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This index covers all technical items — papers, correspondence, reviews, etc. — that appeared in this periodical during 2016, and items from previous years that were commented upon or corrected in 2016. Departments and other items may also be covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, month, and inclusive pagination. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, month, and year, and inclusive pages. Note that the item title is found only under the primary entry in the Author Index.

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- Gutierrez, P.A.**, Perez-Ortiz, M., Sanchez-Monedero, J., Fernandez-Navarro, F., and Hervas-Martinez, C., Ordinal Regression Methods: Survey and Experimental Study; *TKDE Jan. 2016 127-146*
- H**
- Haghigh, P.D.**, see Kang, Y., *TKDE Feb. 2016 524-536*
- Hahsler, M.**, and Bolaos, M., Clustering Data Streams Based on Shared Density between Micro-Clusters; *TKDE June 2016 1449-1461*
- Han, G.**, see Yu, Z., *TKDE March 2016 701-714*
- Han, J.**, see Al-Khateeb, T., *TKDE Oct. 2016 2752-2764*
- Han, J.**, see Li, Y., *TKDE Aug. 2016 1986-1999*
- Han, J.**, see Cheng, P., *TKDE Aug. 2016 2201-2215*
- Han, S.**, Lam, K., Chen, D., Xiong, M., Wang, J., Ramamritham, K., and Mok, A.K., Online Mode Switch Algorithms for Maintaining Data Freshness in Dynamic Cyber-Physical Systems; *TKDE March 2016 756-769*
- Hao, S.**, see Wang, M., *TKDE July 2016 1864-1877*
- Hashemi, S.**, see Abdi, L., *TKDE Jan. 2016 238-251*
- He, H.**, see Tang, B., *TKDE June 2016 1602-1606*
- He, H.**, see Tang, B., *TKDE Sept. 2016 2508-2521*
- He, J.**, see Yang, P., *TKDE Dec. 2016 3154-3168*
- He, W.**, see Wang, P., *TKDE Feb. 2016 425-438*
- He, X.**, see Zhao, Z., *TKDE March 2016 689-700*
- He, X.**, see Zhao, Z., *TKDE Sept. 2016 2522-2534*
- He, X.**, see Bu, J., *TKDE Sept. 2016 2363-2375*
- He, Y.**, see Zhao, W.X., *TKDE May 2016 1147-1159*
- He, Y.**, see Magdy, A., *TKDE Feb. 2016 356-370*
- He, Z.**, see Xu, W., *TKDE Aug. 2016 2071-2085*
- He, Z.**, see Yang, S., *TKDE March 2016 831-844*
- Hervas-Martinez, C.**, see Gutierrez, P.A., *TKDE Jan. 2016 127-146*
- Ho, J.**, see Wu, C., *TKDE Jan. 2016 17-28*
- Hoang, T.**, and Lim, E., Microblogging Content Propagation Modeling Using Topic-Specific Behavioral Factors; *TKDE Sept. 2016 2407-2422*
- Hoi, S.C.H.**, see Wu, P., *TKDE Feb. 2016 454-467*
- Hoi, S.C.H.**, see Huang, D., *TKDE Sept. 2016 2480-2493*
- Hong, L.**, see Zheng, W., *TKDE July 2016 1805-1819*
- Hong, Y.**, Tang, Q., Gao, X., Yao, B., Chen, G., and Tang, S., Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System; *TKDE June 2016 1503-1517*
- Hooi, B.**, see Jiang, M., *TKDE Aug. 2016 2187-2200*
- Hsu, W.**, see Chang, Y., *TKDE Sept. 2016 2494-2507*
- Hsueh, Y.**, see Zhang, Y., *TKDE April 2016 951-964*
- Hu, C.**, and Cao, H., Aspect-Level Influence Discovery from Graphs; *TKDE July 2016 1635-1649*
- Hu, H.**, Li, G., Bao, Z., Feng, J., Wu, Y., Gong, Z., and Xu, Y., Top-k Spatio-Textual Similarity Join; *TKDE Feb. 2016 551-565*
- Hu, H.**, see Chen, L., *TKDE Sept. 2016 2423-2437*
- Hu, L.**, see Yu, L., *TKDE July 2016 1891-1904*
- Hu, S.**, see Dou, Z., *TKDE Feb. 2016 385-397*
- Hu, W.**, see Wu, O., *TKDE July 2016 1934-1939*
- Hu, Z.**, see Zhu, J., *TKDE July 2016 1790-1804*
- Hua, K.A.**, see Tang, B., *TKDE May 2016 1175-1188*
- Huai, J.**, see Ma, S., *TKDE July 2016 1835-1850*
- Huang, D.**, Lai, J., and Wang, C., Robust Ensemble Clustering Using Probability Trajectories; *TKDE May 2016 1312-1326*
- Huang, D.**, Zhou, J., Li, B., Hoi, S.C.H., and Zhou, S., Robust Median Reversion Strategy for Online Portfolio Selection; *TKDE Sept. 2016 2480-2493*
- Huang, H.**, Yoo, S., Yu, D., and Qin, H., Diverse Power Iteration Embeddings: Theory and Practice; *TKDE Oct. 2016 2606-2620*
- Huang, J.**, Li, G., Huang, Q., and Wu, X., Learning Label-Specific Features and Class-Dependent Labels for Multi-Label Classification; *TKDE Dec. 2016 3309-3323*
- Huang, L.**, see Shen, C., *TKDE Jan. 2016 196-210*
- Huang, N.**, see Chen, L., *TKDE Sept. 2016 2423-2437*
- Huang, Q.**, see Huang, J., *TKDE Dec. 2016 3309-3323*
- Huang, S.**, see Wu, H., *TKDE Nov. 2016 2927-2942*
- Huang, T.**, see Yan, H., *TKDE April 2016 912-924*
- Huang, X.**, see Zhang, Q., *TKDE April 2016 845-857*
- Huang, Y.**, see Wang, Y., *TKDE July 2016 1919-1933*
- Huang, Y.**, see Wu, H., *TKDE Nov. 2016 2927-2942*
- Huet, F.**, see Song, G., *TKDE Sept. 2016 2376-2392*
- Huh, E.**, see Bui, D., *TKDE June 2016 1369-1382*

- Huh, M.Y.**, see Kim, H., *TKDE Jan. 2016 29-40*
Hüllermeier, E., see Leinweber, M., *TKDE June 2016 1423-1434*
Hur, J., Koo, D., Shin, Y., and Kang, K., Secure Data Deduplication with Dynamic Ownership Management in Cloud Storage; *TKDE Nov. 2016 3113-3125*
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- Imran, M.A.**, see O'Reilly, C., *TKDE Sept. 2016 2320-2333*
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- Jatowt, A.**, see Zhang, Y., *TKDE Oct. 2016 2793-2807*
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Jhang, Y., see Zhang, Y., *TKDE April 2016 951-964*
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Jiang, G., see Liu, C., *TKDE Jan. 2016 211-223*
Jiang, J., see Xie, W., *TKDE Aug. 2016 2216-2229*
Jiang, M., Beutel, A., Cui, P., Hooi, B., Yang, S., and Faloutsos, C., Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms; *TKDE Aug. 2016 2187-2200*
Jiang, S., and Chen, H., NATERGM: A Model for Examining the Role of Nodal Attributes in Dynamic Social Media Networks; *TKDE March 2016 729-740*
Jiang, Y., see Liu, J., *TKDE April 2016 939-950*
Jiang, Z., see Dou, Z., *TKDE Feb. 2016 385-397*
Jin, P., see Xie, X., *TKDE Feb. 2016 439-453*
Jin, R., see Wu, Y., *TKDE May 2016 1160-1174*
Jin, T., see Li, R., *TKDE Feb. 2016 468-482*
Joglekar, M., see Garcia-Molina, H., *TKDE April 2016 901-911*
Johnson, D.M., Xiong, C., and Corso, J.J., Semi-Supervised Nonlinear Distance Metric Learning via Forests of Max-Margin Cluster Hierarchies; *TKDE April 2016 1035-1046*
Jovanovic, P., Romero, O., Simitsis, A., and Abello, A., Incremental Consolidation of Data-Intensive Multi-Flows; *TKDE May 2016 1203-1216*
Jurdak, R., see Liu, J., *TKDE Nov. 2016 2827-2841*

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- Kalnis, P.**, see Shang, S., *TKDE May 2016 1132-1146*
Kang, J.M., see Eftelioglu, E., *TKDE Dec. 2016 3367-3381*
Kang, K., see Hur, J., *TKDE Nov. 2016 3113-3125*
Kang, Y., Haghigh, P.D., and Burstein, F., TaxoFinder: A Graph-Based Approach for Taxonomy Learning; *TKDE Feb. 2016 524-536*
Kaplan, L.M., see Ouyang, R.W., *TKDE July 2016 1621-1634*
Kay, S., see Tang, B., *TKDE June 2016 1602-1606*
Kay, S., see Tang, B., *TKDE Sept. 2016 2508-2521*
Ke, Y., see Wu, H., *TKDE Nov. 2016 2927-2942*
Kefalas, P., Symeonidis, P., and Manolopoulos, Y., A Graph-Based Taxonomy of Recommendation Algorithms and Systems in LBSNs; *TKDE March 2016 604-622*
Kemper, A., see Leis, V., *TKDE Feb. 2016 297-310*
Kersten, M., see Sellam, T., *TKDE May 2016 1118-1131*
Kessl, R., Probabilistic Static Load-Balancing of Parallel Mining of Frequent Sequences; *TKDE May 2016 1299-1311*
Khalil, I., see Almalawi, A.M., *TKDE Jan. 2016 68-81*
Khan, L., see Al-Khateeb, T., *TKDE Oct. 2016 2752-2764*
Khemmarat, S., and Gao, L., Fast Top-K Path-Based Relevance Query on Massive Graphs; *TKDE May 2016 1189-1202*
Kim, H., Choi, B.S., and Huh, M.Y., Booster in High Dimensional Data Classification; *TKDE Jan. 2016 29-40*
Kim, M., Mohaisen, A., Cheon, J.H., and Kim, Y., Private Over-Threshold Aggregation Protocols over Distributed Datasets; *TKDE Sept. 2016 2467-2479*
Kim, Y., see Kim, M., *TKDE Sept. 2016 2467-2479*
Kiranyaz, S., see Ozan, E.C., *TKDE July 2016 1722-1733*

