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Research Interests	Machine Learning, Optimization	
Academic Appointments	ProfessorDec., 2020 { presentResearch ProfessorDec., 2019 { Dec., 2020	
	School of Arti cial Intelligence, Nanjing University	
	Associate Professor Apr., 2014 { Dec., 2019	
	Department of Computer Science and Technology, Nanjing University	
	Postdoctoral Researcher Aug., 2012 { Apr., 2014	
	Department of Computer Science and Engineering, Michigan State UniversityAdvisor: Prof. Rong Jin	
Education	Zhejiang University, Hangzhou, China	
	Ph.D., Computer Science and Technology, Sep., 2007 { Jun., 2012Advisor: Prof. Chun Chen	
	B.E., Software Engineering, Sep., 2003 { Jun., 2007	
Michigan State University, East Lans Visiting Student, Department of Co { Dec., 2011		USA
		uter Science and Engineering, Jun., 2011
	Advisor: Prof. Rong Jin	
Honors and Awards	 2021, NSFC Excellent Young Scientistics 2019, Microsoft Research Asia Colladidation 2018, DAMO Academy Young Fellow 2017, Young Elite Scientist Sponsors 2016, Young Talent Development Proceeding 2012, AAAI-12 Outstanding Paper A 2011, Chu Kochen Award (Highest H 2010, ACM Multimedia 2010 Best Patrices 2010, Scholarship Award for Exceller of Education 2007, 2012, Excellent Graduate of Zhejiang 2007, 2012, Excellent Graduate of Zhejiang 	sts Fund borative Research 2019 Grant Award v hip Program by CAST ogram of the CCF Award Honour of Zhejiang University) aper Award Runner-up nt Doctoral Student Granted by Ministry g Province g University
Professional Service	 Editorial Boards Action Editor, <i>Transactions on Machine Learning Research</i>, Since Dec., 2021 Action Editor, <i>Machine Learning</i>, Since Jun., 2021 Associate Editor, <i>Neurocomputing</i>, Since Mar., 2021 	

- Topic Editor, *Remote Sensing*, Feb., 2021 { Aug., 2021
- Editorial Board Reviewer, Journal of Machine Learning Research, Since Jun., 2020

Area Chair

- The 41st International Conference on Machine Learning (ICML 2024)
- The 40th International Conference on Machine Learning (ICML 2023)
- The 39th International Conference on Machine Learning (ICML 2022)
- The 12th International Conference on Learning Representations (ICLR 2024)
- The 37th Annual Conference on Neural Information Processing Systems (NeurIPS 2023)
- The 36th Annual Conference on Neural Information Processing Systems (NeurIPS 2022)
- The 35th Annual Conference on Neural Information Processing Systems (NeurIPS 2021)
- The 30th International Joint Conference on Arti cial Intelligence (IJCAI 2021)
- The 26th International Joint Conference on Arti cial Intelligence (IJCAI 2017)
- The 3rd Chinese Conference on Pattern Recognition and Computer Vision (PRCV 2020)
- The CAAI International Conference on Arti cial Intelligence(CICAI 2023)
- The CAAI International Conference on Arti cial Intelligence(CICAI 2022)
- The CAAI International Conference on Arti cial Intelligence (CICAI 2021)

Senior Program Committee Member

- The 33rd International Joint Conference on Arti cial Intelligence (IJCAI 2024)
- The 31st International Joint Conference on Arti cial Intelligence (IJCAI 2022)
- The 34th AAAI Conference on Arti cial Intelligence (AAAI 2020)
- The 33rd AAAI Conference on Arti cial Intelligence (AAAI 2019)
- The 29th International Conference on Arti cial Intelligence (IJCAI 2020)
- The 28th International Conference on Arti cial Intelligence (IJCAI 2019)
- The 27th International Conference on Arti cial Intelligence (IJCAI 2018)

