACL (Findings)	Haoyu Wang, Sihang Jiang, Yuyan Chen, Yitong Wang, Xiaojun Meng, Jiansheng Wei, Yitong Wang*, **Yanghua Xiao***	2026
25	Large Language Model Judged Self-Training for Named Entity Recognition.	WSDM	Shisong Chen, Jiaan Wang, Chengyi Yang, **Yanghua Xiao***, Zhixu Li*, Xin Lin	2026
26	Code LLMs Still Fall Short of Top Programmers: Evaluating Algorithmic Code Generation Through Computational Thinking.	WSDM	Shisong Chen, Ziyu Zhou, Yicong Zhao, Chengyi Yang, Zhixu Li*, **Yanghua Xiao***, Xin Lin, Xiaojun Meng, Jiansheng Wei, Kuien Liu	2026

27	DeepSeek: Paradigm Shifts and Technical Evolution in Large AI Models.	IEEE CAA J. Autom. Sinica	Luolin Xiong, Haofen Wang, Xi Chen, Lu Sheng, Yun Xiong, Jingping Liu, **Yanghua Xiao**, Huajun Chen, Qing-Long Han, Yang Tang	2025
28	LUK: Empowering Log Understanding With Expert Knowledge From Large Language Models.	IEEE Trans. Software Eng.	Lipeng Ma, Weidong Yang*, Sihang Jiang, Ben Fei, Mingjie Zhou, Shuhao Li, Mingyu Zhao, Bo Xu*, **Yanghua Xiao**	2025
29	Attributive Reasoning for Hallucination Diagnosis of Large Language Models.	AAAI	Yuyan Chen, Zehao Li, Shuangjie You, Zhengyu Chen, Jingwen Chang, Yi Zhang, Weinan Dai, Qingpei Guo, **Yanghua Xiao***	2025
30	StrucText-Eval: Evaluating Large Language Model's Reasoning Ability in Structure-Rich Text.	ACL	Zhouhong Gu, Haoning Ye, Xingzhou Chen, Zeyang Zhou, Hongwei Feng*, **Yanghua Xiao***	2025
31	GAPO: Learning Preferential Prompt through Generative Adversarial Policy Optimization.	ACL	Zhouhong Gu, Xingzhou Chen, Xiaoran Shi, Tao Wang, Suhang Zheng, Tianyu Li, Hongwei Feng*, **Yanghua Xiao***	2025
32	Logical Consistency is Vital: Neural-Symbolic Information Retrieval for Negative-Constraint Queries.	ACL (Findings)	Ganlin Xu, Zhoujia Zhang, Wangyi Mei, Jiaqing Liang*, Weijia Lu, Xiaodong Zhang, Zhifei Yang, Xiaofeng Ma, **Yanghua Xiao**, Deqing Yang*	2025
33	Past Meets Present: Creating Historical Analogy with Large Language Models.	ACL	Nianqi Li, Siyu Yuan*, Jiangjie Chen, Jiaqing Liang, Feng Wei, Zujie Liang, Deqing Yang, **Yanghua Xiao***	2025
34	CDS: Data Synthesis Method Guided by Cognitive Diagnosis Theory.	ACL (Findings)	Haokun Zhao, Jinyi Han, Jiaqing Liang*, **Yanghua Xiao**, Xiaojun Meng, Jiansheng Wei	2025
35	Order Matters: Investigate the Position Bias in Multi-constraint	ACL (Findings)	Jie Zeng, Qianyu He, Qingyu Ren, Jiaqing Liang*, Weikang Zhou, Zeye Sun, Fei Yu, **Yanghua Xiao**	2025

	Instruction Following.			
36	BOOKWORLD: From Novels to Interactive Agent Societies for Story Creation.	ACL	Yiting Ran, Xintao Wang, Tian Qiu, Jiaqing Liang, **Yanghua Xiao**, Deqing Yang*	2025
37	Step-by-Step Mastery: Enhancing Soft Constraint Following Ability of Large Language Models.	ACL (Findings)	Qingyu Ren, Jie Zeng, Qianyu He, Jiaqing Liang*, **Yanghua Xiao**, Weikang Zhou, Zeye Sun, Fei Yu	2025
38	DEEPER Insight into Your User: Directed Persona Refinement for Dynamic Persona Modeling.	ACL	Aili Chen, Chengyu Du, Jiangjie Chen, Jinghan Xu, Yikai Zhang, Siyu Yuan, Zulong Chen, Liangyue Li, **Yanghua Xiao***	2025
39	KUG: Joint Enhancement of Internal and External Knowledge for Retrieval-Augmented Generation.	CIKM	Mingyang Li, Shisong Chen, Shengkun Tu, Ziyi Du, Jinghao Zhang, Zhixu Li*, **Yanghua Xiao**	2025
40	CEM: A Data-Efficient Method for Large Language Models to Continue Evolving From Mistakes.	CIKM	Haokun Zhao, Jinyi Han, Jie Shi, Chengyu Du, Jiaqing Liang, **Yanghua Xiao***, Weikang Zhou, Zeye Sun, Fei Yu	2025
41	Enhancing Multimodal Named Entity Recognition through Adaptive Mixup Image Augmentation.	COLING	Bo Xu, Haiqi Jiang, Jie Wei, Hongyu Jing, Ming Du*, Hui Song, Hongya Wang, **Yanghua Xiao**	2025
42	Gen-SQL: Efficient Text-to-SQL By Bridging Natural Language Question And Database Schema With Pseudo-Schema.	COLING	Jie Shi, Bo Xu*, Jiaqing Liang*, **Yanghua Xiao**, Jia Chen, Chenhao Xie, Peng Wang, Wei Wang	2025

43	Boosting Text-to-SQL through Multi-grained Error Identification.	COLING	Bo Xu, Shufei Li, Hongyu Jing, Ming Du, Hui Song*, Hongya Wang, **Yanghua Xiao**	2025
44	OVEL: Online Video Entity Linking.	COLING	Haiquan Zhao, Xuwu Wang, Shisong Chen, Zhixu Li*, Xin Zheng, **Yanghua Xiao***	2025
45	Skeletons Matter: Dynamic Data Augmentation for Text-to-Query.	EMNLP	Yuchen Ji, Bo Xu*, Jie Shi, Jiaqing Liang*, Deqing Yang, Yu Mao, Hai Chen, **Yanghua Xiao**	2025
46	Dialect-SQL: An Adaptive Framework for Bridging the Dialect Gap in Text-to-SQL.	EMNLP	Jie Shi, Xi Cao, Bo Xu*, Jiaqing Liang, **Yanghua Xiao**, Jia Chen, Peng Wang, Wei Wang*	2025
47	MCiteBench: A Multimodal Benchmark for Generating Text with Citations.	EMNLP (Findings)	Caiyu Hu, Yikai Zhang, Tinghui Zhu, Yiwei Ye, **Yanghua Xiao***	2025
48	From Remembering to Metacognition: Do Existing Benchmarks Accurately Evaluate LLMs?	EMNLP (Findings)	Geng Zhang, Yizhou Ying, Sihang Jiang, Jiaqing Liang, Guanglei Yue, Yifei Fu, Hailin Hu, **Yanghua Xiao***	2025
49	Curse of Knowledge: Your Guidance and Provided Knowledge are biasing LLM Judges in Complex Evaluation.	EMNLP (Findings)	Weiyuan Li, Xintao Wang, Siyu Yuan, Rui Xu, Jiangjie Chen, Qingqing Dong, **Yanghua Xiao**, Deqing Yang*	2025
50	Character is Destiny: Can Persona-assigned Language Models Make Personal Choices?	EMNLP (Findings)	Rui Xu, Xintao Wang, Jiangjie Chen, Siyu Yuan, Xinfeng Yuan, Jiaqing Liang, Zulong Chen, Xiaoqing Dong, **Yanghua Xiao**	2025
51	MultiLingPoT: Boosting Mathematical Reasoning in LLMs through Multilingual Program Integration.	EMNLP (Findings)	Nianqi Li, Zujie Liang, Siyu Yuan, Jiaqing Liang, Feng Wei, **Yanghua Xiao***	2025

52	Data-Efficient Selection via Grammatical Complexity in Continual Pre-training of Domain-Specific LLMs.	EMNLP	Yizhou Ying, Geng Zhang, Cui Danxin, Chengyu Du, Guanglei Yue, Sihang Jiang, Jiaqing Liang, Yifei Fu, Hailin Hu, **Yanghua Xiao***	2025
53	Order Doesn't Matter, But Reasoning Does: Training LLMs with Order-Centric Augmentation.	EMNLP	Qianxi He, Qianyu He, Jiaqing Liang*, Weikang Zhou, Zeye Sun, Fei Yu, **Yanghua Xiao***	2025
54	Think Thrice Before You Act: Progressive Thought Refinement in Large Language Models.	ICLR	Chengyu Du, Jinyi Han, Yizhou Ying, Aili Chen, Qianyu He, Haokun Zhao, Haoran Guo, Sirui Xia, Jiaqing Liang, Zulong Chen, Liangyue Li, **Yanghua Xiao***	2025
55	Evaluating Semantic Variation in Text-to-Image Synthesis: A Causal Perspective.	ICLR	Xiangru Zhu, Penglei Sun, Yaoxian Song, **Yanghua Xiao***, Zhixu Li, Chengyu Wang, Jun Huang, Bei Yang, Xiaoxiao Xu	2025
56	CoSER: Coordinating LLM-Based Persona Simulation of Established Roles.	ICML	Xintao Wang, Heng Wang, Yifei Zhang, Xinfeng Yuan, Rui Xu, Jen-tse Huang, Siyu Yuan, Haoran Guo, Jiangjie Chen, Shuchang Zhou, Wei Wang, **Yanghua Xiao***	2025
57	Bridging the Unseen Gap: Label-Enhanced Information Bottleneck Distillation for Multimodal Named Entity Recognition.	ACM Multimedia	Bo Xu, Jie Wei, Hongya Wang, Ming Du*, Hui Song, **Yanghua Xiao**	2025
58	SELFGOAL: Your Language Agents Already Know How to Achieve High-level Goals.	NAACL (Long Papers)	Ruihan Yang, Jiangjie Chen*, Yikai Zhang, Siyu Yuan, Aili Chen, Kyle Richardson, **Yanghua Xiao**, Deqing Yang*	2025
59	Ground Every Sentence: Improving Retrieval-Augmented	NAACL (Findings)	Sirui Xia, Xintao Wang, Jiaqing Liang*, Yifei Zhang,	2025

