Meng Jiang

CONTACT INFORMATION

326C Cushing Hall

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Department of Computer Science and Engineering, College of Engineering

University of Notre Dame E-mail: mjiang2@nd.edu Notre Dame, IN 46556, USA http://www.meng-jiang.com

Google Scholar: #citation = **1394**, H-index = **17**

https://scholar.google.com/citations?user=LZIPfCkAAAAJ

RESEARCH INTERESTS

Research Topics on Computational Behavior Modeling

- Content: Text data mining and information extraction
- Context: Spatiotemporal data mining and social network analysis
- Intention: Graph anomaly detection
- Modeling: Representation learning and graph neural networks

Applications on Computational Behavior Modeling

- Future behavior prediction
- Social recommender systems
- Fraud and spam detection
- Effective planning

WORK EXPERIENCE

University of Notre Dame, IN, US

since August 2017

Tenure-track assistant professor, Department of Computer Science and Engineering, College of Engineering

University of Illinois at Urbana-Champaign, IL, US August 2015 – August 2017

• Postdoctoral Research Associate in Data Mining Group, Computer Science

University of Maryland, College Park, MD, US

June 2016 – July 2016

• Visiting Researcher in Institute for Advanced Computer Studies

EDUCATION EXPERIENCE

Tsinghua University, Beijing, China

August 2010 – July 2015

- Ph.D. of Engineering in Computer Science with Dissertation Award
- Thesis: Modeling complex behaviors in social media

Carnegie Mellon University, Pittsburgh, PA, US

August 2012 – May 2013

• Visiting Ph.D. Student in Database Group, Computer Science

Tsinghua University, Beijing, China

August 2006 – July 2010

Bachelor of Engineering in Computer Science with Excellent Thesis Award

REFEREED JOURNAL PUBLICATIONS

[J11] Jingbo Shang, Jialu Liu, **Meng Jiang**, Xiang Ren, Clare R. Voss and Jiawei Han. "Automated Phrase Mining from Massive Text Corpora", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 30, no. 10, pp. 1825-1837, 2018. (Impact Factor = 2.476)

[J10] Jingbo Shang, **Meng Jiang**, Wenzhu Tong, Jinfeng Xiao, Jian Peng and Jiawei Han. "DPPred: An Effective Prediction Framework with Concise Discriminative Patterns", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 30, no. 7, pp. 1225-1239, 2018. (Impact Factor = 2.476)

[J9] Kun Kuang, **Meng Jiang**, Peng Cui, Jiashen Sun and Shiqiang Yang. "Effective Promotional Strategies Selection in Social Media: A Data-Driven Approach", in IEEE Transactions on Big Data (**TBD**), vol. 4, no. 4, pp. 487-501, 2018.

[J8] Huan Gui, Jialu Liu, Fangbo Tao, **Meng Jiang**, Brandon Norick, Lance Kaplan and Jiawei Han. "Embedding Learning with Events in Heterogeneous Information Networks", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 29, no. 11, pp. 2428-2441, 2017. (Impact Factor = 2.476)

- [J7] Meng Jiang, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms", in IEEE Transactions on Knowledge and Data Engineering (TKDE), vol. 28, no. 8, pp. 2187-2200, 2016. (Impact Factor = 2.476)
- [J6] **Meng Jiang**, Peng Cui and Christos Faloutsos. "Suspicious Behavior Detection: Current Trends and Future Directions", Special Issue on Online Behavioral Analysis and Modeling, in **IEEE Intelligent Systems**, vol. 31, no. 1, pp. 31-39, 2016. (Survey, Impact Factor = 3.532)
- [J5] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Catching Synchronized Behaviors in Large Networks: A Graph Mining Approach", Special Issue on the Best of SIGKDD 2014, in ACM Transactions on Knowledge Discovery from Data (**TKDD**), vol. 10, no. 4, article no. 35, 2016. (**3 among 146 accepted SIGKDD 2014 papers and 1,036 submissions**, Impact Factor = 1.000)
- [J4] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Lockstep Behavior from Connectivity Pattern in Large Graphs", in Knowledge and Information Systems (**KAIS**), vol. 48, no. 2, pp. 399-428, 2015. (Impact Factor = 1.702)
- [J3] **Meng Jiang**, Peng Cui, Xumin Chen, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation with Cross-Domain Transferable Knowledge", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 27, no. 11, pp. 3084-3097, 2015. (Impact Factor = 2.476)
- [J2] **Meng Jiang**, Peng Cui, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Scalable Recommendation with Social Contextual Information", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 26, no. 11, pp. 2789-2802, 2014. (Impact Factor = 2.476)
- [J1] Lu Liu, Feida Zhu, **Meng Jiang**, Jiawei Han, Lifeng Sun and Shiqiang Yang. "Mining Diversity on Social Media Networks", in Multimedia Tools and Applications (**MTA**), vol. 56, no. 1, pp. 179-205, 2012. (Impact Factor = 1.331)

