

Ruodu Wang, Ph.D.

Curriculum Vitae

University Research Chair & Associate Professor
Department of Statistics and Actuarial Science
University of Waterloo
Mathematics 3, 200 University Avenue West
Waterloo, Ontario, Canada N2L 3G1

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Phone: (519) 888-4567 ext. 31569
Email: wang@uwaterloo.ca
Website: <http://sas.uwaterloo.ca/~wang>

Employment

University Research Chair, University of Waterloo	2018.07 - present
Associate Professor of Actuarial Science (tenured), University of Waterloo	2017.07 - present
Assistant Professor of Actuarial Science, University of Waterloo	2012.08 - 2017.06

Education

Ph.D. Mathematics, Georgia Institute of Technology. Advisor: Liang Peng	2012.05
M.S. Financial Mathematics, Peking University. Advisor: Jingping Yang	2009.06
B.S. Mathematics, Peking University	2006.06

Research Areas

Probability · Statistics · Quantitative Risk Management
Actuarial Science · Financial Engineering · Operations Research

Editorial Duties

Co-Editor, <i>ASTIN Bulletin - The Journal of the International Actuarial Association</i>	2018 - present
Co-Editor, <i>European Actuarial Journal</i>	2016 - present
Associate Editor, <i>Acta Mathematicae Applicatae Sinica (English Series)</i>	2016 - present
Member of the Editorial Advisory Board, <i>Dependence Modeling</i>	2014 - present

Grants

The Society of Actuaries CAE Research Grant (one of many Co-PIs)	2018 - 2021
NSERC Discovery Accelerator Supplement (RGPAS-2018-522590, PI)	2018 - 2021
NSERC Discovery Grant (RGPIN-2018-03823, PI)	2018 - 2023
International Research Partnership Grant, University of Waterloo (Co-PI)	2016 - 2018
NSERC Discovery Grant (RGPIN-435844-2013, PI)	2013 - 2018

Visiting Positions (> 1 month)

Risklab, Department of Mathematics, ETH Zurich	2018.05 - 2018.06
Risklab, Department of Mathematics, ETH Zurich	2017.04 - 2017.07
Institute of Applied Mathematics, Chinese Academy of Sciences	2016.07 - 2016.08
School of Mathematical Sciences, Peking University	2016.03 - 2016.04
Risklab, Department of Mathematics, ETH Zurich	2015.08 - 2015.12
China Institute for Actuarial Science, Central University of Finance and Economics	2014.07 - 2014.08
Risklab, Department of Mathematics, ETH Zurich	2013.09 - 2013.11
School of Mathematical Sciences, Peking University	2013.06 - 2013.07
School of Mathematical Sciences, Peking University	2012.06 - 2012.07

Awards

NSERC Discovery Accelerator Supplement Award (125 awardees per year in Canada across all scientific and engineering fields)	2018
University Research Chair, University of Waterloo	2018
The Faculty of Mathematics Golden Jubilee Research Excellence Award, University of Waterloo	2017
Annual Department Teaching Award, Statistics and Actuarial Science, University of Waterloo	2017
Laha Travel Award 2012, Institute of Mathematical Statistics	2012
Bob Price Fellowship, School of Mathematics, Georgia Institute of Technology	2011

Publications and Manuscripts

Refereed Journal Articles

Forthcoming

- [44] Embrechts, P., Liu, H., Mao, T. and Wang, R. (2018+). Quantile-based risk sharing with heterogeneous beliefs. *Mathematical Programming*, forthcoming.
- [43] Shen, J., Shen, Y. and Wang, R. (2018+). Random locations of periodic stochastic processes. *Stochastic Processes and their Applications*, forthcoming.
- [42] Puccetti, G., Rigo, P., Wang, B. and Wang, R. (2018+). Centers of probability measures without the mean. *Journal of Theoretical Probability*, forthcoming.
- [41] Jakobsons, E. and Wang, R. (2018+). Negative dependence in matrix arrangement problems. *Annals of Operations Research*, forthcoming.