- Kiranyaz, S.**, see Ozan, E.C., *TKDE Nov. 2016 2884-2894*
Klebe, G., see Leinweber, M., *TKDE June 2016 1423-1434*
Kokciyan, N., and Yolum, P., PriGuard: A Semantic Approach to Detect Privacy Violations in Online Social Networks; *TKDE Oct. 2016 2724-2737*
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- Lai, J.**, see Wang, C., *TKDE April 2016 1007-1021*
Lai, J., see Huang, D., *TKDE May 2016 1312-1326*
Laitila, P., and Virtanen, K., Improving Construction of Conditional Probability Tables for Ranked Nodes in Bayesian Networks; *TKDE July 2016 1691-1705*
Lam, K., see Han, S., *TKDE March 2016 756-769*
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Lee, W., see Shen, C., *TKDE Jan. 2016 196-210*
Lei, X., see Zhao, G., *TKDE Dec. 2016 3382-3394*
Leinweber, M., Fober, T., Strickert, M., Baumgartner, L., Klebe, G., Freisleben, B., and Hüllermeier, E., CavSimBase: A Database for Large Scale Comparison of Protein Binding Sites; *TKDE June 2016 1423-1434*
Leis, V., Kemper, A., and Neumann, T., Scaling HTM-Supported Database Transactions to Many Cores; *TKDE Feb. 2016 297-310*
Leung, H., see Yu, Z., *TKDE March 2016 701-714*
Li, A., see Li, H., *TKDE Sept. 2016 2349-2362*
Li, B., see Huang, D., *TKDE Sept. 2016 2480-2493*
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Li, G., see Shang, Z., *TKDE Dec. 2016 3293-3308*
Li, G., see Wei, W., *TKDE July 2016 1764-1778*
Li, G., see Hu, H., *TKDE Feb. 2016 551-565*
Li, G., Wang, J., Zheng, Y., and Franklin, M.J., Crowdsourced Data Management: A Survey; *TKDE Sept. 2016 2296-2319*
Li, H., see Wang, M., *TKDE Nov. 2016 3068-3082*
Li, H., Bu, Z., Li, A., Liu, Z., and Shi, Y., Fast and Accurate Mining the Community Structure: Integrating Center Locating and Membership Optimization; *TKDE Sept. 2016 2349-2362*
Li, J., see Ma, S., *TKDE July 2016 1835-1850*
Li, J., Liu, C., Yu, J.X., Chen, Y., Sellis, T., and Culpepper, J.S., Personalized Influential Topic Search via Social Network Summarization; *TKDE July 2016 1820-1834*
Li, J., see Deng, K., *TKDE Aug. 2016 1959-1970*
Li, J., see Deng, K., *TKDE Aug. 2016 1959-1970*
Li, K., see Zhou, X., *TKDE Oct. 2016 2808-2821*
Li, K., see Zhou, X., *TKDE Oct. 2016 2808-2821*
Li, K., see Zhou, X., *TKDE Feb. 2016 371-384*
Li, K., see Zhou, X., *TKDE Feb. 2016 371-384*
Li, Q., see Li, Y., *TKDE Aug. 2016 1986-1999*
Li, R., see Lu, C., *TKDE Aug. 2016 2086-2100*
Li, R., Qin, L., Yu, J.X., and Mao, R., Optimal Multi-Meeting-Point Route Search; *TKDE March 2016 770-784*
Li, R., Yu, J.X., Mao, R., and Jin, T., Recursive Stratified Sampling: A New Framework for Query Evaluation on Uncertain Graphs; *TKDE Feb. 2016 468-482*
Li, R., see Wang, Z., *TKDE Nov. 2016 2857-2870*
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Li, S., see Zhao, W.X., *TKDE May 2016 1147-1159*
Li, X., see Pham, T.N., *TKDE Dec. 2016 3140-3153*
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Li, X., see Zhao, W.X., *TKDE May 2016 1147-1159*
Li, X., see Chen, L., *TKDE Sept. 2016 2423-2437*
Li, Y., Yang, M., Qi, Z., and Zhang, Z.M., Bayesian Multi-Task Relationship Learning with Link Structure; *TKDE April 2016 873-887*
Li, Y., see Zhou, J., *TKDE May 2016 1340-1353*

- Li, Y., Li, Q., Gao, J., Su, L., Zhao, B., Fan, W., and Han, J.,** Conflicts to Harmony: A Framework for Resolving Conflicts in Heterogeneous Data by Truth Discovery; *TKDE Aug. 2016 1986-1999*
- Li, Z.,** see Liu, J., *TKDE April 2016 939-950*
- Li, Z.,** see Xie, Q., *TKDE May 2016 1258-1271*
- Li, Z.,** see Liu, Q., *TKDE Aug. 2016 2230-2245*
- Li, Z.,** see Wu, B., *TKDE Aug. 2016 2013-2026*
- Lian, X.,** see Yuan, Y., *TKDE June 2016 1575-1588*
- Lian, X.,** Chen, L., and Wang, G., Quality-Aware Subgraph Matching Over Inconsistent Probabilistic Graph Databases; *TKDE June 2016 1560-1574*
- Lian, X.,** see Zheng, W., *TKDE July 2016 1805-1819*
- Lian, X.,** see Cheng, P., *TKDE Aug. 2016 2201-2215*
- Liang, H.,** see Wang, Q., *TKDE Jan. 2016 166-180*
- Liang, J.,** see Wang, Z., *TKDE Nov. 2016 2857-2870*
- Liang, J.,** see Bai, L., *TKDE Nov. 2016 2871-2883*
- Liang, S.,** Cai, F., Ren, Z., and de Rijke, M., Efficient Structured Learning for Personalized Diversification; *TKDE Nov. 2016 2958-2973*
- Liang, S.,** see Cai, F., *TKDE Sept. 2016 2452-2466*
- Liang, X.,** see Zhou, X., *TKDE Feb. 2016 411-424*
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- Lin, Q.,** see Yao, C., *TKDE Oct. 2016 2635-2650*
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- Lin, X.,** see Wang, X., *TKDE Oct. 2016 2621-2634*
- Lin, X.,** see Yu, Z., *TKDE Feb. 2016 566-579*
- Lin, X.,** see Wang, J., *TKDE Nov. 2016 2943-2957*
- Liu, C.,** see Li, J., *TKDE July 2016 1820-1834*
- Liu, C.,** Zhang, K., Xiong, H., Jiang, G., and Yang, Q., Temporal Skeletonization on Sequential Data: Patterns, Categorization, and Visualization; *TKDE Jan. 2016 211-223*
- Liu, G.,** see Gu, Y., *TKDE Oct. 2016 2778-2792*
- Liu, H.,** see Zhang, X., *TKDE Dec. 2016 3324-3338*
- Liu, J.,** Jiang, Y., Li, Z., Zhang, X., and Lu, H., Domain-Sensitive Recommendation with User-Item Subgroup Analysis; *TKDE April 2016 939-950*
- Liu, J.,** see Wang, Y., *TKDE July 2016 1919-1933*
- Liu, J.,** Wang, K., and Fung, B.C., Mining High Utility Patterns in One Phase without Generating Candidates; *TKDE May 2016 1245-1257*
- Liu, J.,** Zhao, K., Sommer, P., Shang, S., Kusy, B., Lee, J., and Jurdak, R., A Novel Framework for Online Amnesic Trajectory Compression in Resource-Constrained Environments; *TKDE Nov. 2016 2827-2841*
- Liu, Q.,** Cheng, J., Li, Z., and Lui, J.C., VENUS: A System for Streamlined Graph Computation on a Single PC; *TKDE Aug. 2016 2230-2245*
- Liu, Q.,** see Wu, S., *TKDE Aug. 2016 2000-2012*
- Liu, Q.,** see Gao, Y., *TKDE Nov. 2016 2974-2987*
- Liu, S.,** see Qu, Q., *TKDE Dec. 2016 3231-3245*
- Liu, T.,** see Zhang, W., *TKDE April 2016 888-900*
- Liu, T.,** see Tang, D., *TKDE Feb. 2016 496-509*
- Liu, X.,** see Zhang, X., *TKDE Dec. 2016 3324-3338*
- Liu, X.,** see Wang, P., *TKDE Feb. 2016 425-438*
- Liu, Y.,** see Shang, Z., *TKDE Dec. 2016 3293-3308*
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- Liu, Z.,** see Li, H., *TKDE Sept. 2016 2349-2362*
- Lo, E.,** see Xu, W., *TKDE Aug. 2016 2071-2085*
- Lobo, J.,** see Ma, J., *TKDE June 2016 1489-1502*
- Long, G.,** see Wang, S., *TKDE Dec. 2016 3191-3202*
- Long, G.,** see Zhang, Q., *TKDE Oct. 2016 2709-2723*
- Long, M.,** Wang, J., Cao, Y., Sun, J., and Yu, P.S., Deep Learning of Transferable Representation for Scalable Domain Adaptation; *TKDE Aug. 2016 2027-2040*
- Lozano, J.A.,** see Mori, U., *TKDE Jan. 2016 181-195*
- Lu, C.,** see Lu, Y., *TKDE Oct. 2016 2582-2595*
- Lu, C.,** Yu, J.X., Li, R., and Wei, H., Exploring Hierarchies in Online Social Networks; *TKDE Aug. 2016 2086-2100*
- Lu, H.,** see Liu, J., *TKDE April 2016 939-950*
- Lu, H.,** see Zhao, Z., *TKDE Sept. 2016 2522-2534*
- Lu, Y.,** see Zhou, J., *TKDE May 2016 1340-1353*
- Lu, Y.,** Chen, F., Wang, Y., and Lu, C., Discovering Anomalies on Mixed-Type Data Using a Generalized Student-*t* Based Approach; *TKDE Oct. 2016 2582-2595*
- Lucey, P.,** see Bialkowski, A., *TKDE Oct. 2016 2596-2605*
- Lucey, P.,** see Wei, X., *TKDE Nov. 2016 2988-2997*
- Lui, J.C.,** see Liu, Q., *TKDE Aug. 2016 2230-2245*
- Luo, D.,** Xu, H., Zhen, Y., Dilikina, B., Zha, H., Yang, X., and Zhang, W., Learning Mixtures of Markov Chains from Aggregate Data with Structural Constraints; *TKDE June 2016 1518-1531*
- Luo, J.,** see Wang, Z., *TKDE Feb. 2016 537-550*
- Luo, P.,** see Yu, Z., *TKDE March 2016 701-714*