	LLMs with Interleaved Reference-Claim Generation.		Weikang Zhou, Jiaji Deng, Fei Yu, **Yanghua Xiao***	
60	Revealing the Barriers of Language Agents in Planning.	NAACL (Long Papers)	Jian Xie, Kexun Zhang, Jiangjie Chen, Siyu Yuan, Kai Zhang, Yikai Zhang, Lei Li, **Yanghua Xiao***	2025
61	Accelerated Evolving Set Processes for Local PageRank Computation.	NeurIPS	Binbin Huang, Luo Luo, **Yanghua Xiao**, Deqing Yang, Baojian Zhou*	2025
62	ARM: Adaptive Reasoning Model.	NeurIPS	Siye Wu, Jian Xie, Yikai Zhang, Aili Chen, Kai Zhang, Yu Su, **Yanghua Xiao***	2025
63	ARIA: Training Language Agents with Intention-driven Reward Aggregation.	NeurIPS	Ruihan Yang, Yikai Zhang, Aili Chen, Xintao Wang, Jiangjie Chen, Siyu Yuan, Deqing Yang*, **Yanghua Xiao**	2025
64	A crossword solving system based on Monte Carlo tree search.	Artif. Intell.	Jingping Liu*, Lihan Chen*, Sihang Jiang, Chao Wang, Sheng Zhang, Jiaqing Liang, **Yanghua Xiao***, Rui Song	2024
65	TDASD: Generating medically significant fine-grained lung adenocarcinoma nodule CT images based on stable diffusion models with limited sample size.	Comput. Methods Programs Biomed.	Yidan Xu, Jiaqing Liang, Yaoyao Zhuo, Lei Liu*, **Yanghua Xiao***, Lingxiao Zhou*	2024
66	Multi-Modal Knowledge Graph Construction and Application: A Survey.	IEEE Trans. Knowl. Data Eng.	Xiangru Zhu, Zhixu Li*, Xiaodan Wang, Xueyao Jiang, Penglei Sun, Xuwu Wang, **Yanghua Xiao***, Nicholas Jing Yuan	2024
67	XMQAs: Constructing Complex-Modified Question-Answering Dataset for Robust Question Understanding.	IEEE Trans. Knowl. Data Eng.	Yuyan Chen, **Yanghua Xiao***, Zhixu Li*, Bang Liu*	2024

68	Exploiting Duality in Aspect Sentiment Triplet Extraction With Sequential Prompting.	IEEE Trans. Knowl. Data Eng.	Jingping Liu*, Tao Chen, Hao Guo, Chao Wang, Haiyun Jiang, **Yanghua Xiao***, Xiang Xu, Baohua Wu	2024
69	Scene-Driven Multimodal Knowledge Graph Construction for Embodied AI.	IEEE Trans. Knowl. Data Eng.	Yaoxian Song, Penglei Sun, Haoyu Liu, Zhixu Li*, Wei Song*, **Yanghua Xiao**, Xiaofang Zhou	2024
70	From Persona to Personalization: A Survey on Role-Playing Language Agents.	Trans. Mach. Learn. Res.	Jiangjie Chen, Xintao Wang, Rui Xu, Siyu Yuan, Yikai Zhang, Wei Shi, Jian Xie, Shuang Li, Ruihan Yang, Tinghui Zhu, Aili Chen, Nianqi Li, Lida Chen, Caiyu Hu, Siye Wu, Scott Ren, Ziquan Fu, **Yanghua Xiao***	2024
71	Talk Funny! A Large-Scale Humor Response Dataset with Chain-of-Humor Interpretation.	AAAI	Yuyan Chen, Yichen Yuan, Panjun Liu, Dayiheng Liu, Qinghao Guan, Mengfei Guo, Haiming Peng, Bang Liu*, Zhixu Li*, **Yanghua Xiao***	2024
72	Xiezhi: An Ever-Updating Benchmark for Holistic Domain Knowledge Evaluation.	AAAI	Zhouhong Gu, Xiaoxuan Zhu, Haoning Ye, Lin Zhang, Jianchen Wang, Yixin Zhu, Sihang Jiang, Zhuozhi Xiong, Zihan Li, Weijie Wu, Qianyu He, Rui Xu, Wenhao Huang, Jingping Liu, Zili Wang, Shusen Wang, Weiguo Zheng, Hongwei Feng*, **Yanghua Xiao***	2024
73	Small Language Model Can Self-Correct.	AAAI	Haixia Han, Jiaqing Liang, Jie Shi, Qianyu He, **Yanghua Xiao***	2024
74	Can Large Language Models Understand Real-World Complex Instructions?	AAAI	Qianyu He, Jie Zeng, Wenhao Huang, Lina Chen, Jin Xiao, Qianxi He, Xunzhe Zhou, Jiaqing Liang*, **Yanghua Xiao***	2024
75	Translate Meanings, Not Just Words: IdiomKB's Role in	AAAI	Shuang Li, Jiangjie Chen*, Siyu Yuan, Xinyi Wu, Hao	2024

	Optimizing Idiomatic Translation with Language Models.		Yang, Shimin Tao, **Yanghua Xiao***	
76	Beyond Entities: A Large-Scale Multi-Modal Knowledge Graph with Triplet Fact Grounding.	AAAI	Jingping Liu*, Mingchuan Zhang, Weichen Li, Chao Wang, Shuang Li, Haiyun Jiang, Sihang Jiang, **Yanghua Xiao**, Yunwen Chen	2024
77	ANALOGYKB: Unlocking Analogical Reasoning of Language Models with A Million-scale Knowledge Base.	ACL	Siyu Yuan, Jiangjie Chen, Changzhi Sun, Jiaqing Liang*, **Yanghua Xiao**, Deqing Yang*	2024
78	InCharacter: Evaluating Personality Fidelity in Role-Playing Agents through Psychological Interviews.	ACL	Xintao Wang, Yunze Xiao, Jen-tse Huang, Siyu Yuan, Rui Xu, Haoran Guo, Quan Tu, Yaying Fei, Ziang Leng, Wei Wang, Jiangjie Chen, Cheng Li, **Yanghua Xiao***	2024
79	EmotionQueen: A Benchmark for Evaluating Empathy of Large Language Models.	ACL (Findings)	Yuyan Chen, Songzhou Yan, Sijia Liu, Yueze Li, **Yanghua Xiao***	2024
80	HOTVCOM: Generating Buzzworthy Comments for Videos.	ACL (Findings)	Yuyan Chen, Yiwen Qian, Songzhou Yan, Jiyuan Jia, Zhixu Li,**Yanghua Xiao**, Xiaobo Li, Aaron Xuxiang Tian, Ming Yang, Qingpei Guo*	2024
81	Do Large Language Models have Problem-Solving Capability under Incomplete Information Scenarios?	ACL (Findings)	Yuyan Chen, Yueze Li, Songzhou Yan, Sijia Liu, Jiaqing Liang, **Yanghua Xiao***	2024
82	Dr.Academy: A Benchmark for Evaluating Questioning Capability in	ACL	Yuyan Chen, Songzhou Yan, Panjun Liu, **Yanghua Xiao***	2024

	Education for Large Language Models.			
83	TimeArena: Shaping Efficient Multitasking Language Agents in a Time-Aware Simulation.	ACL	Yikai Zhang, Siyu Yuan, Caiyu Hu, Kyle Richardson, **Yanghua Xiao***, Jiangjie Chen*	2024
84	GumbelSoft: Diversified Language Model Watermarking via the GumbelMax-trick.	ACL	Jiayi Fu, Xuandong Zhao, Ruihan Yang, Yuansen Zhang, Jiangjie Chen, **Yanghua Xiao***	2024
85	GeoAgent: To Empower LLMs using Geospatial Tools for Address Standardization.	ACL (Findings)	Chenghua Huang, Shisong Chen, Zhixu Li*, Jianfeng Qu*, **Yanghua Xiao**, Jiaxin Liu, Zhigang Chen	2024
86	Light Up the Shadows: Enhance Long-Tailed Entity Grounding with Concept-Guided Vision-Language Models.	ACL (Findings)	Yikai Zhang, Qianyu He, Xintao Wang, Siyu Yuan, Jiaqing Liang*, **Yanghua Xiao***	2024
87	CR-LLM: A Dataset and Optimization for Concept Reasoning of Large Language Models.	ACL (Findings)	Nianqi Li, Jingping Liu, Sihang Jiang*, Haiyun Jiang, **Yanghua Xiao***, Jiaqing Liang, Zujie Liang, Feng Wei, Jinglei Chen, Zhenghong Hao, Bing Han	2024
88	Effective In-Context Learning for Named Entity Recognition.	BIBM	Jin Zhao, Qian Guo, Jiaqing Liang, Zhixu Li*, **Yanghua Xiao***	2024
89	Source Prompt: Coordinated Pre-training of Language Models on Diverse Corpora from Multiple Sources.	CIKM	Yipei Xu, Dakuan Lu, Jiaqing Liang*, Jin Zhao, Xintao Wang, Hengkui Wu, Ken Chen, Liujiang Liu, Yingsi Xin, Xuepeng Liu, **Yanghua Xiao**, Zhixu Li	2024
90	M 2 ConceptBase: A Fine-Grained Aligned Concept-Centric Multimodal Knowledge Base.	CIKM	Zhiwei Zha, Jiaan Wang, Zhixu Li*, Xiangru Zhu, Wei Song, **Yanghua Xiao**	2024

91	Improving Recall of Large Language Models: A Model Collaboration Approach for Relational Triple Extraction.	LREC/COLING	Zepeng Ding, Wenhao Huang, Jiaqing Liang*, **Yanghua Xiao**, Deqing Yang	2024
92	Negation Triplet Extraction with Syntactic Dependency and Semantic Consistency.	LREC/COLING	Yuchen Shi, Deqing Yang*, Jingping Liu, **Yanghua Xiao**, Zongyu Wang, Huimin Xu	2024
93	Empowering Biomedical Named Entity Recognition through Multi-Tagger Collaboration.	ECAI	Jin Zhao, Jian Xie, Tinghui Zhu, Qian Guo, Zhixu Li, **Yanghua Xiao***	2024
94	DetectBench: Can Large Language Model Detect and Piece Together Implicit Evidence?	EMNLP (Findings)	Zhouhong Gu, Lin Zhang, Xiaoxuan Zhu, Jiangjie Chen, Wenhao Huang, Yikai Zhang, Shusen Wang, Zheyu Ye, Yan Gao*, Hongwei Feng*, **Yanghua Xiao**	2024
95	AutoScraper: A Progressive Understanding Web Agent for Web Scraper Generation.	EMNLP	Wenhao Huang, Zhouhong Gu, Chenghao Peng, Jiaqing Liang*, Zhixu Li, **Yanghua Xiao***, Liqian Wen, Zulong Chen	2024
96	CONSTRUCTURE: Benchmarking CONcept STRUCTUre REasoning for Multimodal Large Language Models.	EMNLP (Findings)	Zhiwei Zha, Xiangru Zhu, Yuanyi Xu, Chenghua Huang, Jingping Liu, Zhixu Li*, Xuwu Wang, **Yanghua Xiao**, Bei Yang, Xiaoxiao Xu	2024
97	Is There a One-Model-Fits-All Approach to Information Extraction? Revisiting Task Definition Biases.	EMNLP (Findings)	Wenhao Huang, Qianyu He, Zhixu Li, Jiaqing Liang*, **Yanghua Xiao***	2024