2018

- [40] Embrechts, P., Liu, H. and Wang, R. (2018). Quantile-based risk sharing. *Operations Research*, **66**(4), 936–949.
- [39] Li, L., Shao, H., Wang, R. and Yang, J. (2018). Worst-case Range Value-at-Risk with partial information. *SIAM Journal on Financial Mathematics*, **9**(1), 190–218.
- [38] Cai, J., Liu, H. and Wang, R. (2018). Asymptotic equivalence of risk measures under dependence uncertainty. *Mathematical Finance*, **28**(1), 29–49.

2017

- [37] Cai, J., Liu, H. and Wang, R. (2017). Pareto-optimal reinsurance arrangements under general model settings. *Insurance: Mathematics and Economics*, **77**, 24–37.
- [36] Furman, E., Wang, R. and Zitikis, R. (2017). Gini-type measures of risk and variability: Gini shortfall, capital allocations, and heavy-tailed risks. *Journal of Banking and Finance*, **83**, 70–84.
- [35] Bernard, C., Rüschendorf, L., Vanduffel, S. and Wang, R. (2017). Risk bounds for factor models. *Finance and Stochastics*, **21**(3), 631–659.
- [34] Liu, H. and Wang, R. (2017). Collective risk models with dependence uncertainty. *ASTIN Bulletin*, **47**(2), 361–389.

2016

- [33] Wang, B. and Wang, R. (2016). Joint mixability. *Mathematics of Operations Research*, **41**(3), 808–826.
- [32] Embrechts, P., Hofert, M. and Wang, R. (2016). Bernoulli and tail-dependence compatibility. *Annals of Applied Probability*, **26**(3), 1636–1658.
- [31] Bigozzi, V., Mao, T., Wang, B. and Wang, R. (2016). Diversification limit of quantiles under dependence uncertainty. *Extremes*, **19**(2), 143–170.
- [30] Wang, R. (2016). Regulatory arbitrage of risk measures. *Quantitative Finance*, **16**(3), 337–347.

- [29] Han, X. and Wang, R. (2016). Computation of credit portfolio loss distribution by a cross entropy method. *Journal of Applied Mathematics and Computing*, **52**(1), 287–304.
- [28] Jakobsons, E., Han, X. and Wang, R. (2016). General convex order on risk aggregation. *Scandinavian Actuarial Journal*, **2016**(8), 713–740.
- 2015
- [27] Puccetti, G. and Wang, R. (2015). Extremal dependence concepts. *Statistical Science*, **30**(4), 485–517.
- [26] Embrechts, P. and Wang, R. (2015). Seven proofs for the subadditivity of Expected Shortfall. *Dependence Modeling*, **3**, 126–140.
- [25] Embrechts, P., Wang, B. and Wang, R. (2015). Aggregation-robustness and model uncertainty of regulatory risk measures. *Finance and Stochastics*, **19**(4), 763–790.
- [24] Wang, R. (2015). Current open questions in complete mixability. *Probability Surveys*, **12**, 13–32.
- [23] Wang, R., Bignozzi, V. and Tsanakas, A. (2015). How superadditive can a risk measure be? *SIAM Journal on Financial Mathematics*, **6**(1), 776–803.
- [22] Mao, T. and Wang, R. (2015). On aggregation sets and lower-convex sets. *Journal of Multivariate Analysis*, **138**, 170–181.
- [21] Wang, R. and Ziegel, J. (2015). Elicitable distortion risk measures: A concise proof. *Statistics and Probability Letters*, **100**, 172–175.
- [20] Wang, B. and Wang, R. (2015). Extreme negative dependence and risk aggregation. *Journal of Multivariate Analysis*, **136**, 12–25.
- [19] Yang, J., Chen, Z., Wang, F. and Wang, R. (2015). Composite Bernstein copulas. *ASTIN Bulletin*, **45**(2), 445–475.
- [18] Wang, R., Peng, L. and Yang, J. (2015). CreditRisk⁺ model with dependent risk factors. *North American Actuarial Journal*, **19**(1), 24–40.
- [17] Puccetti, G. and Wang, R. (2015). Detecting complete and joint mixability. *Journal of Computational and Applied Mathematics*, **280**, 174–187.
- 2014
- [16] Peng, L. and Wang, R. (2014). Interval estimation for bivariate t-copulas via Kendall’s tau. *Variance*, **8**(1), 43–54.
- [15] Wang, R. (2014). Sum of arbitrarily dependent random variables. *Electronic Journal of Probability*, **19**(84), 1–18.
- [14] Embrechts, P., Puccetti, G., Rüschendorf, L., Wang, R. and Beleraj, A. (2014). An academic response to Basel 3.5. *Risks*, **2**(1), 25–48.
- [13] Peng, L., Qi, Y. and Wang, R. (2014). Empirical likelihood test for high-dimensional linear models. *Statistics and Probability Letters*, **86**, 85–90.
- [12] Wang, R. (2014). Asymptotic bounds for the distribution of the sum of dependent random variables. *Journal of Applied Probability*, **51**(3), 780–798.