REFEREED CONFERENCE PUBLICATIONS

- [C26] Daheng Wang⁺, Tianwen Jiang⁺, Nitesh Chawla and **Meng Jiang**. "TUBE: Embedding Behavior Outcomes for Predicting Success", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2019. (Research track, oral presentation, acceptance rate = 9.2%; ⁺ for advisees)
- [C25] Tianwen Jiang⁺, Tong Zhao⁺, Bing Qin, Ting Liu, Nitesh Chawla and **Meng Jiang**. "The Role of 'Condition': A Novel Scientific Knowledge Graph Representation and Construction Model", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2019. (Research track, acceptance rate = 14.1%; ⁺ for advisees)
- [C24] Xueying Wang⁺, Haiqiao Zhang⁺, Qi Li⁺, Yiyu Shi and **Meng Jiang**. "A Novel Unsupervised Approach for Precise Temporal Slot Filling from Incomplete and Noisy Temporal Contexts", in the International Web Conference (**TheWebConf**), 2019. (+ for advisees)
- [C23] Tong Zhao⁺, Matthew Malir⁺ and **Meng Jiang**. "Actionable Objective Optimization for Suspicious Behavior Detection on Large Bipartite Graphs", in IEEE International Conference on Big Data (**BigData**), 2018. (* for advisees)
- [C22] Fangbo Tao, Chao Zhang, Xiusi Chen, Meng Jiang, Tim Hanratty, Lance Kaplan and Jiawei Han. "Doc2Cube: Allocating Documents to Text Cube without La-

- beled Data", in IEEE International Conference on Data Mining (ICDM), 2018.
- [C21] Yukun Ding, Jinglan Liu, Jinjun Xiong, **Meng Jiang** and Yiyu Shi. "Optimizing Boiler Control in Real-Time with Machine Learning for Sustainability", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2018.
- [C20] Sendong Zhao, **Meng Jiang**, Ming Liu, Bing Qin and Ting Liu. "CausalTriad: Toward Pseudo Causal Relation Discovery and Hypotheses Generation from Medical Text Data", in ACM International Conference on Bioinformatics, Computational Biology, and Health Informatics (**BCB**), 2018. (Regular paper with oral presentation)
- [C19] Daheng Wang⁺, **Meng Jiang**, Qingkai Zeng⁺, Zachary Eberhart and Nitesh Chawla. "Multi-Type Itemset Embedding for Learning Behavior Success", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%; ⁺ for advisees)
- [C18] Meng Jiang*, Qi Li*, Xikun Zhang, Meng Qu, Timothy Hanratty, Jing Gao and Jiawei Han. "TruePIE: Discovering Reliable Patterns in Pattern-Based Information Extraction", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2018. (Long presentation, acceptance rate = 10.9%; * for equal contribution)
- [C17] Chao Zhang, Fangbo Tao, Xiusi Chen, Jiaming Shen, **Meng Jiang**, Brian Sadler, Michelle Vanni and Jiawei Han. "TaxoGen: Constructing Topical Concept Taxonomy by Adaptive Term Embedding and Clustering", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%)
- [C16] **Meng Jiang**, Jingbo Shang, Taylor Cassidy, Xiang Ren, Lance Kaplan, Timothy Hanratty and Jiawei Han. "MetaPAD: Meta Pattern Discovery from Massive Text Corpora", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.
- [C15] Kun Kuang, Peng Cui, Bo Li, **Meng Jiang** and Shiqiang Yang. "Estimating Treatment Effect in the Wild via Differentiated Confounder Balancing", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017. (Oral)
- [C14] Sendong Zhao, **Meng Jiang**, Quan Yuan, Bing Qin, Ting Liu and ChengXiang Zhai. "ContextCare: Incorporating Contextual Information Networks to Representation Learning in Medical Forum Data", in International Joint Conference on Artificial Intelligence (**IJCAI**), 2017.
- [C13] Kun Kuang, Peng Cui, Bo Li, **Meng Jiang**, Shiqiang Yang and Fei Wang. "Treatment Effect Estimation with Data-Driven Variable Decomposition", in AAAI Conference on Artificial Intelligence (**AAAI**), 2017.
- [C12] Kun Kuang, **Meng Jiang**, Peng Cui, Shiqiang Yang. "Steering Social Media Promotions with Effective Strategies", in IEEE International Conference on Data Mining (**ICDM**), 2016.
- [C11] Huan Gui, Jialu Liu, Fangbo Tao, **Meng Jiang**, Brandon Norick, Jiawei Han. "Large-Scale Embedding Learning in Heterogeneous Event Data", in IEEE International Conference on Data Mining (**ICDM**), 2016.
- [C10] Meng Jiang, Christos Faloutsos and Jiawei Han. "CatchTartan: Representing and Summarizing Dynamic Multicontextual Behaviors", in ACM SIGKDD Interna-