98	From Complex to Simple: Enhancing Multi-Constraint Complex Instruction Following Ability of Large Language Models.	EMNLP (Findings)	Qianyu He, Jie Zeng, Qianxi He, Jiaqing Liang*, **Yanghua Xiao***	2024
99	Capturing Minds, Not Just Words: Enhancing Role-Playing Language Models with Personality-Indicative Data.	EMNLP (Findings)	Yiting Ran, Xintao Wang, Rui Xu, Xinfeng Yuan, Jiaqing Liang*, **Yanghua Xiao**, Deqing Yang	2024
100	ESC-Eval: Evaluating Emotion Support Conversations in Large Language Models.	EMNLP	Haiquan Zhao, Lingyu Li, Shisong Chen, Shuqi Kong, Jiaan Wang, Kexin Huang, Tianle Gu, Yixu Wang, Jian Wang, Dandan Liang, Zhixu Li*, Yan Teng*, **Yanghua Xiao**, Yingchun Wang	2024
101	SEGMENT+: Long Text Processing with Short-Context Language Models.	EMNLP	Wei Shi, Shuang Li, Kerun Yu, Jinglei Chen, Zujie Liang, Xinhui Wu, Yuxi Qian, Feng Wei, Bo Zheng, Jiaqing Liang, Jiangjie Chen*, **Yanghua Xiao***	2024
102	Enhancing Quantitative Reasoning Skills of Large Language Models through Dimension Perception.	ICDE	Yuncheng Huang, Qianyu He, Jiaqing Liang*, Sihang Jiang, **Yanghua Xiao***, Yunwen Chen	2024
103	TravelPlanner: A Benchmark for Real-World Planning with Language Agents.	ICML	Jian Xie*, Kai Zhang*, Jiangjie Chen, Tinghui Zhu, Renze Lou, Yuandong Tian, **Yanghua Xiao**, Yu Su*	2024
104	KnowLog: Knowledge Enhanced Pre-trained Language Model for Log Understanding.	ICSE	Lipeng Ma, Weidong Yang*, Bo Xu*, Sihang Jiang, Ben Fei, Jiaqing Liang, Mingjie Zhou, **Yanghua Xiao**	2024

105	XMeCap: Meme Caption Generation with Sub-Image Adaptability.	ACM Multimedia	Yuyan Chen, Songzhou Yan, Zhihong Zhu, Zhixu Li*, **Yanghua Xiao***	2024
106	Reason from Fallacy: Enhancing Large Language Models' Logical Reasoning through Logical Fallacy Understanding.	NAACL-HLT (Findings)	Yanda Li, Dixuan Wang, Jiaqing Liang*, Guochao Jiang, Qianyu He, **Yanghua Xiao**, Deqing Yang*	2024
107	Faster Local Solvers for Graph Diffusion Equations.	NeurIPS	Jiahe Bai, Baojian Zhou*, Deqing Yang, **Yanghua Xiao**	2024
108	Iterative Methods via Locally Evolving Set Process.	NeurIPS	Baojian Zhou*, Yifan Sun, Reza Babanezhad Harikandeh, Xingzhi Guo, Deqing Yang, **Yanghua Xiao**	2024
109	TemporalMed: Advancing Medical Dialogues with Time-Aware Responses in Large Language Models.	WSDM	Yuyan Chen, Jin Zhao, Zhihao Wen, Zhixu Li*, **Yanghua Xiao***	2024
110	Exploiting Duality in Open Information Extraction with Predicate Prompt.	WSDM	Zhen Chen, Jingping Liu*, Deqing Yang*, **Yanghua Xiao**, Huimin Xu, Zongyu Wang, Rui Xie, Yunsen Xian	2024
111	Multi-task entity linking with supervision from a taxonomy.	Knowl. Inf. Syst.	Xuwu Wang, Lihan Chen, Wei Zhu*, Yuan Ni, Guotong Xie, Deqing Yang, **Yanghua Xiao***	2023
112	EASC: An exception-aware semantic compression framework for real-world knowledge graphs.	Knowl. Based Syst.	Sihang Jiang, Jianchuan Feng, Chao Wang, Jingping Liu, Zhuozhi Xiong, Chaofeng Sha, Weiguo Zheng, Jiaqing Liang*, **Yanghua Xiao**	2023
113	Sweet Apple, company? or food? Adjective-centric commonsense knowledge acquisition with	Knowl. Based Syst.	Chao Wang*, Juntao Liu, Jingping Liu, Sihang Jiang, Zhixu Li, **Yanghua Xiao**	2023

	taxonomy-guided induction.			
114	Towards Fine-Grained Concept Generation.	IEEE Trans. Knowl. Data Eng.	Chenguang Li, Jiaqing Liang, **Yanghua Xiao***, Haiyun Jiang	2023
115	Prototypical Concept Representation.	IEEE Trans. Knowl. Data Eng.	Xintao Wang, Jiaqing Liang*, **Yanghua Xiao***, Wei Wang	2023
116	Noun Compound Interpretation With Relation Classification and Paraphrasing.	IEEE Trans. Knowl. Data Eng.	Jingping Liu*, Juntao Liu, Lihan Chen, Jiaqing Liang, **Yanghua Xiao***, Huimin Xu, Fubao Zhang, Zongyu Wang, Rui Xie	2023
117	Learning Dual-view User Representations for Enhanced Sequential Recommendation.	ACM Trans. Inf. Syst.	Lyuxin Xue, Deqing Yang*, Shuoyao Zhai, Yuxin Li, **Yanghua Xiao**	2023
118	End-to-End Entity Linking with Hierarchical Reinforcement Learning.	AAAI	Lihan Chen, Tinghui Zhu, Jingping Liu, Jiaqing Liang, **Yanghua Xiao***	2023
119	GANTEE: Generative Adversarial Network for Taxonomy Enterance Evaluation.	AAAI	Zhouhong Gu, Sihang Jiang, Jingping Liu*, **Yanghua Xiao***, Hongwei Feng, Zhixu Li, Jiaqing Liang, Jian Zhong	2023
120	MAPS-KB: A Million-Scale Probabilistic Simile Knowledge Base.	AAAI	Qianyu He, Xintao Wang, Jiaqing Liang*, **Yanghua Xiao***	2023
121	Converge to the Truth: Factual Error Correction via Iterative Constrained Editing.	AAAI	Jiangjie Chen, Rui Xu, Wenxuan Zeng, Changzhi Sun*, Lei Li, **Yanghua Xiao***	2023
122	Competition or Cooperation? Exploring Unlabeled Data via Challenging Minimax Game for	AAAI	Yu Hong, Jiahang Li, Jianchuan Feng, Chenghua Huang, Zhixu Li*, Jianfeng Qu, **Yanghua Xiao**, Wei Wang	2023

	Semi-supervised Relation Extraction.			
123	FashionKLIP: Enhancing E-Commerce Image-Text Retrieval with Fashion Multi-Modal Conceptual Knowledge Graph.	ACL (industry)	Xiaodan Wang, Chengyu Wang, Lei Li, Zhixu Li*, Ben Chen, Linbo Jin, Jun Huang, **Yanghua Xiao***, Ming Gao	2023
124	Distilling Script Knowledge from Large Language Models for Constrained Language Planning.	ACL	Siyu Yuan, Jiangjie Chen*, Ziquan Fu, Xuyang Ge, Soham Shah, Charles Robert Jankowski, **Yanghua Xiao**, Deqing Yang*	2023
125	Causality-aware Concept Extraction based on Knowledge-guided Prompting.	ACL	Siyu Yuan, Deqing Yang*, Jinxi Liu, Shuyu Tian, Jiaqing Liang, **Yanghua Xiao***, Rui Xie	2023
126	Say What You Mean! Large Language Models Speak Too Positively about Negative Commonsense Knowledge.	ACL	Jiangjie Chen, Wei Shi, Ziquan Fu, Sijie Cheng, Lei Li, **Yanghua Xiao***	2023
127	HAUSER: Towards Holistic and Automatic Evaluation of Simile Generation.	ACL	Qianyu He, Yikai Zhang, Jiaqing Liang*, Yuncheng Huang, **Yanghua Xiao***, Yunwen Chen	2023
128	Adaptive Ordered Information Extraction with Deep Reinforcement Learning.	ACL (Findings)	Wenhao Huang, Jiaqing Liang*, Zhixu Li, **Yanghua Xiao***, Chuanjun Ji	2023
129	Hallucination Detection: Robustly Discerning Reliable Answers in Large Language Models.	CIKM	Yuyan Chen, Qiang Fu*, Yichen Yuan, Zhihao Wen, Ge Fan, Dayiheng Liu, Dongmei Zhang, Zhixu Li*, **Yanghua Xiao***	2023
130	Hadamard Adapter: An Extreme Parameter-Efficient	CIKM	Yuyan Chen, Qiang Fu*, Ge Fan, Lun Du, Jian-Guang Lou,	2023

	Adapter Tuning Method for Pre-trained Language Models.		Shi Han, Dongmei Zhang, Zhixu Li*, **Yanghua Xiao***	
131	Hierarchical Prompt Tuning for Few-Shot Multi-Task Learning.	CIKM	Jingping Liu*, Tao Chen, Zujie Liang, Haiyun Jiang, **Yanghua Xiao***, Feng Wei, Yuxi Qian, Zhenghong Hao, Bing Han	2023
132	AspectMMKG: A Multi-modal Knowledge Graph with Aspect-aware Entities.	CIKM	Jingdan Zhang, Jiaan Wang, Xiaodan Wang, Zhixu Li*, **Yanghua Xiao***	2023
133	HTMapper: Bidirectional Head-Tail Mapping for Nested Named Entity Recognition.	CIKM	Jin Zhao, Zhixu Li*, **Yanghua Xiao***, Jiaqing Liang, Jingping Liu	2023
134	Beneath Surface Similarity: Large Language Models Make Reasonable Scientific Analogies after Structure Abduction.	EMNLP (Findings)	Siyu Yuan, Jiangjie Chen*, Xuyang Ge, **Yanghua Xiao**, Deqing Yang*	2023
135	MAPO: Boosting Large Language Model Performance with Model-Adaptive Prompt Optimization.	EMNLP (Findings)	Yuyan Chen, Zhihao Wen, Ge Fan, Zhengyu Chen, Wei Wu*, Dayiheng Liu, Zhixu Li, Bang Liu, **Yanghua Xiao***	2023
136	Group Buying Recommendation Model Based on Multi-task Learning.	ICDE	Shuoyao Zhai, Baichuan Liu, Deqing Yang*, **Yanghua Xiao**	2023
137	ServerRCA: Root Cause Analysis for Server Failure using Operating System Logs.	ISSRE	Jiahao Shi, Sihang Jiang, Bo Xu*, **Yanghua Xiao***	2023
138	ShellGPT: Generative Pre-trained Transformer Model for Shell Language Understanding.	ISSRE	Jie Shi, Sihang Jiang, Bo Xu*, Jiaqing Liang*, **Yanghua Xiao**, Wei Wang	2023