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- Ma, J.,** Le, F., Russo, A., and Lobo, J., Declarative Framework for Specification, Simulation and Analysis of Distributed Applications; *TKDE June 2016 1489-1502*
- Ma, S.,** Feng, K., Li, J., Wang, H., Cong, G., and Huai, J., Proxies for Shortest Path and Distance Queries; *TKDE July 2016 1835-1850*
- Ma, Y.,** see Zhou, X., *TKDE Feb. 2016 411-424*
- Magdy, A.,** Mokbel, M.F., Elnikety, S., Nath, S., and He, Y., Venus: Scalable Real-Time Spatial Queries on Microblogs with Adaptive Load Shedding; *TKDE Feb. 2016 356-370*
- Magoules, F.,** see Song, G., *TKDE Sept. 2016 2376-2392*
- Mahmood, A.,** and Small, M., Subspace Based Network Community Detection Using Sparse Linear Coding; *TKDE March 2016 801-812*
- Malensek, M.,** Pallickara, S., and Pallickara, S., Analytic Queries over Geospatial Time-Series Data Using Distributed Hash Tables; *TKDE June 2016 1408-1422*
- Malluhi, Q.M.,** see Tang, M., *TKDE Feb. 2016 510-523*
- Mamoulis, N.,** see Shi, J., *TKDE Jan. 2016 224-237*
- Mamoulis, N.,** see Qi, S., *TKDE Jan. 2016 82-97*
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- Mao, R.,** see Li, R., *TKDE Feb. 2016 468-482*
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- Marcus, A.,** see Garcia-Molina, H., *TKDE April 2016 901-911*
- Martinenghi, D.,** see Ciceri, E., *TKDE Jan. 2016 41-53*
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- Medvet, E.,** see Bartoli, A., *TKDE May 2016 1217-1230*
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- Mei, T.,** see Zhao, G., *TKDE Dec. 2016 3382-3394*
- Melucci, M.,** Relevance Feedback Algorithms Inspired By Quantum Detection; *TKDE April 2016 1022-1034*
- Mendiburu, A.,** see Mori, U., *TKDE Jan. 2016 181-195*
- Miao, C.,** see Wei, W., *TKDE July 2016 1764-1778*
- Miao, C.,** see Wu, P., *TKDE Feb. 2016 454-467*
- Miao, X.,** Gao, Y., Zheng, B., Chen, G., and Cui, H., Top-*k* Dominating Queries on Incomplete Data; *TKDE Jan. 2016 252-266*
- Miller, D.J.,** see Soleimani, H., *TKDE Sept. 2016 2267-2280*
- Ming, Z.,** see Zhang, W., *TKDE April 2016 888-900*
- Minku, L.L.,** see Sun, Y., *TKDE June 2016 1532-1545*
- Mitzenmacher, M.,** Reviriego, P., and Pontarelli, S., OMASS: One Memory Access Set Separation; *TKDE July 2016 1940-1943*
- Mohaisen, A.,** see Kim, M., *TKDE Sept. 2016 2467-2479*
- Mok, A.K.,** see Han, S., *TKDE March 2016 756-769*
- Mokbel, M.F.,** see Magdy, A., *TKDE Feb. 2016 356-370*
- Momeni, E.,** see Rawassizadeh, R., *TKDE Nov. 2016 3098-3112*
- Montanari, P.,** Bartolini, I., Ciaccia, P., Patella, M., Ceri, S., and Masseroli, M., Pattern Similarity Search in Genomic Sequences; *TKDE Nov. 2016 3053-3067*
- Morabito, M.,** see Yu, C., *TKDE April 2016 979-993*
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- Mori, U.,** Mendiburu, A., and Lozano, J.A., Similarity Measure Selection for Clustering Time Series Databases; *TKDE Jan. 2016 181-195*
- Mu, T.,** see Bollegala, D., *TKDE Feb. 2016 398-410*
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- Nath, S.,** see Magdy, A., *TKDE Feb. 2016 356-370*
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- Ng, W.,** see Zhao, Z., *TKDE March 2016 689-700*
- Nguyen, Q.V.H.,** see Yin, H., *TKDE Oct. 2016 2566-2581*
- Norman, T.J.,** see Ouyang, R.W., *TKDE April 2016 1047-1060*
- Norman, T.J.,** see Ouyang, R.W., *TKDE July 2016 1621-1634*

O

- Ooi, B.C.**, see Yao, C., *TKDE Oct. 2016 2635-2650*
- Ordonez, C.**, Zhang, Y., and Cabrera, W., The Gamma Matrix to Summarize Dense and Sparse Data Sets for Big Data Analytics; *TKDE July 2016 1905-1918*
- O'Reilly, C.**, Gluhak, A., and Imran, M.A., Distributed Anomaly Detection Using Minimum Volume Elliptical Principal Component Analysis; *TKDE Sept. 2016 2320-2333*
- Ouyang, R.W.**, Srivastava, M., Toniolo, A., and Norman, T.J., Truth Discovery in Crowdsourced Detection of Spatial Events; *TKDE April 2016 1047-1060*
- Ouyang, R.W.**, Kaplan, L.M., Toniolo, A., Srivastava, M., and Norman, T.J., Aggregating Crowdsourced Quantitative Claims: Additive and Multiplicative Models; *TKDE July 2016 1621-1634*
- Ouzzani, M.**, see Tang, M., *TKDE Feb. 2016 510-523*
- Ozan, E.C.**, Kiranyaz, S., and Gabbouj, M., K-Subspaces Quantization for Approximate Nearest Neighbor Search; *TKDE July 2016 1722-1733*
- Ozan, E.C.**, Kiranyaz, S., and Gabbouj, M., Competitive Quantization for Approximate Nearest Neighbor Search; *TKDE Nov. 2016 2884-2894*

P

- Palaniswami, M.**, see Park, L.A.F., *TKDE Dec. 2016 3409-3422*
- Pallickara, S.**, see Malensek, M., *TKDE June 2016 1408-1422*
- Pallickara, S.**, see Malensek, M., *TKDE June 2016 1408-1422*
- Palpanas, T.**, see Tsytsarau, M., *TKDE Nov. 2016 3028-3040*
- Pan, S.**, Wu, J., Zhu, X., Zhang, C., and Yu, P.S., Joint Structure Feature Exploration and Regularization for Multi-Task Graph Classification; *TKDE March 2016 715-728*
- Pang, C.**, see Deng, K., *TKDE Aug. 2016 1959-1970*
- Pang, S.**, see Zhu, L., *TKDE Aug. 2016 2115-2127*
- Papammanouil, O.**, see Dimitriadou, K., *TKDE Nov. 2016 2842-2856*
- Parameswaran, A.**, see Garcia-Molina, H., *TKDE April 2016 901-911*
- Park, L.A.F.**, Bezdek, J.C., Leckie, C., Kotagiri, R., Bailey, J., and Palaniswami, M., Visual Assessment of Clustering Tendency for Incomplete Data; *TKDE Dec. 2016 3409-3422*
- Parsons, J.**, see Sekhvat, Y.A., *TKDE July 2016 1878-1890*
- Passalis, N.**, and Tefas, A., Entropy Optimized Feature-Based Bag-of-Words Representation for Information Retrieval; *TKDE July 2016 1664-1677*
- Patella, M.**, see Montanari, P., *TKDE Nov. 2016 3053-3067*
- Paulet, R.**, see Yi, X., *TKDE June 2016 1546-1559*
- Pazzani, M.**, see Rawassizadeh, R., *TKDE Nov. 2016 3098-3112*
- Pei, J.**, EIC Editorial; *TKDE Oct. 2016 2535-2537*
- Peng, P.**, Shou, L., Chen, K., Chen, G., and Wu, S., KISS: Knowing Camera Prototype System for Recognizing and Annotating Places-of-Interest; *TKDE April 2016 994-1006*
- Peng, W.**, see Chen, L., *TKDE Sept. 2016 2423-2437*
- Perez-Ortiz, M.**, see Gutierrez, P.A., *TKDE Jan. 2016 127-146*
- Pham, T.N.**, Li, X., Cong, G., and Zhang, Z., A General Recommendation Model for Heterogeneous Networks; *TKDE Dec. 2016 3140-3153*
- Phillips, J.M.**, see Desai, A., *TKDE July 2016 1678-1690*
- Pineau, J.**, see Wang, B., *TKDE Dec. 2016 3353-3366*
- Piovesan, L.**, see Anselma, L., *TKDE Oct. 2016 2538-2551*
- Pitoura, E.**, see Chatzimilioudis, G., *TKDE April 2016 925-938*
- Polese, G.**, see Caruccio, L., *TKDE Jan. 2016 147-165*
- Pontarelli, S.**, see Mitzenmacher, M., *TKDE July 2016 1940-1943*
- Prakash, B.A.**, see Zhang, Y., *TKDE Dec. 2016 3339-3352*
- Prakash, B.A.**, see Chen, C., *TKDE Jan. 2016 113-126*