tional Conference on Knowledge Discovery and Data Mining (KDD), 2016. (Oral)

- [C9] **Meng Jiang**, Peng Cui, Nicholas Jing Yuan, Xing Xie and Shiqiang Yang. "Little is Much: Bridging Cross-Platform Behaviors through Overlapped Crowds", in AAAI Conference on Artificial Intelligence (**AAAI**), 2016.
- [C8] **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "A General Suspiciousness Metric for Dense Blocks in Multimodal Data", in IEEE International Conference on Data Mining (**ICDM**), 2015.
- [C7] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "CatchSync: Catching Synchronized Behavior in Large Directed Graphs", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2014. (**Best Paper Finalist**)
- [C6] **Meng Jiang**, Peng Cui, Fei Wang, Xinran Xu, Wenwu Zhu and Shiqiang Yang. "FEMA: Flexible Evolutionary Multi-faceted Analysis for Dynamic Behavioral Pattern Discovery", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2014.
- [C5] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Strange Behavior from Connectivity Pattern in Social Networks", in Pacific-Asia Conference on Knowledge Discovery and Data Mining (**PAKDD**), 2014. (Oral)
- [C4] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Detecting Suspicious Following Behavior in Multimillion-Node Social Networks", in International Conference on World Wide Web Companion (**WWW**), 2014. (Poster)
- [C3] **Meng Jiang**, Peng Cui, Fei Wang, Qiang Yang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation across Multiple Relational Domains", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2012.
- [C2] **Meng Jiang**, Peng Cui, Rui Liu, Qiang Yang, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Contextual Recommendation", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2012.
- [C1] Lu Liu, Jie Tang, Jiawei Han, **Meng Jiang** and Shiqiang Yang. "Mining Topic-Level Influence in Heterogeneous Networks", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2010.

REFEREED DEMONSTRATION PUBLICATIONS

- [D3] Wenhao Yu⁺, Zongze Li, Qingkai Zeng⁺ and **Meng Jiang**. "Tablepedia: Automating PDF Table Reading in an Experimental Evidence Exploration and Analytic System", in the Demonstration Track of the International Web Conference (**TheWebConf**), 2019. (⁺ for advisees)
- [D2] Daheng Wang⁺, **Meng Jiang**, Xueying Wang⁺, Tong Zhao⁺, Qingkai Zeng⁺ and Nitesh Chawla. "A Project Showcase for Planning Research Work towards Publishable Success", in the Project Showcase Track of ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. († for advisees)
- [D1] Xiang Ren, Jiaming Shen, Meng Qu, Xuan Wang, Zeqiu Wu, Qi Zhu, **Meng Jiang**, Fangbo Tao, Saurabh Sinha, David Liem, Peipei Ping, Richard Weinshilboum and Jiawei Han. "LifeNet: A Structured Network-Based Knowledge Exploration and Analytics System for Life Sciences", in the Annual Meeting of the Association for Computational Linguistics (**ACL**), 2017.

REFEREED WORKSHOP PUBLICATIONS [W3] Daheng Wang, Meng Jiang, Xueying Wang, Nitesh Chawla, and Paul Brunts.

"Multifaceted Event Analysis on Cross-Media Network Data", in the International Workshop on Heterogeneous Networks Analysis and Mining (**HeteroNAM**), with ACM Conference on Web Search and Data Mining (**WSDM**), 2018.

[W2] Liang-Wei Chen, Bhargav Mangipudi, Jayachandu Bandlamudi, Richa Sehgal, Yun Hao, **Meng Jiang**, and Huan Gui. "Integrating Knowledge from Latent and Explicit Features for Triple ScoringTeam Radicchio's Triple Scorer at WSDM Cup 2017", in the 10th ACM Conference on Web Search and Data Mining (**WSDM**) Cup Notebook Papers, 2017.