139	Efficient Single-Source SimRank Query by Path Aggregation.	KDD	Mingxi Zhang, **Yanghua Xiao**, Wei Wang	2023
140	QUERT: Continual Pre-training of Language Model for Query Understanding in Travel Domain Search.	KDD	Jian Xie, Yidan Liang, Jingping Liu*, **Yanghua Xiao***, Baohua Wu, Shenghua Ni	2023
141	M3PT: A Multi-Modal Model for POI Tagging.	KDD	Jingsong Yang, Guanzhou Han, Deqing Yang*, Jingping Liu*, **Yanghua Xiao**, Xiang Xu, Baohua Wu, Shenghua Ni	2023
142	Towards Visual Taxonomy Expansion.	ACM Multimedia	Tinghui Zhu, Jingping Liu*, Jiaqing Liang, Haiyun Jiang, **Yanghua Xiao***, Zongyu Wang, Rui Xie, Yunsen Xian	2023
143	MA-MRC: A Multi-answer Machine Reading Comprehension Dataset.	SIGIR	Zhiang Yue, Jingping Liu*, Cong Zhang, Chao Wang, Haiyun Jiang, Yue Zhang, Xianyang Tian, Zhedong Cen, **Yanghua Xiao***, Tong Ruan	2023
144	AGREE: Aligning Cross-Modal Entities for Image-Text Retrieval Upon Vision-Language Pre-trained Models.	WSDM	Xiaodan Wang, Lei Li, Zhixu Li*, Xuwu Wang, Xiangru Zhu, Chengyu Wang, Jun Huang, **Yanghua Xiao***	2023
145	Can Pre-trained Language Models Understand Chinese Humor?	WSDM	Yuyan Chen, Zhixu Li*, Jiaqing Liang, **Yanghua Xiao***, Bang Liu, Yunwen Chen	2023
146	What Image do You Need? A Two-stage Framework for Image Selection in E-commerce.	WWW (Companion Volume)	Sheng You, Chao Wang, Baohua Wu, Jingping Liu*, Quan Lu, Guanzhou Han, **Yanghua Xiao**	2023
147	VoCSK: Verb-oriented commonsense knowledge mining with taxonomy-guided induction.	Artif. Intell.	Jingping Liu, Tao Chen, Chao Wang, Jiaqing Liang, Lihan Chen, **Yanghua Xiao***, Yunwen Chen, Ke Jin	2022

148	Harnessing Knowledge and Reasoning for Human-Like Natural Language Generation: A Brief Review.	IEEE Data Eng. Bull.	Jiangjie Chen, **Yanghua Xiao**	2022
149	A Probit Tensor Factorization Model For Relational Learning.	J. Comput. Graph. Stat.	Ye Liu, Rui Song*, Wenbin Lu, **Yanghua Xiao**	2022
150	Rule mining over knowledge graphs via reinforcement learning.	Knowl. Based Syst.	Lihan Chen, Sihang Jiang, Jingping Liu, Chao Wang, Sheng Zhang, Chenhao Xie, Jiaqing Liang, **Yanghua Xiao***, Rui Song	2022
151	Entity understanding with hierarchical graph learning for enhanced text classification.	Knowl. Based Syst.	Chao Wang, Haiyun Jiang*, Tao Chen, Jingping Liu, Menghui Wang, Sihang Jiang, Zhixu Li, **Yanghua Xiao***	2022
152	Neurally-Guided Semantic Navigation in Knowledge Graph.	IEEE Trans. Big Data	Liang He, Bin Shao, **Yanghua Xiao**, Yatao Li, Tie-Yan Liu, Enhong Chen*, Huanhuan Xia	2022
153	Spiral of Silence and Its Application in Recommender Systems.	IEEE Trans. Knowl. Data Eng.	Chen Lin*, Dugang Liu, Hanghang Tong, **Yanghua Xiao**	2022
154	Generating Knowledge-Based Attentive User Representations for Sparse Interaction Recommendation.	IEEE Trans. Knowl. Data Eng.	Deqing Yang*, Chenlu Shen, Baichuan Liu, Lyuxin Xue, **Yanghua Xiao**	2022
155	Unsupervised Editing for Counterfactual Stories.	AAAI	Jiangjie Chen, Chun Gan, Sijie Cheng, Hao Zhou*, **Yanghua Xiao***, Lei Li	2022
156	LOREN: Logic-Regularized Reasoning for Interpretable Fact Verification.	AAAI	Jiangjie Chen, Qiaoben Bao, Changzhi Sun, Xinbo Zhang, Jiaze Chen, Hao Zhou, **Yanghua Xiao***, Lei Li*	2022

157	E-KAR: A Benchmark for Rationalizing Natural Language Analogical Reasoning.	ACL (Findings)	Jiangjie Chen, Rui Xu, Ziquan Fu, Wei Shi, Zhongqiao Li, Xinbo Zhang, Changzhi Sun*, Lei Li, **Yanghua Xiao***, Hao Zhou	2022
158	WikiDiverse: A Multimodal Entity Linking Dataset with Diversified Contextual Topics and Entity Types.	ACL	Xuwu Wang, Junfeng Tian, Min Gui, Zhixu Li*, Rui Wang, Ming Yan, Lihan Chen, **Yanghua Xiao***	2022
159	Can Pre-trained Language Models Interpret Similes as Smart as Human?	ACL	Qianyu He, Sijie Cheng, Zhixu Li*, Rui Xie, **Yanghua Xiao***	2022
160	Crossword Puzzle Resolution via Monte Carlo Tree Search.	ICAPS	Lihan Chen, Jingping Liu, Sihang Jiang, Chao Wang, Jiaqing Liang, **Yanghua Xiao***, Sheng Zhang, Rui Song*	2022
161	Can We Have Both Fish and Bear's Paw?: Improving Performance, Reliability, and both of them for Relation Extraction under Label Shift.	CIKM	Yu Hong, Zhixu Li*, Jianfeng Qu, Jiaqing Liang, Yi Luo, Miyu Zhang, **Yanghua Xiao***, Wei Wang	2022
162	A Context-Enhanced Generate-then-Evaluate Framework for Chinese Abbreviation Prediction.	CIKM	Hanwen Tong, Chenhao Xie, Jiaqing Liang, Qianyu He, Zhiang Yue, Jingping Liu*, **Yanghua Xiao***, Wenguang Wang	2022
163	A Context-Enhanced Transformer with Abbr-Recover Policy for Chinese Abbreviation Prediction.	CIKM	Kaiyan Cao, Deqing Yang*, Jingping Liu*, Jiaqing Liang, **Yanghua Xiao**, Feng Wei, Baohua Wu, Quan Lu	2022
164	Different Data, Different Modalities! Reinforced Data Splitting for Effective	COLING	Bo Xu, Shizhou Huang, Ming Du*, Hongya Wang, Hui Song, Chaofeng Sha, **Yanghua Xiao**	2022

	Multimodal Information Extraction from Social Media Posts.			
165	Improving Continual Relation Extraction through Prototypical Contrastive Learning.	COLING	Chengwei Hu, Deqing Yang*, Haoliang Jin, Zhen Chen, **Yanghua Xiao**	2022
166	Human-in-the-loop Robotic Grasping Using BERT Scene Representation.	COLING	Yaoxian Song, Penglei Sun, Pengfei Fang, Linyi Yang, **Yanghua Xiao**, Yue Zhang*	2022
167	Parsing Natural Language into Propositional and First-Order Logic with Dual Reinforcement Learning.	COLING	Xuantao Lu, Jingping Liu*, Zhouhong Gu, Hanwen Tong, Chenhao Xie, Junyang Huang, **Yanghua Xiao***, Wenguang Wang	2022
168	ARTIST: A Transformer-based Chinese Text-to-Image Synthesizer Digesting Linguistic and World Knowledge.	EMNLP (Findings)	Tingting Liu, Chengyu Wang, Xiangru Zhu, Lei Li, Minghui Qiu, Jun Huang, Ming Gao*, **Yanghua Xiao**	2022
169	Generative Entity Typing with Curriculum Learning.	EMNLP	Siyu Yuan, Deqing Yang*, Jiaqing Liang, Zhixu Li, Jinxi Liu, Jingyue Huang, **Yanghua Xiao***	2022
170	Grow-and-Clip: Informative-yet-Concise Evidence Distillation for Answer Explanation.	ICDE	Yuyan Chen, **Yanghua Xiao***, Bang Liu	2022
171	Learning What You Need from What You Did: Product Taxonomy Expansion with User Behaviors Supervision.	ICDE	Sijie Cheng, Zhouhong Gu, Bang Liu, Rui Xie, Wei Wu, **Yanghua Xiao***	2022
172	CAT-MNER: Multimodal Named Entity Recognition	ICME	Xuwu Wang, Jiabo Ye, Zhixu Li*, Junfeng Tian, Yong Jiang,	2022

	with Knowledge-Refined Cross-Modal Attention.		Ming Yan, Ji Zhang, **Yanghua Xiao***	
173	Factorial User Modeling with Hierarchical Graph Neural Network for Enhanced Sequential Recommendation.	ICME	Lyuxin Xue, Deqing Yang*, **Yanghua Xiao**	2022
174	Language Models as Knowledge Embeddings.	IJCAI	Xintao Wang, Qianyu He, Jiaqing Liang*, **Yanghua Xiao***	2022
175	Neighbors Are Not Strangers: Improving Non-Autoregressive Translation under Low-Frequency Lexical Constraints.	NAACL-HLT	Chun Zeng, Jiangjie Chen, Tianyi Zhuang, Rui Xu, Hao Yang, Ying Qin, Shimin Tao, **Yanghua Xiao***	2022
176	Contextual Information and Commonsense Based Prompt for Emotion Recognition in Conversation.	ECML/PKDD (2)	Jingjie Yi, Deqing Yang*, Siyu Yuan, Kaiyan Cao, Zhiyao Zhang, **Yanghua Xiao**	2022
177	Harvesting More Answer Spans from Paragraph beyond Annotation.	WSDM	Qiaoben Bao, Jiangjie Chen, Linfang Liu, Jingping Liu, Jiaqing Liang, **Yanghua Xiao***	2022
178	Diversified Query Generation Guided by Knowledge Graph.	WSDM	Xinyao Shen, Jiangjie Chen, Jiaze Chen, Chun Zeng, **Yanghua Xiao***	2022
179	A Sequence-to-Sequence Model for Large-scale Chinese Abbreviation Database Construction.	WSDM	Chao Wang, Jingping Liu, Tianyi Zhuang, Jiahang Li, Juntao Liu, **Yanghua Xiao***, Wei Wang, Rui Xie	2022