Q

- Qarabaqi, B.**, and Riedewald, M., Merlin: Exploratory Analysis with Imprecise Queries; *TKDE Feb. 2016 342-355*
- Qi, J.**, see Gu, Y., *TKDE Oct. 2016 2778-2792*
- Qi, S.**, Wu, D., and Mamoulis, N., Location Aware Keyword Query Suggestion Based on Document Proximity; *TKDE Jan. 2016 82-97*
- Qi, Z.**, see Li, Y., *TKDE April 2016 873-887*
- Qian, J.**, see Zhang, Q., *TKDE April 2016 845-857*
- Qian, X.**, see Zhao, G., *TKDE Dec. 2016 3382-3394*
- Qian, Y.**, see Wang, Z., *TKDE Nov. 2016 2857-2870*
- Qin, B.**, see Tang, D., *TKDE Feb. 2016 496-509*

- Qin, H.**, see Huang, H., *TKDE Oct. 2016 2606-2620*
- Qin, L.**, see Zhang, S., *TKDE Dec. 2016 3203-3217*
- Qin, L.**, see Li, R., *TKDE March 2016 770-784*
- Qu, Q.**, Liu, S., Zhu, F., and Jensen, C.S., Efficient Online Summarization of Large-Scale Dynamic Networks; *TKDE Dec. 2016 3231-3245*

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- Radha, H.**, see Barjasteh, I., *TKDE June 2016 1462-1474*
- Ramamritham, K.**, see Han, S., *TKDE March 2016 756-769*
- Rawassizadeh, R.**, Momeni, E., Dobbins, C., Gharibshah, J., and Pazzani, M., Scalable Daily Human Behavioral Pattern Mining from Multivariate Temporal Data; *TKDE Nov. 2016 3098-3112*
- Ray, S.K.**, and Shaalan, K., A Review and Future Perspectives of Arabic Question Answering Systems; *TKDE Dec. 2016 3169-3190*
- Reddy, C.K.**, see Fard, M.J., *TKDE Dec. 2016 3126-3139*
- Reddy, C.K.**, see Dutta, J.K., *TKDE Feb. 2016 483-495*
- Ren, P.**, see Zhang, T., *TKDE May 2016 1231-1244*
- Ren, Y.**, see Xu, L., *TKDE July 2016 1779-1789*
- Ren, Z.**, see Liang, S., *TKDE Nov. 2016 2958-2973*
- Reviriego, P.**, see Mitzenmacher, M., *TKDE July 2016 1940-1943*
- Rezaei, M.**, and Franti, P., Set Matching Measures for External Cluster Validity; *TKDE Aug. 2016 2173-2186*
- Riedewald, M.**, see Qarabaqi, B., *TKDE Feb. 2016 342-355*
- Rochas, J.**, see Song, G., *TKDE Sept. 2016 2376-2392*
- Romero, O.**, see Jovanovic, P., *TKDE May 2016 1203-1216*
- Rospocher, M.**, see Corcoglioniti, F., *TKDE Dec. 2016 3261-3275*
- Ross, D.**, see Barjasteh, I., *TKDE June 2016 1462-1474*
- Russo, A.**, see Ma, J., *TKDE June 2016 1489-1502*

S

- Saha, S.**, see Zhang, Y., *TKDE Dec. 2016 3339-3352*
- Salehi, M.**, Leckie, C., Bezdek, J.C., Vaithianathan, T., and Zhang, X., Fast Memory Efficient Local Outlier Detection in Data Streams; *TKDE Dec. 2016 3246-3260*
- Sanchez-Monedero, J.**, see Gutierrez, P.A., *TKDE Jan. 2016 127-146*
- Sarkar, S.**, see De, A., *TKDE Aug. 2016 2057-2070*
- Sarrfzadeh, A.**, see Zhu, L., *TKDE Aug. 2016 2115-2127*
- Sattar, A.**, see Anselma, L., *TKDE Oct. 2016 2538-2551*
- Schouten, K.**, and Frasinca, F., Survey on Aspect-Level Sentiment Analysis; *TKDE March 2016 813-830*
- Seah, B.S.**, see Bhowmick, S.S., *TKDE March 2016 638-658*
- Seker, S.E.**, see Al-Khateeb, T., *TKDE Oct. 2016 2752-2764*
- Sekhvat, Y.A.**, and Parsons, J., SEDEX: Scalable Entity Preserving Data Exchange; *TKDE July 2016 1878-1890*
- Sellam, T.**, and Kersten, M., Cluster-Driven Navigation of the Query Space; *TKDE May 2016 1118-1131*
- Sellis, T.**, see Li, J., *TKDE July 2016 1820-1834*
- Sen, S.**, see Wong, F.M.F., *TKDE Aug. 2016 2158-2172*
- Shaalan, K.**, see Ray, S.K., *TKDE Dec. 2016 3169-3190*
- Shah, N.**, see Tian, F., *TKDE Oct. 2016 2651-2664*
- Shahabi, C.**, see Akdogan, A., *TKDE Sept. 2016 2334-2348*
- Shang, S.**, Chen, L., Wei, Z., Jensen, C.S., Wen, J., and Kalnis, P., Collective Travel Planning in Spatial Networks; *TKDE May 2016 1132-1146*
- Shang, S.**, see Liu, J., *TKDE Nov. 2016 2827-2841*
- Shang, Z.**, Liu, Y., Li, G., and Feng, J., K-Join: Knowledge-Aware Similarity Join; *TKDE Dec. 2016 3293-3308*
- She, J.**, Tong, Y., Chen, L., and Cao, C.C., Conflict-Aware Event-Participant Arrangement and Its Variant for Online Setting; *TKDE Sept. 2016 2281-2295*
- Shekhar, S.**, see Eftelioglu, E., *TKDE Dec. 2016 3367-3381*
- Shen, C.**, Yang, D., Huang, L., Lee, W., and Chen, M., Socio-Spatial Group Queries for Impromptu Activity Planning; *TKDE Jan. 2016 196-210*
- Shen, H.**, see Bai, L., *TKDE Nov. 2016 2871-2883*
- Shen, X.**, see Bu, J., *TKDE Sept. 2016 2363-2375*
- Sheng, Q.Z.**, see Wang, S., *TKDE Dec. 2016 3191-3202*
- Sheng, Q.Z.**, see Chen, L., *TKDE Sept. 2016 2423-2437*
- Sheng, V.S.**, see Zhang, J., *TKDE April 2016 1080-1085*
- Shi, J.**, Wu, D., and Mamoulis, N., Textually Relevant Spatial Skylines; *TKDE Jan. 2016 224-237*
- Shi, Y.**, see Li, H., *TKDE Sept. 2016 2349-2362*
- Shin, Y.**, see Hur, J., *TKDE Nov. 2016 3113-3125*