- [11] Bernard, C., Jiang, X. and Wang, R. (2014). Risk aggregation with dependence uncertainty. *Insurance: Mathematics and Economics*, **54**, 93–108.

2013

- [10] Puccetti, G., Wang, B. and Wang, R. (2013). Complete mixability and asymptotic equivalence of worst-possible VaR and ES estimates. *Insurance: Mathematics and Economics*, **53**(3), 821–828.
- [9] Zhang, R., Peng, L. and Wang, R. (2013). Tests for covariance matrix with fixed or divergent dimension. *Annals of Statistics*, **41**(4), 2075–2096.
- [8] Wang, R., Peng, L. and Qi, Y. (2013). Jackknife empirical likelihood test for equality of two high dimensional means. *Statistica Sinica*, **23**(2), 667–690.
- [7] Wang, R., Peng, L. and Yang, J. (2013). Bounds for the sum of dependent risks and worst Value-at-Risk with monotone marginal densities. *Finance and Stochastics*, **17**(2), 395–417.
- [6] Wang, R., Peng, L. and Yang, J. (2013). Jackknife empirical likelihood for parametric copulas. *Scandinavian Actuarial Journal*, **2013**(5), 325–339.

2009 - 2012

- [5] Peng, L., Qi, Y., Wang, R. and Yang, J. (2012). Jackknife empirical likelihood method for some risk measures and related quantities. *Insurance: Mathematics and Economics*, **51**(1), 142–150.
- [4] Puccetti, G., Wang, B. and Wang, R. (2012). Advances in complete mixability. *Journal of Applied Probability*, **49**(2), 430–440.
- [3] Wang, R. and Peng, L. (2011). Jackknife empirical likelihood intervals for Spearman’s rho. *North American Actuarial Journal*, **15**(4), 475–486.
- [2] Wang, B. and Wang, R. (2011). The complete mixability and convex minimization problems for monotone marginal densities. *Journal of Multivariate Analysis*, **102**(10), 1344–1360.
- [1] Yang, J., Qi, Y. and Wang, R. (2009). A class of multivariate copulas with bivariate Fréchet marginal copulas. *Insurance: Mathematics and Economics*, **45**(1), 139–147.

Other Publications

- [1] Major, J., Wang, R. and Woolstenhulme, M. (2015). The most dangerous model: A natural benchmark for assessing model risk. *Society of Actuaries Monograph: Enterprise Risk Management Symposium, 2015*.