(3) Publication of Chinese Journal Papers in the Past Five Years

No.	Paper Title	Publication Venue	Author(s)	Publication Date/Volume/Issue
1	Data Bottlenecks and Breakthrough Paths in the	People's Tribune · Aca	Xiao Yanghua	2026(11)

	Development of Artificial Intelligence	demic Frontiers		
2	The Hidden Security Concerns of Intelligent Agents Behind the "Crayfish Farming Craze"	People's Tribune	Xiao Yanghua	2026(6)
3	Intelligent Native Enterprises Shaping a New Landscape of the Intelligent Economy	People's Tribune	Xiao Yanghua	2025(23)
4	A Multi-View Inductive Knowledge Graph Completion Framework with Differentiation Mechanisms	Journal of Software	Tong Hanwen, Qian Yuxi, Liu Jingping, Liang Zujie, Xiao Yanghua, Wei Feng, Hao Zhenghong, Han Bing	2025, 36(12)
5	Fine-Grained Multimodal Entity Linking for Videos	Journal of Software	Zhao Haiquan, Wang Xuwu, Li Jinliang, Li Zhixu, Xiao Yanghua	2024, 35(3)
6	New Developments and Reflections on the Large AI Model Landscape	People's Tribune · Academic Frontiers	Xiao Yanghua	2024(13)
7	Generative Language Models and Artificial General Intelligence: Connotations, Paths, and Implications	People's Tribune · Academic Frontiers	Xiao Yanghua	2023(14)

VII. Research Projects

(1) University-Government / University-Enterprise Joint Laboratory Projects

No.	Laboratory Name	Funding Source	Amount (10K RMB)	Project Period	Rank
1	Artificial General Intelligence Laboratory	Shanghai Qingpu-Fudan Institute of Future Technology	15000	2026-2029	1
2	Joint Laboratory with Shanghai Qiyuan Xindongli Technology Co., Ltd.	Shanghai Qiyuan Xindongli Technology Co., Ltd.	500	2026.6-2029.8	1
3	Fudan-AISHU Cognitive Intelligence Joint Research Center	Shanghai AISHU Information Technology Co., Ltd.	1000	2020.12.1-2023.11.30	1

(2) Industry-Sponsored (Horizontal) Projects

No.	Project Name	Funding Source	Amount (10K RMB)	Project Period	Rank
1	Construction of Multilingual Core Capabilities and Key Data Technologies for Large Models	Huawei Technologies Co., Ltd.	154.5	2026.8.21-2027.11.21	1
2	Research and Application of Key Technologies for Self-Evolving Agents	Shenzhen Kuakua Jingling Technology Co., Ltd.	12.5	2026.6.1-2026.12.1	1
3	Automated Evaluation Platform and Key Technologies for Large Language Models	Lingyang Intelligent Technology Co., Ltd.	50	2026.5.14-2027.5.14	1
4	Capability Optimization for Aligning Vertical-Domain Agent Expert Reasoning in Large Language Models	Huawei Technologies Co., Ltd.	129.78	2026.3.20-2027.9.20	1
5	Fudan University-Huawei 'Intelligent Foundation' Industry-Education Integration Collaborative Education Base 2.0 (openPangu Domain)	Huawei Technologies Co., Ltd.	4	2026.2.5-2027	1
6	Intelligent Knowledge Extraction and Dynamic Profiling	Beijing Xinying Shijie Technology Co., Ltd.	50	2025.12.31-2026.6.30	1
7	Fudan University-Huawei Advanced Research Center for Data Science for Future Large Models — Technical Project Cooperation Agreement	Huawei Technologies Co., Ltd.	432.6	2025.12.5-2028.12.5	1
8	Research on Evaluation, Data, and Post-Training for AI for Science	Alibaba (China) Co., Ltd.	50	2025.12.4-2026.12.4	1
9	Research on Efficient Inference Technologies for Deep-Thinking Large Models (OP Special Technical Cooperation Project)	Huawei Technologies Co., Ltd.	32.96	2025.10.30-2026.1.30	1
10	Construction of Social Intelligence Corpus Data and Reinforcement Learning Model Training for Social Scenarios	Beijing Momo Information Technology Co., Ltd.	50	2025.11.13-2027.11.13	1

11	Construction of a Code Knowledge Base Driven by Underlying Software	Huawei Technologies Co., Ltd.	118.45	2025.5.12-2026.3.11	1
12	Technologies for Enhancing AI Role-Playing Capabilities Based on Large Models	Shanghai Xiyu Jizhi Technology Co., Ltd.	50	2025.1.17-2026.1.16	1
13	Cross-Lingual Data Mining, Transfer, and Evaluation Dataset Construction with Large Model Data	Huawei Technologies Co., Ltd.	124.8	2024.12.2-2025.12.2	1
14	Design and Training of a Shipping-Trade Large Model	Shanghai Yitong International Co., Ltd.	46.4	2024.11.21-2025.7.21	1
15	Digital-Storage AI-ModelEngine New Engineering Education — Huawei Industry-University Cooperation Collaborative Education Project	Huawei Technologies Co., Ltd.	5	2024.11.15-2025.10.30	1
16	Research on Methods for Optimizing Disciplinary Knowledge Systems and Cognitive Capabilities of Language Large Models	Huawei Technologies Co., Ltd.	324.45	2024.11.11-2026.5.11	1
17	Industrial-Grade NL2SQL Evaluation Dataset	Alipay (Hangzhou) Information Technology Co., Ltd.	30	2024.11.4-2025.11.4	1
18	Research on Controllability Theory and Technologies for Generative Large Models	Huawei Technologies Co., Ltd.	20.6	2024.10.23-2025.10.23	1
19	Research on Technologies for Autonomous Insurance Sales Agents	Ant Shengxin (Shanghai) Information Technology Co., Ltd.	50	2024.9.10-2025.9.10	1
20	Research on an Insurance Question-Answering System Fusing Large Language Models and Knowledge Graphs	Ant Shengxin (Shanghai) Information Technology Co., Ltd.	50	2024.9.19-2025.9.19	1
21	Vertical-Domain Model Data Optimization Technical Cooperation Project	Huawei Technologies Co., Ltd.	134.93	2024.7.26-2025.7.26	1

22	Development of a Large Language Model for Human Resources and Social Security Government Services	Chongqing Key Industry Human Resources Group Co., Ltd.	79.4	2024.4.15-2025.4.30	1
23	Research on Data Governance for Large Models	Alibaba (China) Co., Ltd.	50	2024.3.20-2025.3.20	1
24	Intelligent Service Generation Technology Based on Knowledge Graph Information and Large-Scale Pre-trained Language Models	Ant Fortune (Shanghai) Financial Information Service Co., Ltd.	50	2024.1.11-2025.1.11	1
25	Enterprise Intelligence & Fudan University Prof. Yanghua Xiao Academic Cooperation Project	Zhejiang Aicheng Technology Development Co., Ltd.	99.2	2024.1.31-2025.3.31	1
26	Code Intelligence Technical Cooperation Project Based on Large Models	Huawei Technologies Co., Ltd.	118.45	2024.1.15-2025.1.15	1
27	Technical Development of a Large-Model ChatBot for the Server Domain	xFusion Digital Technologies Co., Ltd.	72	2023.9.4-2024.7.15	1
28	Industry Cognitive Knowledge Production and Evaluation Based on Large Models	Zhejiang MYbank Co., Ltd.	49.56	2023.8.18-2024.8.18	1
29	Research Cooperation Project on Dual-System Closed-Loop Cognition Theory and Technology	Huawei Technologies Co., Ltd.	20	2023.5.30-2024.6.9	1
30	Key Technology R&D of a Cross-Layer Intelligent Fault-Diagnosis Knowledge Graph POC for the Cloud Core Network	Nokia Solutions and Networks Technology (Beijing) Co., Ltd.	25	2023.5.5-2023.7.31	1
31	Integration and Application of Knowledge Graph Technology in Three Major Intelligent Projects	Bosch Automotive Products (Suzhou) Co., Ltd.	45.88	2022.9.29-2023.9.29	1
32	Research on Algorithms for Automatically Mining and Constructing Industry Schemas	Zhejiang MYbank Co., Ltd.	49.56	2022.8.29-2023.8.29	1
33	Technical Cooperation Project on Automation of Operations Knowledge	Huaban Cloud Technology Co., Ltd.	124.7	2022.8.29-2023.8.29	1
34	Application of Knowledge Graphs in Fault Localization	xFusion Digital Technologies Co., Ltd.	78.29	2022.7.18-2023.7.30	1

35	Semantic Awareness Technical Cooperation Project Based on Network Context	Huawei Technologies Co., Ltd.	101.7	2022.7.18-2023.7.30	1
36	Error Correction Technical Cooperation Project in Machine Translation	Huawei Technologies Co., Ltd.	116.35	2022.7.4-2023.12.31	1
37	Research on Key Technologies of Educational Knowledge Graphs	Huawei Device Co., Ltd.	180	2022.1.10-2023.7.10	1
38	Technical Development of Intelligent Talent Recommendation Software	Shenzhen Jinri Talent Information Technology Co., Ltd.	80	2021.12.29-2022.12.30	1
39	Research on Large-Scale Knowledge Networks and Cognitive Intelligence	Huawei Technologies Co., Ltd.	20	2021.12.29-2022.12.31	1
40	Research on Knowledge-Based Multimodal Pre-training Technology	Alibaba (China) Network Technology Co., Ltd.	49.56	2021.9.6-2022.9.6	1
41	Construction of a POI-Centric Knowledge Graph	Taobao (China) Software Co., Ltd.	49.56	2021.7.21-2022.7.21	1
42	Planning and Survey of an Industrial Intelligent Knowledge Graph Platform for Suzhou	Administrative Committee of Suzhou Yangcheng Lake Peninsula Tourism Resort, Jiangsu	18	2021.6.29-2021.07.30	1
43	Research and Application of Key Technologies of Knowledge Engineering and Event Knowledge Graphs	Huawei Technologies Co., Ltd.	201	2021.5.31-2022.10.30	1
44	Machine Translation Cooperation Project Enhanced by Translation-Domain Knowledge	Huawei Technologies Co., Ltd.	115.76	2021.2.28-2021.12.31	1
45	Construction of a Concept-Centric Commonsense Knowledge Graph for the Life Services Domain	Beijing Sankuai Online Technology Co., Ltd.	70	2020.9.1-2021.8.30	1
46	Network Autonomous Driving Think Tank — Knowledge Graph Algorithm Technical Cooperation Project	Huawei Technologies Co., Ltd.	21	2020.7.30-2021.7.30	1