- Shou, L.**, see Peng, P., *TKDE April 2016 994-1006*
- Shuai, H.**, Yang, D., Yu, P.S., and Chen, M., A Comprehensive Study on Willingness Maximization for Social Activity Planning with Quality Guarantee; *TKDE Jan. 2016 2-16*
- Silva, Y.N.**, see Tang, M., *TKDE Feb. 2016 510-523*
- Simitsis, A.**, see Jovanovic, P., *TKDE May 2016 1203-1216*
- Simpson, M.**, Srinivasan, V., and Thomo, A., Clearing Contamination in Large Networks; *TKDE June 2016 1435-1448*
- Singh, A.K.**, see Singh, V., *TKDE March 2016 741-755*
- Singh, V.**, Zong, B., and Singh, A.K., Nearest Keyword Set Search in Multi-Dimensional Datasets; *TKDE March 2016 741-755*
- Sinn, M.**, see Fawzi, A., *TKDE June 2016 1589-1601*
- Small, M.**, see Mahmood, A., *TKDE March 2016 801-812*
- Soleimani, H.**, and Miller, D.J., ATD: Anomalous Topic Discovery in High Dimensional Discrete Data; *TKDE Sept. 2016 2267-2280*
- Sommer, P.**, see Liu, J., *TKDE Nov. 2016 2827-2841*
- Song, G.**, Rochas, J., Beze, L.E., Huet, F., and Magoules, F., K Nearest Neighbour Joins for Big Data on MapReduce: A Theoretical and Experimental Analysis; *TKDE Sept. 2016 2376-2392*
- Song, H.**, see Wu, Q., *TKDE Oct. 2016 2665-2680*
- Song, Q.**, see Wang, G., *TKDE Aug. 2016 1971-1985*
- Song, R.**, see Dou, Z., *TKDE Feb. 2016 385-397*
- Song, S.**, see Wang, J., *TKDE Nov. 2016 2943-2957*
- Sridharan, S.**, see Bialkowski, A., *TKDE Oct. 2016 2596-2605*
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- Srivastava, M.**, see Ouyang, R.W., *TKDE July 2016 1621-1634*
- Stantic, B.**, see Anselma, L., *TKDE Oct. 2016 2538-2551*
- Steege, G.V.**, see Zhu, L., *TKDE Oct. 2016 2765-2777*
- Strickert, M.**, see Leinweber, M., *TKDE June 2016 1423-1434*
- Su, L.**, see Li, Y., *TKDE Aug. 2016 1986-1999*
- Su, M.**, see Zhang, Y., *TKDE April 2016 1061-1074*
- Su, S.**, see Xu, S., *TKDE Nov. 2016 2910-2926*
- Such, J.M.**, and Criado, N., Resolving Multi-Party Privacy Conflicts in Social Media; *TKDE July 2016 1851-1863*
- Sukow, A.**, see Chen, C., *TKDE June 2016 1475-1488*
- Sun, J.**, see Long, M., *TKDE Aug. 2016 2027-2040*
- Sun, J.**, see Wang, J., *TKDE Nov. 2016 2943-2957*
- Sun, K.W.**, Lee, C.H., and Wang, J., Multilabel Classification via Co-Evolutionary Multilabel Hypernetwork; *TKDE Sept. 2016 2438-2451*
- Sun, Y.**, see Yuan, Y., *TKDE June 2016 1575-1588*
- Sun, Y.**, Tang, K., Minku, L.L., Wang, S., and Yao, X., Online Ensemble Learning of Data Streams with Gradually Evolved Classes; *TKDE June 2016 1532-1545*
- Symeonidis, P.**, see Kefalas, P., *TKDE March 2016 604-622*
- T**
- Tagliasacchi, M.**, see Ciceri, E., *TKDE Jan. 2016 41-53*
- Tahboub, R.Y.**, see Tang, M., *TKDE Feb. 2016 510-523*
- Tan, C.W.**, see Wong, F.M.F., *TKDE Aug. 2016 2158-2172*
- Tan, M.**, see Wu, Q., *TKDE Oct. 2016 2665-2680*
- Tan, T.**, see Wu, S., *TKDE Aug. 2016 2000-2012*
- Tanaka, K.**, see Zhang, Y., *TKDE Oct. 2016 2793-2807*
- Tang, B.**, He, H., Baggenstoss, P.M., and Kay, S., A Bayesian Classification Approach Using Class-Specific Features for Text Categorization; *TKDE June 2016 1602-1606*
- Tang, B.**, Yiu, M.L., and Hua, K.A., Exploit Every Bit: Effective Caching for High-Dimensional Nearest Neighbor Search; *TKDE May 2016 1175-1188*
- Tang, B.**, Kay, S., and He, H., Toward Optimal Feature Selection in Naive Bayes for Text Categorization; *TKDE Sept. 2016 2508-2521*
- Tang, D.**, Wei, F., Qin, B., Yang, N., Liu, T., and Zhou, M., Sentiment Embeddings with Applications to Sentiment Analysis; *TKDE Feb. 2016 496-509*
- Tang, J.**, see Wang, Z., *TKDE Feb. 2016 537-550*
- Tang, K.**, see Sun, Y., *TKDE June 2016 1532-1545*
- Tang, L.**, see Yu, L., *TKDE July 2016 1891-1904*
- Tang, M.**, Tahboub, R.Y., Aref, W.G., Atallah, M.J., Malluhi, Q.M., Ouzzani, M., and Silva, Y.N., Similarity Group-by Operators for Multi-Dimensional Relational Data; *TKDE Feb. 2016 510-523*
- Tang, Q.**, see Hong, Y., *TKDE June 2016 1503-1517*
- Tang, S.**, see Hong, Y., *TKDE June 2016 1503-1517*
- Tang, W.**, see Fang, Y., *TKDE March 2016 785-800*
- Tang, X.**, see Zhou, J., *TKDE May 2016 1340-1353*
- Tang, Y.Y.**, see Zhang, T., *TKDE May 2016 1231-1244*
- Tao, D.**, see Wang, M., *TKDE July 2016 1864-1877*
- Tao, Y.**, see Cruz, I.F., *TKDE Feb. 2016 295-296*
- Tari, Z.**, see Almalawi, A.M., *TKDE Jan. 2016 68-81*
- Tarlao, F.**, see Bartoli, A., *TKDE July 2016 1944*
- Tarlao, F.**, see Bartoli, A., *TKDE May 2016 1217-1230*
- Tefas, A.**, see Passalis, N., *TKDE July 2016 1664-1677*
- Tekli, J.**, An Overview on XML Semantic Disambiguation from Unstructured Text to Semi-Structured Data: Background, Applications, and Ongoing Challenges; *TKDE June 2016 1383-1407*
- Terenziani, P.**, Irregular Indeterminate Repeated Facts in Temporal Relational Databases; *TKDE April 2016 1075-1079*
- Terenziani, P.**, Nearly Periodic Facts in Temporal Relational Databases; *TKDE Oct. 2016 2822-2826*
- Terenziani, P.**, see Anselma, L., *TKDE Oct. 2016 2538-2551*
- Thomo, A.**, see Chen, C., *TKDE June 2016 1475-1488*
- Thomo, A.**, see Simpson, M., *TKDE June 2016 1435-1448*
- Tian, F.**, Lan, T., Chao, K., Godwin, N., Zheng, Q., Shah, N., and Zhang, F., Mining Suspicious Tax Evasion Groups in Big Data; *TKDE Oct. 2016 2651-2664*
- Tirthapura, S.**, see Chung, Y., *TKDE June 2016 1356-1368*
- Tong, H.**, see Chen, C., *TKDE Jan. 2016 113-126*
- Tong, Y.**, see She, J., *TKDE Sept. 2016 2281-2295*
- Toniolo, A.**, see Ouyang, R.W., *TKDE April 2016 1047-1060*
- Toniolo, A.**, see Ouyang, R.W., *TKDE July 2016 1621-1634*
- Trabelsi, Z.**, see Al-Khateeb, T., *TKDE Oct. 2016 2752-2764*
- Tseng, V.S.**, Wu, C., Fournier-Viger, P., and Yu, P.S., Efficient Algorithms for Mining Top-K High Utility Itemsets; *TKDE Jan. 2016 54-67*
- Tsourakakis, C.E.**, see Chen, C., *TKDE Jan. 2016 113-126*
- Tsytsarau, M.**, and Palpanas, T., Managing Diverse Sentiments at Large Scale; *TKDE Nov. 2016 3028-3040*
- Tung, K.**, see Fan, Y., *TKDE March 2016 592-603*
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- Vaithianathan, T.**, see Salehi, M., *TKDE Dec. 2016 3246-3260*
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- Verroios, V.**, see Garcia-Molina, H., *TKDE April 2016 901-911*
- Virtanen, K.**, see Laitila, P., *TKDE July 2016 1691-1705*
- Vullikanti, A.**, see Zhang, Y., *TKDE Dec. 2016 3339-3352*
- W**
- W. Wah, B.**, In Memoriam: Chittoor V. Ramamoorthy, PhD 1926-2016; *TKDE June 2016 1354-1355*
- Wan, X.**, see Zhou, X., *TKDE July 2016 1650-1663*
- Wang, B.**, and Pineau, J., Online Bagging and Boosting for Imbalanced Data Streams; *TKDE Dec. 2016 3353-3366*
- Wang, C.**, Lai, J., and Yu, P.S., Multi-View Clustering Based on Belief Propagation; *TKDE April 2016 1007-1021*
- Wang, C.**, see Zhang, J., *TKDE Dec. 2016 3276-3292*
- Wang, C.**, see Zhang, J., *TKDE Dec. 2016 3276-3292*
- Wang, C.**, see Huang, D., *TKDE May 2016 1312-1326*
- Wang, C.**, see Chen, J., *TKDE Nov. 2016 3083-3097*
- Wang, G.**, see Yuan, Y., *TKDE June 2016 1575-1588*
- Wang, G.**, see Lian, X., *TKDE June 2016 1560-1574*
- Wang, G.**, and Song, Q., Automatic Clustering via Outward Statistical Testing on Density Metrics; *TKDE Aug. 2016 1971-1985*
- Wang, G.**, see Bai, M., *TKDE Aug. 2016 2041-2056*
- Wang, H.**, and Yeung, D., Towards Bayesian Deep Learning: A Framework and Some Existing Methods; *TKDE Dec. 2016 3395-3408*
- Wang, H.**, see Ma, S., *TKDE July 2016 1835-1850*
- Wang, H.**, see Zhu, J., *TKDE July 2016 1790-1804*
- Wang, H.**, see Yin, H., *TKDE Oct. 2016 2566-2581*
- Wang, H.**, see Yu, Z., *TKDE Feb. 2016 566-579*
- Wang, J.**, see Zhang, J., *TKDE Dec. 2016 3276-3292*
- Wang, J.**, see Long, M., *TKDE Aug. 2016 2027-2040*
- Wang, J.**, see Han, S., *TKDE March 2016 756-769*
- Wang, J.**, Song, S., Zhu, X., Lin, X., and Sun, J., Efficient Recovery of Missing Events; *TKDE Nov. 2016 2943-2957*
- Wang, J.**, see Chen, J., *TKDE Nov. 2016 3083-3097*
- Wang, J.**, see Zhang, W., *TKDE Nov. 2016 3013-3027*
- Wang, J.**, see Sun, K.W., *TKDE Sept. 2016 2438-2451*