Submitted Manuscripts

- [14] Wang, B., Wang, R. and Wang, Y. (2018). Compatible matrices of Spearman’s rank correlation. *arXiv*: <https://arxiv.org/abs/1810.03477>.
- [13] Embrechts, P., Schied, A. and Wang, R. (2018). Robustness in the optimization of risk measures. *SSRN*: <http://ssrn.com/abstract=3254587>.
- [12] Wang, R. and Ziegel, J. (2018). Scenario-based risk evaluation. *SSRN*: <http://ssrn.com/abstract=3235450>.

- [11] Liu, F., Cai, J., Lemieux, C. and Wang, R. (2018). Convex risk functionals: representation and applications.
SSRN: <http://ssrn.com/abstract=3216336>.
- [10] Wang, R. and Wei, Y. (2018). Characterizing optimal allocations in quantile-based risk sharing.
SSRN: <http://ssrn.com/abstract=3173503>.
- [9] Vovk, V. and Wang, R. (2018). Combining p-values via averaging.
SSRN: <http://ssrn.com/abstract=3166304>.
- [8] Boonen, T., Liu, F. and Wang, R. (2017). Competitive equilibria in a comonotone market.
SSRN: <http://ssrn.com/abstract=3091424>.
- [7] Wang, R., Xu, Z. Q. and Zhou, X. Y. (2017). Dual utilities under dependence uncertainty.
SSRN: <http://ssrn.com/abstract=3078374>.
- [6] Asimit, V., Peng, L., Wang, R. and Yu, A. (2017). An efficient approach to quantile capital allocation and sensitivity analysis.
- [5] Shen, J., Shen, Y., Wang, B. and Wang, R. (2017). Distributional compatibility for change of measures.
arXiv: <https://arxiv.org/abs/1706.01168>.
- [4] Wang, R., Wei, Y. and Willmot, G. (2017). Characterization, robustness and aggregation of signed Choquet integrals.
SSRN: <http://ssrn.com/abstract=2956962>.
- [3] Mao, T. and Wang, R. (2017). A model-free continuum of degrees of risk aversion.
SSRN: <http://ssrn.com/abstract=2907499>.
- [2] Liu, F. and Wang, R. (2016). A theory for measures of tail risk.
SSRN: <http://ssrn.com/abstract=2841909>.
- [1] Mao, T. and Wang, R. (2016). Risk aversion in regulatory capital principles.
SSRN: <http://ssrn.com/abstract=2658669>.

Dissertation

- [1] Wang, R. (2012). Some questions in high-dimensional data analysis and risk management. *Ph.D. Thesis*. Georgia Institute of Technology, USA.

Books

- [1] Wang, R. (2011). *Sanguosha: The Royal Road*. (Non-academic, in Chinese.) Publishing House of Electronics Industry, Beijing. ISBN-9787121126833.

Academic Advising

Ph.D. students at the University of Waterloo

Yuyu Chen (with K. S. Tan)

2018 - present

Yunran Wei (with G. Willmot)	2015 - present
Jie Shen (with Y. Shen)	2014 - 2018
Haiyan Liu (with J. Cai)	2013 - 2017
Assistant Professor of Actuarial Science, Michigan State University	(2017)

Master's students at the University of Waterloo

Daiwen Dai	2017
Senior Investment Services Specialist, Ontario Teacher's Pension Plan	(2018)
Yuchen Zhang	2014
Xiao Jiang (with C. Bernard)	2012 - 2013
Investment Analyst, Canada Pension Plan Investment Board	(2014)

Postdoctoral fellows at the University of Waterloo

Peng Liu (with A. Schied)	2018 - present
Daniel Linders (with F. Yang, short term)	2015
Assistant Professor of Actuarial Science, University of Illinois Urbana-Champaign	(2017)
Tiantian Mao (with J. Cai and D. Landriault)	2014 - 2015
Associate Professor of Statistics and Finance, University of Science and Technology of China	(2017)