47	Research on the Construction of an Engineering Feature Library and Intelligent Design for the Power Industry Based on Knowledge Graph Technology	Shanghai Electric Power Design Institute Co., Ltd.	14.5	2020.3.18-2021.2.28	1
48	Domain Knowledge Graph Construction and Multimodal Research	Huawei Technologies Co., Ltd.	93	2020.1.31-2021.2.1	1
49	Development of a Flight Knowledge Graph Prototype System	Chengdu Aircraft Design & Research Institute, Aviation Industry Corporation of China	83	2020.12-2021.7	1
50	Knowledge Graph Construction for the Aero-Engine Experiment Domain and Its Key Knowledge Service Technologies	Sichuan Gas Turbine Research Institute, AECC	85	2019.12-2022.6	1
51	Knowledge-Guided Natural Language Generation	Beijing ByteDance Network Technology Co., Ltd.	25	2019.12.26-2020.12.26	1
52	Knowledge Acquisition and Application Cooperation Project	Huawei Technologies Co., Ltd.	142.6	2019.12.30-2020.12.30	1
53	Construction of Bidirectional Fault Propagation Graphs and KGBID Based on KGCA	Huawei Technologies Co., Ltd.	106	2019.9.30-2020.9.30	1
54	Key Technical Services for Knowledge Graphs and Intelligent Analysis of User Opinions	DataGrand Information Technology (Shanghai) Co., Ltd.	100	2019.3.20-2022.11.20	1
55	Research on the Construction and Application of an E-Commerce Knowledge Graph for Query Understanding	Taobao (China) Software Co., Ltd.	68	2019.5.17-2020.5.17	1
56	Querying and Browsing Knowledge Graphs via Natural Language	Ping An Medical Technology Co., Ltd.	30	2018.12.6-2019.10.14	1
57	Automatic Knowledge Construction System	Huawei Technologies Co.,	106.52	2018.11.14-2019.11.30	1

		Ltd.			
58	Knowledge Graph Construction for the Government Governance Domain	CETC Big Data Research Institute Co., Ltd.	79.7	2018.10.9-2019.10.30	1
59	Huawei Next-Generation Enterprise Knowledge Service Platform — University Cooperation Project on Knowledge Graphs	Huawei Technologies Co., Ltd.	243.2	2018.10.25-2019.9.30	1
60	Key Technology Research and Services for the BIFinder Business Opportunity Intelligent System	Henan 863 Software Incubator Co., Ltd.	25	2018.4.27-2019.12.31	1
61	Phase II of Code Search and Recommendation Optimization Based on Knowledge Graph Technology	Huawei Technologies Co., Ltd.	78.28	2017.4.28-2018.3.30	1
62	Development of an Intelligent Product Recommendation Platform for Weibo Based on Large-Scale Chinese Knowledge Graphs	Jiangsu Mingtong Information Technology Co., Ltd.	6.75	2016.12.29-2017.6.25	1
63	Development of Key Knowledge Graph Technologies	Huawei Technologies Co., Ltd.	121.54	2016.12.15-2017.12.30	1
64	Key Technology R&D on Natural Language Question Answering, Knowledge Graphs, and Deep Learning	Shanghai Zhizhen Intelligent Network Technology Co., Ltd.	110	2016.6.14-2016.12.31	1
65	Code Search Ranking and Recommendation Optimization Technology Based on Knowledge Graph Technology	Huawei Technologies Co., Ltd.	62	2015.9.23-2016.10.30	1
66	Implementation and Application of a Resource Management Platform for Large-Scale Cloud Data Centers	Shanghai Ideal Information Industry (Group) Co., Ltd.	20	2015.5.29-2015.7.31	1
67	Complex Query Processing over Large-Scale Historical IoT Data	IBM (China) Investment Co., Ltd.	10	2012.12.12-2013.12.30	1
68	Telecom Semantics and Data Mining Software System	Shanghai Tianguang Electronics Co., Ltd.	25	2013.3.28-2013.5.1	1

69	Research on Natural Language Question Answering Based on Knowledge Graphs	Beijing Baidu Netcom Science and Technology Co., Ltd.	10	2014.5.4-2014.12.31	1
70	Survey of Knowledge Graph Technology	Shanghai Zhizhen Website Technology Co., Ltd.	15	2015.5.4-2016.3.25	1

(3) Government-Funded (Vertical) Research Projects

No.	Project Name	Funding Source	Amount (10K RMB)	Project Period	Rank
1	2025 Shanghai Oriental Talent Top-notch Program	Shanghai Municipal Science and Technology Commission	60	2025.12.1-2028.11.31	1
2	Research on an Emotion-Cognition Computing Model Jointly Driven by Data and Knowledge	High-Tech Field Project, Shanghai Municipal Science and Technology Commission	200	2022.9.1-2024.8.31	1
3	Application Technology for XXX	XX Ministry / Commission	200	2021-2024	1
4	Research on Knowledge Representation and Construction Technologies for Scenario-Based Tactical Rules	Open Project of National and Ministerial Key Laboratories	30	2020.12.1-2021.12.31	1
5	Research on Key Technologies for Commonsense Acquisition and Understanding over Large-Scale Multimodal Data	High-Tech Field Project, Shanghai Municipal Science and Technology Commission	110	2019.9.1-2022.8.30	1
6	Project 3-8: Research and Application of Semi-Automated Knowledge Graphs	China Mobile Project of the Ministry of Education	80	2016.12.1-2017.12.31	1
7	Research on Key Technologies for Government Knowledge Base Construction and Citizen-Oriented Service Applications	Shanghai Science and Technology Innovation Action Plan	46.8	2016.7.1-2018.6.30	1
8	Research on Key Theories and Technologies for Universal Fusion Based on Knowledge Graphs	Key Basic Research Project, Shanghai	60	2015.9.1-2018.8.31	1

		Municipal Science and Technology Commission			
9	Research on Graph Symmetry and Its Applications in Graph Data Management	Fudan University Young Scientists Fund	4	2009.9.1-2011.9.1	1
10	Research on Key Technologies for Query Processing over Web Social Networks	Young Scientists Fund of the National Natural Science Foundation of China	19	2011.1.1-2013.12.31	1
11	Research on Key Technologies for Query Processing over Large-Scale Social Network Data	Doctoral Fund of the Ministry of Education	3.6	2011.1.1-2013.12.31	1
12	Research on Key Technologies for an Internet Marketing Intelligent Analysis Engine Based on User-Behavior Domain Knowledge Bases	Shanghai Science and Technology Innovation Action Plan	52.5	2013.7.1-2015.7.1	1
13	Research on Key Technologies for Query Processing over Large-Scale Knowledge Graphs	General Program of the National Natural Science Foundation of China	83	2015.1.1-2018.12.31	1
14	Cloud-Computing-Based Distributed Public Opinion Management and Digital Marketing Decision Support System WisTrackingV3.0	Project of Shanghai Municipal Economic Commission	30	2013.9.1-2014.8.31	1
15	Research on Big Data Application Models Based on Government Information Resources	Project of Shanghai Municipal Economic Commission	9.8	2014.7.1-2015.6.30	1

VIII. Public Service

(1) Academic Positions

Start Year	End Year	Academic Position
2026	Present	Vice President, Shanghai Qingpu-Fudan Institute of Future Technology

2025	2025	Publication Chair, International Conference on Digital Economy and Intelligent Computing (DEIC 2025)
2024	2027	Editorial Board Member, 1st Editorial Committee of Intelligent Sensing Engineering
2024	Present	Deputy Director, New Media Management Committee, China Enterprise Management Research Association
2024	Present	Expert Committee Member, Digital China Research Institute (Fujian)
2024	2024	Chair, 2024 DataFun & Dataology Data Intelligence Conference
2023	2027	Deputy Chairman, Regional Big Data Committee, China Society of Territorial Economists
2023	Present	Director, Shanghai Key Laboratory of Data Science
2023	Present	AI Scientist, Shanghai Academy of Artificial Intelligence for Science
2023	Present	Distinguished Professor, Eye & ENT Hospital of Fudan University
2023	Present	Dual-Appointed Researcher, Fudan Yiwu Research Institute
2023	Present	Member, Expert Committee of Shanghai Artificial Intelligence Technology Association
2022	2025	Chairman, Academic Committee of Jiangsu Provincial Basic Education Big Data Application Engineering Research Center
2022	Present	Member, Expert Group of the Ministry of Education's Key Field Teaching Resources and New Textbook Construction Project
2022	Present	Distinguished Researcher, Fudan University Institute of Global All-Media
2022	Present	Member, Distinguished Academic Committee of Fudan University Institute of Global All-Media
2022	Present	Concurrent Professor, Fudan University Institute of AI Industry
2022	Present	Distinguished Professor, Institute of Intelligent Education, East China Normal University
2022	2023	Expert Committee of the Book Series on Affective Intelligence Theory and Methods
2024	2024	Steering Committee Chair, The 2024 International Conference on Progress in Informatics and Computing (PIC 2024)
2021	2021	Steering Committee Chair, The 2021 International Conference on Progress in Informatics and Computing (PIC 2021)
2022	Present	Program Committee Chair, The 36th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2023)
2022	Present	Associate Editor, Applied Intelligence
2021	2022	Honorary Chair, DataFun Summit Knowledge Graph Online Summit
2021	Present	Editorial Board Member, Artificial Intelligence (MDPI)

2021	Present	Young Associate Editor, Journal of Computer Science and Technology (JCST)
2020	2020	Program Committee Chair, The 2020 International Conference on Progress in Informatics and Computing (PIC 2020)
2020	2020	Area Chair, The 19th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SoMeT 2020)
2019	Present	Editorial Board Member, Data Intelligence
2019	Present	Editorial Board Member, International Journal of Knowledge Science and Engineering
2019	2019	Area Chair, The 2019 International Conference on Progress in Informatics and Computing (PIC 2019)
2019	2019	Area Chair, The 18th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SoMeT 2019)
2019	2019	Program Area Chair, The 7th National Conference on Intelligent Information Processing (NCIIP 2019)
2019	2019	Senior Program Committee Member, Thirty-Third AAAI Conference on Artificial Intelligence (AAAI-19)
2019	2020	Distinguished Expert, Expert Advisory Committee on Big Data Technology and Applications, Academician Workstation for Information Security Technology of Guangdong Province
2018	2023	Member, Knowledge Organization Committee, China Society for Scientific and Technical Information
2018	2018	Web Chair, The 5th International Conference on Big Data and Smart Computing (BigComp 2018)
2017	2017	Competition and Evaluation Chair, China Conference on Knowledge Graph and Semantic Computing (CCKS 2017)
2017	2017	Conference Co-Chair, The 1st International Conference of Smart World 2017 (ICSW 2017)
2017	2017	Program Committee Chair, International Conference on Artificial Intelligence and Computer Engineering (AICE 2017)
2017	2018	Senior Advisor, Lujiazui Smart Valley Global Young Scientists Collaborative Innovation Center
2016	Present	Expert Committee Member, Information Security and Social Management Innovation Laboratory, Shanghai Open University
2015	Present	Member, Language and Knowledge Computing Committee, Chinese Information Processing Society of China
2015	2018	Deputy Director, Shanghai Internet Big Data Engineering Technology Research Center
2015	2020	Member, Technical Expert Committee, Shanghai Intelligent Online Service Robot Engineering Technology Research Center
2013	2015	Young Associate Editor, Frontiers of Computer Science