- Wang, J.**, see Li, G., *TKDE Sept. 2016* 2296-2319
- Wang, K.**, see Zhu, J., *TKDE July 2016* 1790-1804
- Wang, K.**, see Liu, J., *TKDE May 2016* 1245-1257
- Wang, K.**, see Xie, W., *TKDE Aug. 2016* 2216-2229
- Wang, L.**, see Wu, S., *TKDE Aug. 2016* 2000-2012
- Wang, M.**, Fu, W., Hao, S., Tao, D., and Wu, X., Scalable Semi-Supervised Learning by Efficient Anchor Graph Regularization; *TKDE July 2016* 1864-1877
- Wang, M.**, see Yu, Z., *TKDE Feb. 2016* 566-579
- Wang, M.**, Li, H., Cui, J., Deng, K., Bhowmick, S.S., and Dong, Z., PINOCHIO: Probabilistic Influence-Based Location Selection over Moving Objects; *TKDE Nov. 2016* 3068-3082
- Wang, P.**, see Fard, M.J., *TKDE Dec. 2016* 3126-3139
- Wang, P.**, He, W., and Liu, X., Efficiently Estimating Statistics of Points of Interests on Maps; *TKDE Feb. 2016* 425-438
- Wang, Q.**, Cui, M., and Liang, H., Semantic-Aware Blocking for Entity Resolution; *TKDE Jan. 2016* 166-180
- Wang, S.**, see Zhang, Y., *TKDE April 2016* 1061-1074
- Wang, S.**, Chang, X., Li, X., Long, G., Yao, L., and Sheng, Q.Z., Diagnosis Code Assignment Using Sparsity-Based Disease Correlation Embedding; *TKDE Dec. 2016* 3191-3202
- Wang, S.**, see Sun, Y., *TKDE June 2016* 1532-1545
- Wang, S.**, see Zhou, N., *TKDE Aug. 2016* 1945-1958
- Wang, W.**, see Zhou, J., *TKDE May 2016* 1340-1353
- Wang, X.**, Zhang, Y., Zhang, W., and Lin, X., Efficient Identification of Local Keyword Patterns in Microblogging Platforms; *TKDE Oct. 2016* 2621-2634
- Wang, X.**, see Fan, W., *TKDE Feb. 2016* 326-341
- Wang, Y.**, see Zhang, Q., *TKDE April 2016* 845-857
- Wang, Y.**, Liu, J., Huang, Y., and Feng, X., Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Microblogs; *TKDE July 2016* 1919-1933
- Wang, Y.**, see Lu, Y., *TKDE Oct. 2016* 2582-2595
- Wang, Y.**, see Xue, X., *TKDE Feb. 2016* 580-591
- Wang, Z.**, see Zhang, L., *TKDE April 2016* 858-872
- Wang, Z.**, Zhou, Y., Tang, J., and Luo, J., The Prediction of Venture Capital Co-Investment Based on Structural Balance Theory; *TKDE Feb. 2016* 537-550
- Wang, Z.**, Liang, J., Li, R., and Qian, Y., An Approach to Cold-Start Link Prediction: Establishing Connections between Non-Topological and Topological Information; *TKDE Nov. 2016* 2857-2870
- Wei, F.**, see Tang, D., *TKDE Feb. 2016* 496-509
- Wei, H.**, see Lu, C., *TKDE Aug. 2016* 2086-2100
- Wei, J.**, see Yan, H., *TKDE April 2016* 912-924
- Wei, W.**, Cong, G., Miao, C., Zhu, F., and Li, G., Learning to Find Topic Experts in Twitter via Different Relations; *TKDE July 2016* 1764-1778
- Wei, X.**, Lucey, P., Morgan, S., and Sridharan, S., Forecasting the Next Shot Location in Tennis Using Fine-Grained Spatiotemporal Tracking Data; *TKDE Nov. 2016* 2988-2997
- Wei, Z.**, see Shang, S., *TKDE May 2016* 1132-1146
- Wen, J.**, see Shang, S., *TKDE May 2016* 1132-1146
- Wen, J.**, see Zhao, W.X., *TKDE May 2016* 1147-1159
- Wen, J.**, see Zhou, N., *TKDE Aug. 2016* 1945-1958
- Wen, J.**, see Dou, Z., *TKDE Feb. 2016* 385-397
- Weng, L.**, Amsaleg, L., and Furon, T., Privacy-Preserving Outsourced Media Search; *TKDE Oct. 2016* 2738-2751
- Whang, J.J.**, Gleich, D.F., and Dhillon, I.S., Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion; *TKDE May 2016* 1272-1284
- Wong, F.M.F.**, Tan, C.W., Sen, S., and Chiang, M., Quantifying Political Learning from Tweets, Retweets, and Retweeters; *TKDE Aug. 2016* 2158-2172
- Wong, H.**, see Yu, Z., *TKDE March 2016* 701-714
- Wong, W.**, see Yao, C., *TKDE Oct. 2016* 2635-2650
- Woodruff, D.P.**, see Chung, Y., *TKDE June 2016* 1356-1368
- Wu, B.**, Yi, K., and Li, Z., Counting Triangles in Large Graphs by Random Sampling; *TKDE Aug. 2016* 2013-2026
- Wu, C.**, see Tseng, V.S., *TKDE Jan. 2016* 54-67
- Wu, C.**, Ku, C., Ho, J., and Chen, M., A Novel Pipeline Approach for Efficient Big Data Broadcasting; *TKDE Jan. 2016* 17-28
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- Wu, P.**, Hoi, S.C.H., Zhao, P., Miao, C., and Liu, Z., Online Multi-Modal Distance Metric Learning with Application to Image Retrieval; *TKDE Feb. 2016* 454-467
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- Wylot, M.**, and Cudre-Mauroux, P., DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud; *TKDE March 2016* 659-674

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- Online Multi-Modal Distance Metric Learning with Application to Image Retrieval. *Wu, P.*, +, *TKDE Feb. 2016 454-467*
- Ring-Shaped Hotspot Detection. *Eftelioglu, E.*, +, *TKDE Dec. 2016 3367-3381*
- Robust Median Reversion Strategy for Online Portfolio Selection. *Huang, D.*, +, *TKDE Sept. 2016 2480-2493*
- Top k Favorite Probabilistic Products Queries. *Zhou, X.*, +, *TKDE Oct. 2016 2808-2821*
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- Learning Mixtures of Markov Chains from Aggregate Data with Structural Constraints. *Luo, D.*, +, *TKDE June 2016 1518-1531*
- TopicSketch: Real-Time Bursty Topic Detection from Twitter. *Xie, W.*, +, *TKDE Aug. 2016 2216-2229*
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- Conflict-Aware Event-Participant Arrangement and Its Variant for Online Setting. *She, J.*, +, *TKDE Sept. 2016 2281-2295*
- Discovering the k Representative Skyline Over a Sliding Window. *Bai, M.*, +, *TKDE Aug. 2016 2041-2056*
- Efficient Distributed Density Peaks for Clustering Large Data Sets in Map-Reduce. *Zhang, Y.*, +, *TKDE Dec. 2016 3218-3230*
- Online Bagging and Boosting for Imbalanced Data Streams. *Wang, B.*, +, *TKDE Dec. 2016 3353-3366*
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- The Moving K Diversified Nearest Neighbor Query. *Gu, Y.*, +, *TKDE Oct. 2016 2778-2792*
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- Answering Pattern Queries Using Views. *Fan, W.*, +, *TKDE Feb. 2016 326-341*
- Collective Travel Planning in Spatial Networks. *Shang, S.*, +, *TKDE May 2016 1132-1146*
- Exploit Every Bit: Effective Caching for High-Dimensional Nearest Neighbor Search. *Tang, B.*, +, *TKDE May 2016 1175-1188*
- Top- k Preferences in High Dimensions. *Yu, A.*, +, *TKDE Feb. 2016 311-325*
- Approximation theory**
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- Conflict-Aware Weighted Bipartite B-Matching and Its Application to E-Commerce. *Chen, C.*, +, *TKDE June 2016 1475-1488*
- K-Subspaces Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C.*, +, *TKDE July 2016 1722-1733*
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- Atmospheric measurements**
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- Bandwidth**
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- Effective and Efficient: Large-Scale Dynamic City Express. *Zhang, S.*, +, *TKDE Dec. 2016 3203-3217*
- Batch processing (computers)**
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- Bayesian Multi-Task Relationship Learning with Link Structure. *Li, Y.*, +, *TKDE April 2016 873-887*
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- Improving Construction of Conditional Probability Tables for Ranked Nodes in Bayesian Networks. *Laitila, P.*, +, *TKDE July 2016 1691-1705*
- Toward Optimal Feature Selection in Naive Bayes for Text Categorization. *Tang, B.*, +, *TKDE Sept. 2016 2508-2521*
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- Adapting to User Interest Drift for POI Recommendation. *Yin, H.*, +, *TKDE Oct. 2016 2566-2581*
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- A Bayesian Classification Approach Using Class-Specific Features for Text Categorization. *Tang, B.*, +, *TKDE June 2016 1602-1606*
- A Bayesian Perspective on Early Stage Event Prediction in Longitudinal Data. *Fard, M.J.*, +, *TKDE Dec. 2016 3126-3139*
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- Adaptive Replication Management in HDFS Based on Supervised Learning. *Bui, D.*, +, *TKDE June 2016 1369-1382*
- Conflicts to Harmony: A Framework for Resolving Conflicts in Heterogeneous Data by Truth Discovery. *Li, Y.*, +, *TKDE Aug. 2016 1986-1999*
- DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud. *Wylot, M.*, +, *TKDE March 2016 659-674*
- Fast Online EM for Big Topic Modeling. *Zeng, J.*, +, *TKDE March 2016 675-688*
- Incremental Query Processing on Big Data Streams. *Fegaras, L.*, *TKDE Nov. 2016 2998-3012*
- Mining Suspicious Tax Evasion Groups in Big Data. *Tian, F.*, +, *TKDE Oct. 2016 2651-2664*
- On the Feasibility of Distributed Kernel Regression for Big Data. *Xu, C.*, +, *TKDE Nov. 2016 3041-3052*
- Scalable Algorithms for Nearest-Neighbor Joins on Big Trajectory Data. *Fang, Y.*, +, *TKDE March 2016 785-800*
- The Gamma Matrix to Summarize Dense and Sparse Data Sets for Big Data Analytics. *Ordóñez, C.*, +, *TKDE July 2016 1905-1918*
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- A Bayesian Classification Approach Using Class-Specific Features for Text Categorization. *Tang, B.*, +, *TKDE June 2016 1602-1606*