Regular Courses

University of Waterloo

ACTSC446/846 - Mathematics of Financial Markets	Fall 2014; Winters 2013, 2018
ACTSC625 - Casualty and Health Insurance Mathematics	Winters 2013, 2014, 2015, 2017
ACTSC631 - Financial Mathematics III	Spring 2015
ACTSC964 - Topics in Quantitative Risk Management	Winters 2017, 2018
ACTSC970 - Finance I	Fall 2016
ACTSC971 - Finance II	Winter 2015
ACTSC991 - Topics in Actuarial Science - Copulas and Dependence Modeling	Winter 2014
ACTSC991 - Topics in Actuarial Science - Risk Measurement	Spring 2015

Georgia Institute of Technology

MATH1522 - Linear Algebra for Calculus

Spring 2012

Invited Short Courses and Minicourses

Chinese Academy of Sciences

Minicourse - Risk Measurement under Model Uncertainty (4 hours)

Spring 2016

Peking University

Short Course - Theory and Practice of Risk Measurement (20 hours)

Spring 2016

ETH Zurich

FIM Minicourse - Risk Aggregation and Fréchet Problems (10 hours)

Fall 2015

University of Milan-Bicocca

Minicourse - Risk Aggregation and Fréchet Problems (10 hours)

Fall 2015

Invited Academic Presentations

Conferences

- [26] *Keynote Speaker*, 4th European Actuarial Journal Meeting, Leuven, Belgium 2018.09
- [25] Robust Techniques in Quantitative Finance, Oxford, UK 2018.09
- [24] 2nd International Workshop on Optimal (Re)Insurance, Beijing, China. 2018.07
- [23] 8th Conference, Advanced Mathematical Methods in Finance, Amsterdam, Netherlands 2017.06
- [22] 4th Workshop on Recent Developments in Dependence Modeling, Aegina, Greece 2017.05
- [21] ETH Zurich RiskLab Mini-Workshop, Zurich, Switzerland 2017.04
- [20] 2016 Workshop on Stochastic Control and Financial Applications, Hong Kong 2016.08
- [19] Workshop on Random Complex Structures and Data Analysis in Finance, Beijing, China 2016.08
- [18] 2016 Symposium on Financial Engineering and Risk Management, Guangzhou, China 2016.06
- [17] 44th Annual Meeting of the Statistical Society of Canada, St. Catharines, Canada 2016.05
- [16] Dependence and Risk Measures, Milan, Italy 2015.11
- [15] The Mathematics and Statistics of Quantitative Risk Management, Oberwolfach, Germany 2015.09
- [14] 7th Conference, Advanced Mathematical Methods in Finance, Lausanne, Switzerland 2015.09

[13] Youth Probability Forum, Beijing, China	2015.07
[12] Workshop on Financial and Insurance Risk Management, Beijing, China	2015.07
[11] CORS/INFORMS 2015 Joint International Meeting, Montreal, Canada	2015.06
[10] PKU-Math International Workshop on Financial Mathematics, Beijing, China	2014.08
[9] International Workshop on Risk Analysis, Ruin and Extremes, Tianjin, China	2014.07
[8] 11th International Vilnius Conference on Probability and Statistics, Vilnius, Lithuania	2014.07
[7] Workshop on Recent Developments in Dependence Modeling, Brussels, Belgium	2014.05
[6] 3rd Workshop on Insurance Mathematics, Quebec City, Canada	2014.01
[5] International Workshop on High-Dimensional Dependence and Copulas, Beijing, China	2014.01
[4] ICSA - Canada Chapter 2013 Symposium, Toronto, Canada	2013.08
[3] Statistical Science for Society, Waterloo, Canada	2013.07
[2] Young Mathematician Forum - Centennial of Mathematics at Peking University, Beijing, China	2013.06
[1] International Conference on Quantitative Finance and Risk Management, Changchun, China	2012.07