(2) Social Positions

Start Year	End Year	Social Position
2024	Present	Advisor, Huawei Data Communication Product Line
2024	2024	Panel Speaker, Academic Conference on Cross-Cultural Dialogue on AI Ethics
2024	2024	Keynote Expert, Global Mental Health Academic Conference
2024	2024	Keynote Expert, DAMS China Data Intelligence Management Summit
2024	2024	Keynote Expert, DataFun & Dataology Data Intelligence Conference
2024	2024	Keynote Expert, QECon Global Software Quality and Effectiveness Conference
2024	2024	Invited Speaker, Huawei Roman Forum High-End Forum
2024	2024	Invited Speaker, ZTE Distinguished Lecture Series
2024	2024	Keynote Expert, Special Forum of the BAAI Conference
2024	2024	Roundtable Speaker (Main Venue) and Keynote Expert (Sub-forum), Bund Summit
2024	2024	Roundtable Guest, Sub-forum of the Pujiang Innovation Forum
2024	2024	Roundtable Guest, Lianhe Zaobao Singapore-China Forum
2024	2024	Roundtable Guest, Fortune China 500 Summit
2023	2028	Executive Director, New Media Management Committee, China Enterprise Management Research Association
2023	2023	Expert Reviewer, Review Committee of AFAC 2023 Financial Intelligence Challenge
2023	2023	EMBA Guest Professor, Fanhai International School of Finance, Fudan University
2023	2023	Keynote Speaker, Digital Economy (East Lake) Forum
2023	2023	Keynote Expert, Special Forum of the World Intelligence Congress
2023	2023	Keynote Expert, Sub-forum of the Bund Summit
2023	2023	Keynote Expert, Sub-forum of the Shanghai Forum
2023	2023	Roundtable Guest, Fortune ESG Summit
2022	2024	Roundtable Speaker and Keynote Speaker, Huawei Cloud AI Deans' Summit
2022	2024	Keynote Expert, Special Forum of the World Artificial Intelligence Conference
2022	Present	Member, Expert Group of the Ministry of Education's Key Field Teaching Resources and New Textbook Construction Project
2022	2022	Expert, 2022 National Finals of the China College Student Service Outsourcing Innovation and Entrepreneurship Competition

2021	2021	Review Judge, the 1st Wind Everest Competition
2021	2022	Advisor, Industrial Internet Association of CEIBS Alumni Association (Suzhou)
2020	2020	Guiding Expert, 2nd 'Huiyuan Sharing' University Open Data Innovation Research Competition
2020	2021	Invited Expert, Knowledge Graph Industry Development of Suzhou Industrial Park
2019	2019	Expert Judge, 2019 Data Intelligence Innovation Application Competition
2019	2020	Expert Advisor, IT Professional Books of Posts & Telecom Press
2019	2019	Review Expert, the 1st Chinese NL2SQL Challenge
2018	2024	Senior Advisor, DataGrand
2018	2023	Innovation and Entrepreneurship (Technical) Mentor, Henan 863 Software Incubator Co., Ltd.
2015	2017	Expert, Pudong New Area Science and Technology Development Fund
2012	2013	Chief Scientist, Shanghai Jiadao Information Technology Co., Ltd.

IX. Student Supervision

Student Category	Status	Count	Total
Supervised Doctoral Students	Graduated	10	22
	Currently Enrolled	12	
Supervised Master's Students	Graduated	75	101
	Currently Enrolled	26	

X. Student Awards

No.	Award	Awardee	Year	Rank
1	Outstanding Graduate of Shanghai	Wei Shi	2025	1/1
2	Outstanding Graduate of Shanghai	Yuncheng Huang	2025	1/1
3	Outstanding Master's Thesis, Shanghai Computer Society	Sijie Cheng	2024	1/1
4	Outstanding Doctoral Thesis, Shanghai Computer Society	Jiaqing Liang	2021	1/1

5	Outstanding Master's Thesis, Shanghai Computer Society	Chenguang Li	2021	1/1
6	Second Prize (National), 16th National College Student Information Security Competition (Works Category)	Aili Chen	2023	1/1
7	CIKM 2022 BEST SHORTPAPER	Jingping Liu	2022	2/3
8	Runner-up, Grid Event Intelligent Classification, 3rd Shandong Data Application Innovation and Entrepreneurship Competition 2022	Xuantao Lu	2022	1/1
9	Silver Medal, 2022 Kaggle - U.S. Patent Phrase to Phrase Matching	Xuantao Lu	2022	1/1
10	Silver Medal, 2022 Kaggle - Feedback Prize - Evaluating Student Writing	Xuantao Lu	2022	1/1
11	Champion, Weibo Topic Recognition, 2022 People's Daily Online AI Algorithm Challenge	Xuantao Lu	2022	1/1
12	Third Prize, Ant Fortune Track - Financial QA Challenge under Market Volatility, 2022 WAIC Hackathon	Xuantao Lu	2022	1/1
13	Third Prize, Ant Fortune Track - AntSQL Large-Scale Financial Semantic Parsing Chinese Text-to-SQL Challenge, 2022 WAIC Hackathon	Xuantao Lu	2022	1/1
14	Top 6, Chinese Insurance Few-Shot Multi-Task Competition, 2022 AIWIN - China Pacific Insurance	Xuantao Lu	2022	1/1
15	Technical Innovation Award, Event Coreference Resolution Task for the Communication Domain, 2021 CCKS Huawei	Xuantao Lu	2021	1/1
16	Runner-up, Event Coreference Resolution Task for the Communication Domain, 2021 CCKS Huawei	Xuantao Lu	2021	1/1
17	Third Prize, Article Quality Discrimination via Multi-Model Transfer Pre-training, 2021 DIGIX Huawei Global Campus AI Algorithm Elite Competition	Xuantao Lu	2021	1/1
18	Innovation Award, Article Quality Discrimination via Multi-Model Transfer Pre-	Xuantao Lu	2021	1/1

	training, 2021 DIGIX Huawei Global Campus AI Algorithm Elite Competition			
19	Third Prize, Question Tag Prediction Challenge, 2021 iFLYTEK AI Developer Competition	Xuantao Lu	2021	1/1
20	Champion, Simple Triage of Non-Standardized Disease Complaints Challenge, 2021 iFLYTEK AI Developer Competition	Xuantao Lu	2021	1/1
21	Best Paper Reproduction Award, Huawei Cloud	Jiaqing Liang	2021	1/1
22	First Place, Information Extraction, Language and Intelligence Technology Competition	Jiaqing Liang	2019	1/1

XI. Granted Patents

No.	Title	Patent No.	Publication Date	Inventors	Legal Status
1	Method and System for Constructing a Government-Domain Knowledge-Enhanced Text2SQL Framework	202610652190.8	2026-08-11	Dan Gao, Bo Xu, Jiaqing Liang, Yanghua Xiao, Fang Guo.	Granted
2	Method and Device for Constructing a Multi-Constraint Fused Hexa-Tuple Dataset for Government Text2SQL	202610644583.4	2026-07-28	Dan Gao, Bo Xu, Jiaqing Liang, Yanghua Xiao, Fang Guo.	Granted
3	Method and Apparatus for Large-Model Retrieval Question Answering Based on a Document Structure Tree	202510050486.8	2025-11-18	Qianxi He, Jin Liu, Lei Qiao, Ze Zhou, Jie Wu, Sihang Jiang, Jiaqing Liang, Yanghua Xiao, Fang Guo.	Granted
4	Evaluation Apparatus for the Emotion-Cognition Capability of Large Language Models	202410780037.4	2026-03-20	Yuyan Chen, Yueze Li, Jiaqing Liang, Yanghua Xiao.	Granted

5	Evaluation Apparatus for the Problem-Solving Capability of Large Language Models under Incomplete Information	202410780036.X	2026-03-24	Yuyan Chen, Yueze Li, Jiaqing Liang, Yanghua Xiao.	Granted
6	Method and System for Evaluating the Value of a Manufacturing Knowledge Graph	202410062445.6	2025-12-16	Lin Zhang, Zihan Li, Zhouhong Gu, Zhuozhi Xiong, Sihang Jiang, Hongwei Feng, Yanghua Xiao.	Granted
7	Method and System for Automatic Evaluation of Video Content Quality for Manufacturing	202410062442.2	2026-08-18	Xiaoxuan Zhu, Lin Zhang, Zihan Li, Zhouhong Gu, Zhuozhi Xiong, Hongwei Feng, Yanghua Xiao.	Granted
8	Method and Apparatus for Generating High-Context Empathy-Enhanced Responses of Large Language Models	202311856151.2	2026-03-24	Yuyan Chen, Yanghua Xiao, Zhixu Li.	Granted
9	Method and Apparatus for Time-Aware Enhanced Response Generation for Medical Dialogues	202311856149.5	2026-02-03	Yuyan Chen, Yanghua Xiao, Tinghao Shi, Zhixu Li.	Granted
10	Method and Apparatus for Meme Image Caption Generation with Sub-Image Adaptability	202311856147.6	2025-12-16	Yuyan Chen, Yanghua Xiao, Zhixu Li, Fang Guo.	Granted
11	Method and Apparatus for Automatic Evaluation of Video Content	202311822036.3	2026-06-30	Zhuozhi Xiong, Sihang Jiang, Xiaoxuan Zhu, Lin Zhang, Zihan Li,	Granted

	Quality for Manufacturing			Hongwei Feng, Yanghua Xiao.	
12	Method for Detecting the Reliability of Answers Generated by Large-Scale Language Models	202311195452.5	2026-07-17	Yuyan Chen, Zhixu Li, Jiaqing Liang, Yanghua Xiao, Fang Guo.	Granted
13	Method for Enhancing the Humor Response Capability of Pre-trained Language Models with High-Order Cognition	202311195450.6	2026-07-10	Yuyan Chen, Zhixu Li, Jiaqing Liang, Yanghua Xiao, Fang Guo.	Granted
14	Method for Automatic Job-Concept Acquisition and Graph Expansion in the Recruitment Domain	202310237736.X	2024-09-24	Jianchuan Feng, Xiaofan Xiao, Jiaqing Liang, Yanghua Xiao, Zhihui Xie, Xianren Wu, Weizhao Xu.	Granted
15	Intelligent Textbook Parsing System Based on Internal and External Resources	202310191676.2	2026-03-27	Yanghua Xiao, Shisong Chen, Zhixu Li, Hongwei Feng.	Granted
16	Method for Exploring the Humor Understanding Capability of Pre-trained Language Models	202310098163.7	2026-03-06	Yuyan Chen, Zhixu Li, Jiaqing Liang, Yanghua Xiao.	Granted
17	Knowledge-Enhanced Document-Label Attention Method for Multi-Label Text Classification	202310090342.6	2026-03-06	Yuyan Chen, Yanghua Xiao, Zhixu Li.	Granted
18	Resume Recommendation Method Based on Large-Scale Pre-trained Language	202310034610.2	2025-11-18	Ziqin Luo, Zhihui Xie, Jiaqing Liang, Dakuan Lu, Yanghua Xiao,	Granted