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Bagging

- Online Bagging and Boosting for Imbalanced Data Streams. *Wang, B.*, +, *TKDE Dec. 2016 3353-3366*

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Buildings

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KISS: Knowing Camera Prototype System for Recognizing and Annotating Places-of-Interest. *Peng, P.*, +, *TKDE April 2016 994-1006*

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Chemicals

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Classification

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Client-server systems

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CavSimBase: A Database for Large Scale Comparison of Protein Binding Sites. *Leinweber, M.*, +, *TKDE June 2016 1423-1434*

DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud. *Wylot, M.*, +, *TKDE March 2016 659-674*

Distributed In-Memory Processing of All *k* Nearest Neighbor Queries. *Chatzimilioudis, G.*, +, *TKDE April 2016 925-938*

Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System. *Hong, Y.*, +, *TKDE June 2016 1503-1517*

Scalable Algorithms for Nearest-Neighbor Joins on Big Trajectory Data. *Fang, Y.*, +, *TKDE March 2016 785-800*

Secure Data Deduplication with Dynamic Ownership Management in Cloud Storage. *Hur, J.*, +, *TKDE Nov. 2016 3113-3125*

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Efficient Distributed Density Peaks for Clustering Large Data Sets in MapReduce. *Zhang, Y.*, +, *TKDE Dec. 2016 3218-3230*

Improving Collaborative Recommendation via User-Item Subgroups. *Bu, J.*, +, *TKDE Sept. 2016 2363-2375*

K-Join: Knowledge-Aware Similarity Join. *Shang, Z.*, +, *TKDE Dec. 2016 3293-3308*

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Similarity Group-by Operators for Multi-Dimensional Relational Data. *Tang, M.*, +, *TKDE Feb. 2016 510-523*

Visual Assessment of Clustering Tendency for Incomplete Data. *Park, L.A.F.*, +, *TKDE Dec. 2016 3409-3422*

Clustering methods

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Collaboration

Cold-Start Recommendation with Provable Guarantees: A Decoupled Approach. *Barjasteh, I.*, +, *TKDE June 2016 1462-1474*

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Inferring Directions of Undirected Social Ties. *Zhang, J.*, +, *TKDE Dec. 2016 3276-3292*

Service Quality Evaluation by Exploring Social Users' Contextual Information. *Zhao, G.*, +, *TKDE Dec. 2016 3382-3394*

Collaborative filtering

Domain-Sensitive Recommendation with User-Item Subgroup Analysis. *Liu, J.*, +, *TKDE April 2016 939-950*

Communication complexity

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Complex networks

A Game Theory Inspired Approach to Stable Core Decomposition on Weighted Networks. *Basu, S.*, +, *TKDE May 2016 1105-1117*

Exploring Hierarchies in Online Social Networks. *Lu, C.*, +, *TKDE Aug. 2016 2086-2100*

Subspace Based Network Community Detection Using Sparse Linear Coding. *Mahmood, A.*, +, *TKDE March 2016 801-812*

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k Nearest Neighbour Joins for Big Data on MapReduce: A Theoretical and Experimental Analysis. *Song, G.*, +, *TKDE Sept. 2016 2376-2392*

Top-*k* Spatio-Textual Similarity Join. *Hu, H.*, +, *TKDE Feb. 2016 551-565*

Computational complexity

A Novel Framework for Online Amnesic Trajectory Compression in Resource-Constrained Environments. *Liu, J.*, +, *TKDE Nov. 2016 2827-2841*

A Novel Pipeline Approach for Efficient Big Data Broadcasting. *Wu, C.*, +, *TKDE Jan. 2016 17-28*

Conflict-Aware Weighted Bipartite B-Matching and Its Application to E-Commerce. *Chen, C.*, +, *TKDE June 2016 1475-1488*

Counting Triangles in Large Graphs by Random Sampling. *Wu, B.*, +, *TKDE Aug. 2016 2013-2026*

Diverse Power Iteration Embeddings: Theory and Practice. *Huang, H.*, +, *TKDE Oct. 2016 2606-2620*

Efficient Algorithms for Temporal Path Computation. *Wu, H.*, +, *TKDE Nov. 2016 2927-2942*

Efficient Recovery of Missing Events. *Wang, J.*, +, *TKDE Nov. 2016 2943-2957*

Fast and Accurate Mining the Community Structure: Integrating Center Locating and Membership Optimization. *Li, H.*, +, *TKDE Sept. 2016 2349-2362*

Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. *Yu, Z.*, +, *TKDE March 2016 701-714*

Learning Proximity Relations for Feature Selection. *Zhang, T.*, +, *TKDE May 2016 1231-1244*

Multi-View Clustering Based on Belief Propagation. *Wang, C.*, +, *TKDE April 2016 1007-1021*

Multilabel Classification via Co-Evolutionary Multilabel Hypernetwork. *Sun, K.W.*, +, *TKDE Sept. 2016 2438-2451*

Optimal Multi-Meeting-Point Route Search. *Li, R.*, +, *TKDE March 2016 770-784*

Socio-Spatial Group Queries for Impromptu Activity Planning. *Shen, C.*, +, *TKDE Jan. 2016 196-210*

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- An Overview on XML Semantic Disambiguation from Unstructured Text to Semi-Structured Data: Background, Applications, and Ongoing Challenges. *Tekli, J.*, +, *TKDE June 2016 1383-1407*
- Automatically Mining Facets for Queries from Their Search Results. *Dou, Z.*, +, *TKDE Feb. 2016 385-397*
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- Correlation**
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Data aggregation

Distributed Anomaly Detection Using Minimum Volume Elliptical Principal Component Analysis. *O'Reilly, C.*, +, *TKDE Sept. 2016 2320-2333*

Managing Diverse Sentiments at Large Scale. *Tsytzarau, M.*, +, *TKDE Nov. 2016 3028-3040*

ML-Forest: A Multi-Label Tree Ensemble Method for Multi-Label Classification. *Wu, Q.*, +, *TKDE Oct. 2016 2665-2680*

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Crowdsourced Data Management: A Survey. *Li, G.*, +, *TKDE Sept. 2016 2296-2319*

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Incremental Query Processing on Big Data Streams. *Fegaras, L.*, *TKDE Nov. 2016 2998-3012*

Interactive Visualization of Large Data Sets. *Godfrey, P.*, +, *TKDE Aug. 2016 2142-2157*

On the Feasibility of Distributed Kernel Regression for Big Data. *Xu, C.*, +, *TKDE Nov. 2016 3041-3052*

Pattern Similarity Search in Genomic Sequences. *Montanari, P.*, +, *TKDE Nov. 2016 3053-3067*

Scalable Daily Human Behavioral Pattern Mining from Multivariate Temporal Data. *Rawassizadeh, R.*, +, *TKDE Nov. 2016 3098-3112*

Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms. *Jiang, M.*, +, *TKDE Aug. 2016 2187-2200*

Temporal Skeletonization on Sequential Data: Patterns, Categorization, and Visualization. *Liu, C.*, +, *TKDE Jan. 2016 211-223*

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A Novel Framework for Online Amnesic Trajectory Compression in Resource-Constrained Environments. *Liu, J.*, +, *TKDE Nov. 2016 2827-2841*

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Data handling

A Framework for Enabling User Preference Profiling through Wi-Fi Logs. *Fan, Y.*, +, *TKDE March 2016 592-603*

Competitive Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C.*, +, *TKDE Nov. 2016 2884-2894*

- Incremental Evolving Domain Adaptation. *Bitarafan, A.*, +, *TKDE Aug. 2016 2128-2141*
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- A Generalized Hierarchical Multi-Latent Space Model for Heterogeneous Learning. *Yang, P.*, +, *TKDE Dec. 2016 3154-3168*
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- Aspect-Level Influence Discovery from Graphs. *Hu, C.*, +, *TKDE July 2016 1635-1649*
- Automatic Clustering via Outward Statistical Testing on Density Metrics. *Wang, G.*, +, *TKDE Aug. 2016 1971-1985*
- Automatically Mining Facets for Queries from Their Search Results. *Dou, Z.*, +, *TKDE Feb. 2016 385-397*
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- CMiner: Opinion Extraction and Summarization for Chinese Microblogs. *Zhou, X.*, +, *TKDE July 2016 1650-1663*
- Correction to “Inference of Regular Expressions for Text Extraction from Examples”. *Bartoli, A.*, +, *TKDE July 2016 1944*
- CRATS: An LDA-Based Model for Jointly Mining Latent Communities, Regions, Activities, Topics, and Sentiments from Geosocial Network Data. *Zhang, J.*, +, *TKDE Nov. 2016 2895-2909*
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- Human computer interaction**
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- I**
- IEEE publishing**
2015 Reviewers List*. *TKDE April 2016 1086-1092*
- Image classification**
ML-FOREST: A Multi-Label Tree Ensemble Method for Multi-Label Classification. *Wu, Q.*, +, *TKDE Oct. 2016 2665-2680*

Image color analysis

Merlin: Exploratory Analysis with Imprecise Queries. *Qarabaqi, B.*, +, *TKDE Feb. 2016 342-355*