[W1] **Meng Jiang**. "Catching Social Media Advertisers with Strategy Analysis", in the International Workshop on Computational Methods for **CyberSafety**, with ACM International Conference on Information and Knowledge Management (**CIKM**), 2016.

BOOK CHAPTERS

[B2] **Meng Jiang**. "Behavior Modeling in Social Networks", in "Encyclopedia of Social Network Analysis and Mining", 2nd edition, Springer, 2018.

[B1] **Meng Jiang** and Peng Cui. "Mining User Behaviors in Large Social Networks", in "Big Data in Complex and Social Networks", Chapman and Hall/CRC Big Data Series, 2016.

TUTORIALS

[T6] **Meng Jiang**, Srijan Kumar, VS Subrahmanian, and Christos Faloutsos. "Data-Driven Approaches towards Malicious Behavior Modeling", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[T5] Jingbo Shang, Xiang Ren, **Meng Jiang**, and Jiawei Han. "Mining Entity-Relation-Attribute Structures from Massive Text Data", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[T4] Xiang Ren, **Meng Jiang**, Jingbo Shang, and Jiawei Han. "Building Structured Databases of Factual Knowledge from Massive Text Data", in ACM SIGMOD International Conference on Management of Data (**SIGMOD**), 2017.

[T3] Xiang Ren, Meng Jiang, Jingbo Shang, and Jiawei Han. "Constructing Structured Information Networks from Massive Text Corpora", in International World Wide Web Conference (WWW), 2017.

[T2] **Meng Jiang**, Peng Cui and Jiawei Han. "Data-Driven Behavioral Analytics: Observations, Representations and Models", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2016. (Taught 2 of 3 hours, 70+ audience and \$360 honorarium)

[T1] **Meng Jiang** and Peng Cui. "Behavior Modeling in Social Networks: From Micro to Macro", in IEEE International Conference on Data Mining (**ICDM**), 2015. (Taught all 3 hours, 50+ audience and \$700 honorarium)

TEACHING	Notre Dame CSE 40647/60647: Data Science	Fall 2019
EXPERIENCE	Notre Dame CSE 40647/60647: Data Science	Fall 2018
	Notre Dame CSE 40647/60647: Data Science	Spring 2018
	Notre Dame CSE 40647/60647: Data Science	Fall 2017
	UIUC CS412: Intro to Data Warehousing and Data Mining	Summer 2017
HONORS AND	The 3^{rd} place in WSDM CUP Competition	2017
AWARDS	KDD 2016 Rising Stars, Microsoft Academic Search	2016
	Tutorial Honorarium, ACM CIKM	2016
	Tutorial Honorarium, IEEE ICDM	2015
	Dissertation Award, Tsinghua University	2015

	Excellent PhD Graduate, Beijing City SIGKDD Best Paper Finalist National Scholarship, China Award of Excellence in MSRA Internship Program KDD Student Travel Award PAKDD Student Travel Grant Award Sohu Research Fellowship	2015 2014 2014 2014 2014 2014 2013
STUDENTS' HONORS	Mr. Tong Zhao, the Honorable Mention Outstanding TA Award Ms. Xueying Wang, NSF Travel Grant Scholarship for TheWebConf Ms. Xueying Wang, the Outstanding Research Poster Award – Faculty Choice	2019 2019 2018
CURRENT GRADUATE STUDENTS	Mr. Wenhao Yu, PhD student (2019 –) Mr. Qingkai Zeng, PhD student (2018 –) Mr. Tong Zhao, Master student (2017 – 2018), PhD student (2018 –) Ms. Xueying Wang, PhD student (2016 –) Ms. Haiqiao Zhang, PhD student (2016 –), coadvised with Prof. Yiyu Shi Mr. Daheng Wang, PhD student (2016 –), coadvised with Prof. Nitesh Chawla	ı
Undergraduate Researchers	Ms. Tina Wu, Junior (Spring 2019) Mr. Matthew Malir, Sophomore, published in IEEE BigData 2018 (Spring 2018) Mr. Sebastian Miner, Sophomore (Spring 2018)	
VISITING GRADUATE STUDENTS	Mr. Tianwen Jiang, Harbin Institute of Technology (Advisor: Prof. Bing Qin) (2018 – Sept. 2019) Mr. Guoqiang Liu, Biology, University of Notre Dame (Jan. 2019 – May 2019) Mr. Zijian Hu, Southeat University, China (June 2019 – Aug. 2019)	(Aug.
VISITING UNDERGRADUATE STUDENTS	Mr. Zhihan Zhang, Peking University (Summer 2019) Ms. Mengxia Yu, Peking University (Summer 2019) Mr. Xin Liu, Zhejiang University (Summer 2019) Mr. Wei Peng, Zhejiang University (Summer 2019) Mr. Kaifeng Yu, Tsinghua University (Summer 2019) Ms. Yang Zhou, Wuhan University (Summer 2019) Mr. Wenhao Yu, Sichuan University (Summer 2018) Mr. Rui Liu, Dalian University of Technology (Summer 2018)	
Professional	Ph.D. Committee Member	