Seminars and Colloquia

[55] Engineering Systems and Design, Singapore University of Technology and Design, Singapore	2018.07
[54] Risk Management Institute, National University of Singapore, Singapore	2018.07
[53] Department of Mathematics, ETH Zurich, Switzerland	2018.06
[52] Department of Mathematics, Ryerson University, Canada	2018.04
[51] School of Operations Research and Information Engineering, Cornell University, USA	2018.02
[50] Department of Pure Mathematics, University of Waterloo, Canada	2018.01
[49] Department of Risk and Insurance, University of Wisconsin-Madison, USA	2017.12
[48] Department of Mathematics, University of Connecticut, USA	2017.11
[47] School of Mathematics and Statistics, Wuhan University, China	2017.11
[46] Lab of Earth Surface Processes and Resource Ecology, Beijing Normal University, China	2017.11
[45] School of Statistics, Qufu Normal University, China	2017.11
[44] School of Management, University of Science and Technology of China, China	2017.10
[43] Institute of Applied Mathematics, Chinese Academy of Sciences, China	2017.10
[42] School of Mathematical Sciences, Peking University, China	2017.07
[41] Department for Mathematics, University of Salzburg, Austria	2017.06

- [40] School of Economics and Statistics, University of Milano-Bicocca, Italy 2017.05
- [39] Department of Mathematics, Ryerson University, Canada 2017.04
- [38] Actuarial School, Laval University, Canada 2017.03
- [37] Department of Statistics, University of Michigan, USA 2016.11
- [36] Robinson College of Business, Georgia State University, USA 2016.11
- [35] School of Management, University of Science and Technology of China, China 2016.07
- [34] School of Statistics, Qufu Normal University, China 2016.07
- [33] Systems Engineering and Engineering Management, Chinese University of Hong Kong, HK 2016.06
- [32] School of Economics and Management, Tsinghua University, China 2016.06
- [31] Institute of Applied Mathematics, Chinese Academy of Sciences, China 2016.04
- [30] School of Mathematical Sciences, Peking University, China 2016.04
- [29] China Institute for Actuarial Science, Central University of Finance and Economics, China 2016.03
- [28] Department of Mathematics, Beijing Technology and Business University, China 2016.03
- [27] Department of Mathematics, University of Liverpool, UK 2015.12
- [26] Cass Business School, City University London, UK 2015.12
- [25] Vienna Seminar in Mathematical Finance and Probability, Austria 2015.11
- [24] Department of Economics, University of Amsterdam, Netherlands 2015.11
- [23] Department of Mathematics, University of Mannheim, Germany 2015.10
- [22] Joint Seminar, EPF Lausanne and University of Lausanne, Switzerland 2015.10
- [21] Department of Statistical Sciences, University of Toronto, Canada 2015.02
- [20] School of Mathematical Sciences, Peking University, China 2014.09
- [19] School of Management, University of Science and Technology of China, China 2014.07
- [18] School of Management, Fudan University, China 2014.07
- [17] School of Economics and Statistics, University of Milano-Bicocca, Italy 2014.05
- [16] Mathematical Statistics and Actuarial Science, University of Bern, Switzerland 2014.05
- [15] Department of Mathematics and Statistics, McGill University, Canada 2014.03
- [14] School of Mathematical Sciences, Peking University, China 2013.12
- [13] School of Economics and Management, Tsinghua University, China 2013.12
- [12] Faculty of Economic and Social Sciences, Vrije Universiteit Brussel (VUB), Belgium 2013.11

[11] Department of Mathematics, ETH Zurich, Switzerland	2013.11
[10] Department of Mathematics and Stochastics, University of Freiburg, Germany	2013.10
[9] Institut de Science Financière et d'Assurances (ISFA), Université Lyon 1, France	2013.10
[8] Institute for Mathematics and its Applications (IMA), Minneapolis, USA	2013.05
[7] Robinson College of Business, Georgia State University, USA	2013.04
[6] School of Mathematics, Georgia Institute of Technology, USA	2013.04
[5] Department of Statistics and Actuarial Science, University of Waterloo, Canada	2012.02
[4] Department of Mathematics, Illinois State University, USA	2012.02
[3] Department of Mathematics, Northern Illinois University, USA	2012.01
[2] School of Mathematics, Georgia Institute of Technology, USA	2011.11
[1] School of Mathematical Sciences, Peking University, China	2011.06