	Models and Contrastive Learning			Xianren Wu, Weizhao Xu.	
19	Method and Apparatus for Knowledge-Rich Question Generation for Question-Answering System Robustness	202211239666.3	2026-01-02	Yuyan Chen, Zhixu Li, Cong Zhang, Jiaqing Liang, Yanghua Xiao.	Granted
20	Method and Apparatus for Training a Reinforcement Learning Model and Determining Data Relationships	202210456091.4	2023-01-06	Xuantao Lu, Yueyi Wang, Jingping Liu, Yanghua Xiao, Zongyu Wang, Rui Xie, Wei Wu, Huimin Xu.	Granted
21	Concept Extraction System Based on Knowledge Prompts	202210419758.3	2024-11-15	Siyu Yuan, Deqing Yang, Yanghua Xiao.	Granted
22	Method, Apparatus, Device, and Storage Medium for Abbreviation Generation	202210408824.7	2023-03-31	Chao Wang, Jingping Liu, Hao Cheng, Yanghua Xiao, Huimin Xu, Zongyu Wang, Rui Xie, Wei Wu.	Granted
23	Method, Apparatus, Electronic Device, and Storage Medium for Acquiring Hypernym-Hyponym Relations	202210379451.5	2023-05-02	Sijie Cheng, Huimin Xu, Fubao Zhang, Zongyu Wang, Rui Xie, Wei Wu, Yanghua Xiao.	Granted
24	Method for Recognizing Visual Concepts for Multimodal Knowledge Graph Construction	202210188998.7	2026-02-24	Xueyao Jiang, Yanghua Xiao, Zhixu Li, Jiaqing Liang, Fang Guo.	Granted

25	Framework for Configuration Command Knowledge Extraction in the Operations Domain	202210181458.6	2025-05-13	Jin Zhao, Qiao Cheng, Zhiang Yue, Yanghua Xiao.	Granted
26	Method, Apparatus, and Electronic Device for Interpreting Compound Nouns	202210170360.0	2023-01-06	Juntao Liu, Zongyu Wang, Rui Xie, Huimin Xu, Fubao Zhang, Wei Wu, Jingping Liu, Yanghua Xiao.	Granted
27	Method, Device, Apparatus, and Medium for Rewriting Narrative Text	202111400842.2	2025-10-10	Hao Zhou, Jiangjie Chen, Chun Gan, Sijie Cheng, Yanghua Xiao, Lei Li.	Granted
28	Method, Device, Apparatus, and Medium for Verifying the Authenticity of an Expression	202111356625.8	2023-08-11	Xinbo Zhang, Jiangjie Chen, Qiaoben Bao, Changzhi Sun, Jiaze Chen, Hao Zhou, Yanghua Xiao, Lei Li.	Granted
29	Document Generation System	202010401491.6	2023-12-01	Xinyao Shen, Jiangjie Chen, Yanghua Xiao.	Granted
30	Error-Correction Apparatus for Chinese General Concept Graph	202010303271.X	2022-02-22	Shineng Fang, Jingping Liu, Yanghua Xiao.	Granted
31	Method and Apparatus for Converting Chinese Natural Language into Database Language	202010303263.5	2022-10-14	Jiangjie Chen, Jiaqing Liang, Shineng Fang, Yanghua Xiao.	Granted
32	Knowledge Graph Recommendation System Fusing Entity Information and Popularity	201911272709.6	2022-10-14	Yuyan Du, Bin Liang, Jiaqing Liang, Yanghua Xiao.	Granted

33	Deep Recommendation System Based on Gaussian Distribution Representation	201910920671.2	2023-05-05	Deqing Yang, Yanghua Xiao, Jiaxin Zhao.	Granted
34	System and Method for Generating Knowledge Question-Answering CAPTCHAs Based on a Knowledge Graph	201910153839.1	2023-05-16	Yanghua Xiao, Bin Liang, Jiaqing Liang.	Granted
35	Entity Recognition and Linking System and Method Based on CN-DBpedia	201810173270.0	2022-04-12	Jiaqing Liang, Lihan Chen, Yanghua Xiao.	Granted
36	Structured Information Extraction Method Based on Deep Learning	201710139457.4	2020-03-31	Chenhao Xie, Jiaqing Liang, Yanghua Xiao.	Granted
37	METHOD FOR REWRITING NARRATIVE TEXT, DEVICE, APPARATUS, AND MEDIUM	W0 2023/088309 A1	2023-05-25	Hao Zhou, Jiangjie Chen, Chun Gan, Sijie Cheng, Yanghua Xiao, Lei Li	Granted
38	METHOD AND APPARATUS FOR VERIFYING AUTHENTICITY OF EXPRESSION, AND DEVICE AND MEDIUM	W0 2023/088278 A1	2023-05-25	Xinbo Zhang, Jiangjie Chen, Qiaoben Bao, Changzhi Sun, Jiaze Chen, Hao Zhou, Yanghua Xiao, Lei Li	Granted

XII. Academic Conferences Organized or Participated, and Lectures or Academic Talks Delivered in the Last Three Years

Year	Conference / Forum	Talk
2026	Network AI Technology Forum	Self-Evolving Agents: Cognition and Practice
2026	2026 China AI Agent Conference	Model-Driven Self-Evolving Agents: Technical Insights and Trend Outlook

2026	Global Artificial Intelligence Technology Conference	Model-Driven Self-Evolving Agents: Technical Insights and Trend Outlook
2026	Huawei STW Main-Venue Keynote	Breakthroughs and Insights in Large-Model-Driven Self-Evolving Agent Technology
2026	'A New Vision of Educational Transformation in the AI Era' Principals' Forum (Chengdu)	Personal Learning and Growth in the Intelligent Era
2026	2nd Pujiang AI Academic Annual Conference	AI Frontier Technologies: Discussion on New Paradigms of Artificial Intelligence
2026	'Let AI Land in Enterprises' — 2026 Enterprise Digital-Intelligent Innovation Summit (Shanghai)	AI-Native Enterprises in the AI Era
2026	NextX Summit: 'Acceleration and Application' 2026 AI Frontier and Investment-Financing Industry Forum	AI Large Model Technology and Industrial Evolution Trends
2025	China Computer Education Conference, Huawei Sub-forum	Course Construction of 'Data Engineering for Large Models' Based on openPangu
2025	Digital China Summit	Monetizing the Value of Scientific Data
2024	Asia-Pacific Digital Economy Forum	Large Models Empowering the Digital Economy
2024	CCF ChinaNet 2024 China Network Conference	Can Large Models Become Industry Experts?
2024	CCKS Knowledge Graph Education and Teaching Forum	Knowledge Graphs Empowering Smart Education
2024	QECon Global Software Quality and Effectiveness Conference	The Dual Engines for Improving Code Large Models: Data Augmentation and Knowledge Enhancement
2024	Bund Summit	Data Management in the Era of Large Models
2024	World Artificial Intelligence Conference	Large Models Forging New Quality Productive Forces
2024	2nd Global Mental Health Academic Conference	Psychological and Cognitive Assessment of Large Models
2024	2024 BAAI Conference — 'Artificial Intelligence + Data New Infrastructure' Forum	Large Models Helping Monetize the Value of Data Elements
2024	2024 Financial Industry Data Intelligence Forum	Large Models Empowering High-Quality Financial Development
2024	'Unleashing Digital Productivity, Driving High-Quality Development' 2024 Digital-Intelligent Future Summit	Practice of Large-Model-Driven Knowledge Graphs
2024	Symposium on Land-Sea Coordination and High-Quality Coastal Zone Development of Tropical Islands	Progress in Data-Driven Artificial Intelligence Research and Its Applications and Prospects in Marine Science

2024	2nd National Special Training Conference on Building New Teaching Paradigms Based on Knowledge Graphs in Higher Education Institutions	Exploration and Practice of Educational Intelligence Driven by Knowledge Graphs and Large Models
2024	2024 Data Intelligence Conference	Industry Deployment of Large Models: Problems and Countermeasures
2024	Summit Forum on AI-Empowered New Quality Productive Forces Applied Undergraduate Talent Cultivation	AI-Empowered Educational Intelligence: Exploration and Practice
2024	11th China Internet Audio-Video Conference	Promoting the Healthy Development of AIGC and Building New Quality Productive Forces in the Internet Audio-Video Industry
2024	2024 Aviation Equipment Digital-Intelligent Testing and Industrial Development Conference	Exploration and Practice of Operations Intelligence Based on Generative Large Models
2024	2024 Cixi Intelligent Manufacturing High-Quality Development Training Report Meeting	Artificial Intelligence and Large Models Entering All Industries
2024	Data Element Industrialization Forum Series (5th) — Public Data Operation and Intelligent Application	Large Models Helping Monetize the Value of Data Elements
2023	DataFunCon 2023: What Changes and What Stays the Same in the Era of Large Models	Large Models Entering All Industries
2023	Shanghai Forum	Data Governance in the AGI Era: Opportunities and Challenges
2023	Bund Summit	New Human-Machine Relationships in the Era of Large Models
2023	5th 'Network World - Data Communication AI Technology Forum'	Outlook on Code Large Models
2023	4th Big Data System Summit Forum	Domain Cognitive Intelligence Jointly Driven by Large Models and Knowledge Graphs
2023	World Artificial Intelligence Conference	Domain Adaptation and Industry Optimization of Large Models
2023	World Artificial Intelligence Conference	Domain Cognitive Intelligence Jointly Driven by Large Models and Knowledge Graphs
2023	World Artificial Intelligence Conference	New Developments in Privacy-Preserving Computing Research in the Era of Large Models
2023	World Artificial Intelligence Conference	Key Technologies of Large Models for Domain Applications
2023	SiftDB 2023 Symposium on Frontiersin Databases	Data Management in the Era of Large Models
2023	2023 Digital Economy (East Lake) Forum	Large Models — Advanced Productive Forces Driving Digital

		Economy Development and Social Progress
2023	World Intelligence Congress	Large Models Unlocking the Value of Domain Data
2023	CCF Young Elite Conference (YEF 2023) 'Large Models and Data Security' Forum	Large Model Security from a Data Perspective
2023	National Forum on Higher Education Equipment and Digital Development	Educational Knowledge Graphs: Opportunities and Challenges
2023	Global AI Developers Pioneer Conference	Data Governance Theory and Cognitive Enhancement for Large-Scale Pre-trained Models