Program Committee Member

- The 38th International Conference on Machine Learning (ICML 2021)
- The 37th International Conference on Machine Learning (ICML 2020)
- The 36th International Conference on Machine Learning (ICML 2019)
- The 35th International Conference on Machine Learning (ICML 2018)
- The 33rd International Conference on Machine Learning (ICML 2016)
- The 26th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2020)
- The 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2019)
- The 24th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2018)
- The 22nd ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2016)
- The 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2015)
- The 36th AAAI Conference on Arti cial Intelligence (AAAI 2022)
- The 35th AAAI Conference on Arti cial Intelligence (AAAI 2021)
- The 32nd AAAI Conference on Arti cial Intelligence (AAAI 2018)
- The 31st AAAI Conference on Arti cial Intelligence (AAAI 2017)
- The 29th AAAI Conference on Arti cial Intelligence (AAAI 2015)
- The 26th AAAI Conference on Arti cial Intelligence (AAAI 2012)
- The 25th International Joint Conference on Arti cial Intelligence (IJCAI 2016)

- The 24th International Joint Conference on Arti cial Intelligence (IJCAI 2015)
- The 23rd International Joint Conference on Arti cial Intelligence (IJCAI 2013)
- The 23rd ACM International Conference on Multimedia (MM 2015)
- The 22nd ACM International Conference on Multimedia (MM 2014)

Reviewer

- The 34th Annual Conference on Neural Information Processing Systems (NeurIPS 2020)
- The 33rd Annual Conference on Neural Information Processing Systems (NeurIPS 2019)
- The 32nd Annual Conference on Neural Information Processing Systems (NeurIPS 2018)
- The 31st Annual Conference on Neural Information Processing Systems (NIPS 2017)
- The 30th Annual Conference on Neural Information Processing Systems (NIPS 2016)
- The 29th Annual Conference on Neural Information Processing Systems (NIPS 2015)
- The 28th Annual Conference on Neural Information Processing Systems (NIPS 2014)
- The 27th Annual Conference on Neural Information Processing Systems (NIPS 2013)
- The 21st International Conference on Arti cial Intelligence and Statistics (AISTATS 2018)
- The 20th International Conference on Arti cial Intelligence and Statistics (AISTATS 2017)
- The 19th International Conference on Arti cial Intelligence and Statistics (AISTATS 2016)
- IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Multimedia (TMM)
- Transactions on Intelligent Systems and Technology (TIST)
- IEEE Transactions on Systems, Man, and Cybernetics, Part B: Cybernetics (TSMCB)
- IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews (TSMCC)
- IEEE Transactions on Cybernetics
- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
- IEEE Transactions on Big Data (TBD)
- ACM Transactions on Knowledge Discovery from Data (TKDD)
- Machine Learning, Pattern Recognition
- Information Sciences, Neural Networks
- Neurocomputing, Pattern Recognition Letters
- Signal Processing, Knowledge-Based Systems
- Journal of Scienti c Computing (JOMP)
- Journal of Selected Topics in Signal Processing (JSTSP)
- Journal of Computer Science and Technology (JCST)
- SCIENCE CHINA Information Sciences

Program Co-Chair

- The 12th Vision and Learning Seminar (VALSE 2022)
- The 19th China Symposium on Machine Learning and Applications (MLA 2021)

Workshop Co-Chair

- The 11th Vision and Learning Seminar (VALSE 2021)
- The 9th Vision and Learning Seminar (VALSE 2019)

APR Co-Chair

• The 10th Vision and Learning Seminar (VALSE 2020)

Publications Co-Chair

• The 9th China Conference on Data Mining (CCDM 2022)

Organizing Committee Member

• The 16th China Symposium on Machine Learning and Applications (MLA 2018)

Book

1. Zhi-Hua Zhou, Wei Wang, Wei Gao, and Lijun Zhang. Introduction to the Theory of Machine Learning (In Chinese). China Machine Press, 2020.