Scientific Service

Affiliated Member

Waterloo Artificial Intelligence Institute	2018 - present
RiskLab, ETH Zurich	2015 - present
Centre for Computational Mathematics, Waterloo	2015 - present
Big Data Research Lab, Waterloo	2014 - present
Waterloo Research Institute in Insurance, Securities and Quantitative Finance	2012 - present

Conference Organizing Committee

Workshop on Risk Measurement and Regulatory Issues in Business, Montreal, Canada	2017.09
Workshop on Random Complex Structures and Data Analysis in Finance, Beijing, China	2016.08
4th Québec-Ontario Workshop on Insurance Mathematics, Waterloo, Canada	2016.02
6th Annual Graduate Student Probability Conference, Georgia Tech, Atlanta, USA	2012.04
5th Annual Graduate Student Probability Conference, Georgia Tech, Atlanta, USA	2011.04

Conference Scientific Committee

2nd International Workshop on Optimal (Re)Insurance, Beijing, China	2018.07
6th International Gerber-Shiu Workshop, Beijing, China	2016.06

PhD Committee

Ahmed Abdalrahman, Electrical and Computer Engineering, Waterloo	
Sajad Shiravi Khozani, Civil and Environmental Engineering, Waterloo	
Edgars Jakobsons, Mathematics, ETH Zurich	defended in 2016

Fangda Liu, Statistics and Actuarial Science, Waterloo
 External Program Review
 Applied Mathematics, Ryerson University

defended in 2015

2018

Peer-review Service

Grant peer-review (total: 2 proposals)

FRQNT Grant (Canada)

NSERC Discovery Grant (Canada)

Journal peer-review (total: 47 journals, 94 papers)

Annals of Actuarial Science
 Annals of Operations Research
 Annals of the Institute of Statistical Mathematics
 Applications of Mathematics
 ASTIN Bulletin
 Bernoulli
 Colombian Journal of Statistics
 Communications in Statistics - Simul. & Comp.
 Computational Statistics
 Computational Statistics and Data Analysis
 Dependence Modeling
 Discrete Optimization
 Economics Bulletin
 Electronic Communications in Probability
 European Actuarial Journal
 European Journal of Operational Research
 Extremes
 Finance and Stochastics
 4OR A Quarterly Journal of Operations Research
 Frontiers of Mathematics in China
 Insurance: Mathematics and Economics
 International Statistical Review
 Journal of Applied Probability
 Journal of Banking and Finance

Journal of Business and Economic Statistics
 Journal of Economic Dynamics and Control
 Journal of Multivariate Analysis
 Journal of Nonparametric Statistics
 Journal of Risk and Insurance
 Journal of Statistical Computation and Simulation
 Journal of the Korean Statistical Society
 Journal of the Royal Statistical Society - Series A
 Mathematical Finance
 Mathematics of Operations Research
 North American Actuarial Journal
 North American Journal of Finance and Economics
 Operations Research
 Operations Research Letters
 Physica A
 Quantitative Finance
 Risks
 Scandinavian Actuarial Journal
 SIAM Journal on Financial Mathematics
 Statistics and Probability Letters
 Statistics and Risk Modeling
 Stochastics
 The American Statistician

Personal

Born in Beijing (1984), citizen of China, permanent resident of Canada

Number of countries visited: 50

Number of continents visited: 7

Number of invited academic talks: 81 (in 14 countries)

Number of courses taught: 15 regular courses, 1 short course, 3 minicourses (in 6 institutions)

Society of Actuaries Exams Passed: P, FM, MLC, MFE and C

Erdős Number: 3 (Ruodu Wang ← Ričardas Zitikis ← Endre Csáki ← Paul Erdős)

Last updated: October 2018