SERVICES

- Maria Glenski, University of Notre Dame (Advisor: Prof. Timothy Weninger)
- Kaitlynn Meis, University of Notre Dame (Advisor: Prof. Michael Ferdig)
- Kenton Murray, University of Notre Dame (Advisor: Prof. David Chiang)
- Chao Huang, University of Notre Dame (Advisor: Prof. Nitesh Chawla)
- Shenglong Zhu, University of Notre Dame (Advisor: Profs. Danny Chen and Scott Emrich)
- Yuan Gong, University of Notre Dame (Advisor: Prof. Christian Poellabauer)
- Chuxu Zhang, University of Notre Dame (Advisor: Prof. Nitesh Chawla)
- Zhiyu Liu, University of Notre Dame (Advisor: Prof. Hai Lin)
- Xian Wu, University of Notre Dame (Advisor: Prof. Nitesh Chawla)

Workshop/Special Session Organizer

- Workshop on Misinformation and Misbehavior Mining on the Web (MIS2),
- Special session on Big Behavioral Data Analytics (BBDA) in IEEE International Conference on Data Science and Advanced Analytics (DSAA), 2016

Senior Program Committee Member

• Publication Chair, ACM International Conference on Information and Knowl-

- edge Management (CIKM), 2019
- Publicity Chair, International Conference on Computational Data and Social Networks (CSoNet), 2019

Program Committee Member

- ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2018, 2019
- International World Wide Web Conference (WWW), 2018, 2019
- Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018, 2019
- AAAI Conference on Artificial Intelligence (AAAI), 2017, 2018, 2019
- International Joint Conference on Artificial Intelligence (IJCAI), 2019
- ACM International Conference on Web Search and Data Mining (WSDM), 2018, 2019
- ACM International Conference on Information and Knowledge Management (CIKM), 2017, 2018, 2019
- SIAM Data Mining Conference (SDM), 2018, 2019
- ACM International Conference on Multimedia (MM), 2017, 2018
- Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), 2017, 2018, 2019
- International Conference Series on Advances in Social Network Analysis and Mining (ASONAM), 2019
- Workshop on Graph Techniques for Adversarial Activity Analytics (GTA3), 2018
- The Joint International Workshop on Social Influence Analysis and Mining Actionable Insights from Social Networks (SocInf+MAISoN), 2018
- IEEE International Conference on Data Science in Cyberspace (DSC), 2016, 2018
- IEEE International Conference on Big Knowledge (ICBK), 2017
- IEEE International Conference on Data Science and Advanced Analytics (DSAA), 2015

Journal Reviewer

- IEEE Access (Access)
- Artificial Intelligence Journal (AI Journal)
- Data Mining and Knowledge Discovery (DMKD, DAMI)
- Decision Sciences Journal (**DSJ**)
- Frontiers of Computer Science (FCS)
- International Journal of Information Technology and Decision Making (IJITDM)
- Information Sciences (INS)
- Information Systems (InfoSys)
- Information Processing and Management (IPM)
- IEEE Intelligent Systems (IS)
- Journal of Computers (JCP)
- Journal of Machine Learning Research (JMLR)
- INFORMS Journal on Computing (JOC)
- Knowledge and Information Systems (KAIS)
- Neurocomputing (**NEUCOM**)
- Pattern Recognition (PR)
- IEEE Transactions on Big Data (TBD)
- IEEE Transactions on Information Forensics and Security (TIFS)
- KSII Transactions on Internet and Information Systems (TIIS)
- ACM Transactions on Intelligent Systems and Technology (TIST)
- ACM Transactions on Knowledge Discovery from Data (TKDD)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)

- ACM Transactions on Multimedia Computing Communications and Applications (TOMCCAP)
- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
- World Wide Web Journal (WWWJ)

(Last updated on May 2, 2019)