Conference Publications

- Lijun Zhang, Peng Zhao, Zhen-Hua Zhuang, Tianbao Yang, and Zhi-Hua Zhou. Stochastic Approximation Approaches to Group Distributionally Robust Optimization. In *Advances in Neural Information Processing Systems 36* (NeurIPS), to appear, 2023.
 - Bo Xue, Yimu Wang, Yuanyu Wan, Jinfeng Yi, and Lijun Zhang. E cient Algorithms for Generalized Linear Bandits with Heavy-tailed Rewards. In *Advances in Neural Information Processing Systems 36* (NeurIPS), to appear, 2023.
 - 3. Zhenyao Zhang, and Lijun Zhang. NeCa: Network Calibration for Class Incremental Learning. In *Pattern Recognition* (ACPR), pp. 385{399, 2023.
 - Yuanyu Wan, Lijun Zhang, and Mingli Song. Improved Dynamic Regret for Online Frank-Wolfe. In *Proceedings of the 36th Annual Conference on Learning Theory* (COLT), pp. 3304{3327, 2023.
 - 5. Yutian Gou, Jinfeng Yi, and Lijun Zhang. Stochastic Graphical Bandits with Heavy-Tailed Rewards. In *Proceedings of the 39th Conference on Uncertainty in Arti cial Intelligence* (UAI), pp. 734{744, 2023.
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 - 8. Zi-Hao Qiu, Quanqi Hu, Zhuoning Yuan, Denny Zhou, Lijun Zhang, and Tianbao Yang. Not All Semantics are Created Equal: Contrastive Self-supervised Learning with Automatic Temperature Individualization. In *Proceedings of the 40th International Conference on Machine Learning* (ICML), pp. 28389{28421, 2023.
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 - 11. Lijun Zhang, Wei Jiang, Jinfeng Yi, and Tianbao Yang. Smoothed Online Convex Optimization Based on Discounted-Normal-Predictor. In *Advances in Neural Information Processing Systems 35* (NeurIPS), pp. 4928(4942, 2022.

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- 15. Shiyin Lu, Yuan Miao, Ping Yang, Yao Hu, and Lijun Zhang. Non-stationary Dueling Bandits for Online Learning to Rank. In *Proceedings of the 6th APWeb and WAIM Joint International Conference on Web and Big Data* (APWeb-WAIM), Part II, pp. 166{174, 2022.
- 16. Lijun Zhang, Guanghui Wang, Jinfeng Yi, and Tianbao Yang. A Simple yet Universal Strategy for Online Convex Optimization. In *Proceedings of the 39th International Conference on Machine Learning* (ICML), pp. 26605{26623, 2022.
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 Invited Talks
 Group Distributionally Robust Optimization, The 4th Conference on Big Data and Arti cial Intelligence Organized by CSIAM (CSIAM-BDAI 2023).

- Smoothed Online Learning, The 3rd Conference on Big Data and Arti cial Intelligence Organized by CSIAM (CSIAM-BDAI 2021).
- Online Learning in Changing Environments, Early Career Spotlight Talks of the 29th International Joint Conference on Arti cial Intelligence (IJCAI 2020).
- Adaptive Regret for Online Learning, Microsoft Research Asia Academic Day 2019.
- Learning under Heavy-tailed Distributions, The 2nd International Symposium on Image Computing and Digital Medicine (ISICDM 2018).
- E cient Online Learning for Dynamic Environments, The 1st Conference on Big Data and Arti cial Intelligence Organized by CSIAM (CSIAM-BDAI 2018).
- E cient Online Learning for Dynamic Environments, 2018 International Workshop on Signal Processing, Optimization and Control (SPOC 2018).
- Online Learning and Applications, The 1st International Symposium on Image Computing and Digital Medicine (ISICDM 2017).
- Fast Rates for Empirical Risk Minimization: Beyond the *O*(1=*n*) Risk Bound, The 16th China Conference on Machine Learning (CCML 2017).
- Online Learning in Dynamic Environment, The 2nd Youth Symposium on Scienti c and Engineering Computing (**YSSEC 2016**).
- Online Stochastic Linear Optimization under One-bit Feedback, The 6th Vision and Learning Seminar (VALSE 2016).
- Randomized Algorithms for Large-scale Convex Optimization, 2016 Nanjing Workshop on Numerical Optimization with Applications.
- Stochastic Optimization for Large-scale Machine Learning, The 13rd Chinese Workshop on Machine Learning and Applications (MLA 2015).
- Randomized Algorithms for Large-scale Convex Optimization, The 2nd Chinese Workshop on Evolutionary Computation and Learning (ECOLE 2015).