Image recognition

KISS: Knowing Camera Prototype System for Recognizing and Annotating Places-of-Interest. *Peng, P.*, +, *TKDE April 2016 994-1006*

Image reconstruction

RODS: Rarity based Outlier Detection in a Sparse Coding Framework. *Dutta, J.K.*, +, *TKDE Feb. 2016 483-495*

Image retrieval

A Scalable Approach for Content-Based Image Retrieval in Peer-to-Peer Networks. *Zhang, L.*, +, *TKDE April 2016 858-872*

Entropy Optimized Feature-Based Bag-of-Words Representation for Information Retrieval. *Passalis, N.*, +, *TKDE July 2016 1664-1677*

Online Multi-Modal Distance Metric Learning with Application to Image Retrieval. *Wu, P.*, +, *TKDE Feb. 2016 454-467*

Immune system

Near-Optimal Algorithms for Controlling Propagation at Group Scale on Networks. *Zhang, Y.*, +, *TKDE Dec. 2016 3339-3352*

Indexes

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Discovering the k Representative Skyline Over a Sliding Window. *Bai, M.*, +, *TKDE Aug. 2016 2041-2056*

Efficient Identification of Local Keyword Patterns in Microblogging Platforms. *Wang, X.*, +, *TKDE Oct. 2016 2621-2634*

Enabling Scalable Geographic Service Sharing with Weighted Imprecise Voronoi Cells. *Xie, X.*, +, *TKDE Feb. 2016 439-453*

Exploit Every Bit: Effective Caching for High-Dimensional Nearest Neighbor Search. *Tang, B.*, +, *TKDE May 2016 1175-1188*

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Probabilistic Static Load-Balancing of Parallel Mining of Frequent Sequences. *Kessl, R.*, *TKDE May 2016 1299-1311*

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Top-Down XML Keyword Query Processing. *Zhou, J.*, +, *TKDE May 2016 1340-1353*

Indexing

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Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System. *Hong, Y.*, +, *TKDE June 2016 1503-1517*

Efficient Recovery of Missing Events. *Wang, J.*, +, *TKDE Nov. 2016 2943-2957*

Managing Diverse Sentiments at Large Scale. *Tsytarau, M.*, +, *TKDE Nov. 2016 3028-3040*

RSkNN: k NN Search on Road Networks by Incorporating Social Influence. *Yuan, Y.*, +, *TKDE June 2016 1575-1588*

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Top- k Preferences in High Dimensions. *Yu, A.*, +, *TKDE Feb. 2016 311-325*

Venus: Scalable Real-Time Spatial Queries on Microblogs with Adaptive Load Shedding. *Magdy, A.*, +, *TKDE Feb. 2016 356-370*

Inference mechanisms

Adapting to User Interest Drift for POI Recommendation. *Yin, H.*, +, *TKDE Oct. 2016 2566-2581*

Aggregating Crowdsourced Quantitative Claims: Additive and Multiplicative Models. *Ouyang, R.W.*, +, *TKDE July 2016 1621-1634*

Multi-Class Ground Truth Inference in Crowdsourcing with Clustering. *Zhang, J.*, +, *TKDE April 2016 1080-1085*

Quantifying Political Leaning from Tweets, Retweets, and Retweeters. *Wong, F.M.F.*, +, *TKDE Aug. 2016 2158-2172*

Scalable Temporal Latent Space Inference for Link Prediction in Dynamic Social Networks. *Zhu, L.*, +, *TKDE Oct. 2016 2765-2777*

Truth Discovery in Crowdsourced Detection of Spatial Events. *Ouyang, R.W.*, +, *TKDE April 2016 1047-1060*

Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-occurrence in Microblogs. *Wang, Y.*, +, *TKDE July 2016 1919-1933*

Information dissemination

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Information entropy

Service Quality Evaluation by Exploring Social Users' Contextual Information. *Zhao, G.*, +, *TKDE Dec. 2016 3382-3394*

Information filtering

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A Review and Future Perspectives of Arabic Question Answering Systems. *Ray, S.K.*, +, *TKDE Dec. 2016 3169-3190*

CRATS: An LDA-Based Model for Jointly Mining Latent Communities, Regions, Activities, Topics, and Sentiments from Geosocial Network Data. *Zhang, J.*, +, *TKDE Nov. 2016 2895-2909*

K-Subspaces Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C.*, +, *TKDE July 2016 1722-1733*

MAVE: Multilevel wrApper Verification systEm. *de Viana, I.F.*, +, *TKDE Sept. 2016 2393-2406*

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Internet

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Capturing the Semantics of Key Phrases Using Multiple Languages for Question Retrieval. *Zhang, W.*, +, *TKDE April 2016 888-900*

Managing Diverse Sentiments at Large Scale. *Tsytarau, M.*, +, *TKDE Nov. 2016 3028-3040*

Mining User-Aware Rare Sequential Topic Patterns in Document Streams. *Zhu, J.*, +, *TKDE July 2016 1790-1804*

Investments

Robust Median Reversion Strategy for Online Portfolio Selection. *Huang, D.*, +, *TKDE Sept. 2016 2480-2493*

Stock Selection with a Novel Sigmoid-Based Mixed Discrete-Continuous Differential Evolution Algorithm. *Yu, L.*, +, *TKDE July 2016 1891-1904*

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Iterative methods

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Diverse Power Iteration Embeddings: Theory and Practice. *Huang, H.*, +, *TKDE Oct. 2016 2606-2620*

Fast Top-K Path-Based Relevance Query on Massive Graphs. *Khemmarat, S.*, +, *TKDE May 2016 1189-1202*

Mining Health Examination Records—A Graph-Based Approach. *Chen, L.*, +, *TKDE Sept. 2016 2423-2437*

The Gamma Matrix to Summarize Dense and Sparse Data Sets for Big Data Analytics. *Ordóñez, C.*, +, *TKDE July 2016 1905-1918*

User Preference Learning for Online Social Recommendation. *Zhao, Z.*, +, *TKDE Sept. 2016 2522-2534*

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- Clustering Data Streams Based on Shared Density between Micro-Clusters. *Hahsler, M.*, +, *TKDE June 2016 1449-1461*
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 Task Assignment on Multi-Skill Oriented Spatial Crowdsourcing. *Cheng, P.*, +, *TKDE Aug. 2016 2201-2215*
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 Efficient Online Summarization of Large-Scale Dynamic Networks. *Qu, Q.*, +, *TKDE Dec. 2016 3231-3245*
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Learning (artificial intelligence)

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 Adaptive Replication Management in HDFS Based on Supervised Learning. *Bui, D.*, +, *TKDE June 2016 1369-1382*
 AIDE: An Active Learning-Based Approach for Interactive Data Exploration. *Dimitriadou, K.*, +, *TKDE Nov. 2016 2842-2856*
 Aspect-Level Influence Discovery from Graphs. *Hu, C.*, +, *TKDE July 2016 1635-1649*
 Bayesian Multi-Task Relationship Learning with Link Structure. *Li, Y.*, +, *TKDE April 2016 873-887*
 Deep Learning of Transferable Representation for Scalable Domain Adaptation. *Long, M.*, +, *TKDE Aug. 2016 2027-2040*
 Discriminative Link Prediction using Local, Community, and Global Signals. *De, A.*, +, *TKDE Aug. 2016 2057-2070*
 Distributed Anomaly Detection Using Minimum Volume Elliptical Principal Component Analysis. *O'Reilly, C.*, +, *TKDE Sept. 2016 2320-2333*
 Diverse Power Iteration Embeddings: Theory and Practice. *Huang, H.*, +, *TKDE Oct. 2016 2606-2620*
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 Entropy Optimized Feature-Based Bag-of-Words Representation for Information Retrieval. *Passalis, N.*, +, *TKDE July 2016 1664-1677*
 Incremental and Decremental Max-Flow for Online Semi-Supervised Learning. *Zhu, L.*, +, *TKDE Aug. 2016 2115-2127*
 Incremental Evolving Domain Adaptation. *Bitarafan, A.*, +, *TKDE Aug. 2016 2128-2141*
 Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. *Yu, Z.*, +, *TKDE March 2016 701-714*
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 Learning Proximity Relations for Feature Selection. *Zhang, T.*, +, *TKDE May 2016 1231-1244*
 Learning to Find Topic Experts in Twitter via Different Relations. *Wei, W.*, +, *TKDE July 2016 1764-1778*
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- Microblogging Content Propagation Modeling Using Topic-Specific Behavioral Factors. *Hoang, T.*, +, *TKDE Sept. 2016 2407-2422*
 Mining Health Examination Records—A Graph-Based Approach. *Chen, L.*, +, *TKDE Sept. 2016 2423-2437*
 Multilabel Classification via Co-Evolutionary Multilabel Hypernetwork. *Sun, K.W.*, +, *TKDE Sept. 2016 2438-2451*
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 Online Ensemble Learning of Data Streams with Gradually Evolved Classes. *Sun, Y.*, +, *TKDE June 2016 1532-1545*
 Ordinal Regression Methods: Survey and Experimental Study. *Gutierrez, P.A.*, +, *TKDE Jan. 2016 127-146*
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 Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Microblogs. *Wang, Y.*, +, *TKDE July 2016 1919-1933*

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Libraries

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- Clearing Contamination in Large Networks. *Simpson, M.*, +, *TKDE June 2016 1435-1448*

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- Cross-Domain Sentiment Classification Using Sentiment Sensitive Embeddings. *Bollegala, D.*, +, *TKDE Feb. 2016 398-410*
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Robust Median Reversion Strategy for Online Portfolio Selection. *Huang, D., +, TKDE Sept. 2016 2480-2493*
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Distributed Anomaly Detection Using Minimum Volume Elliptical Principal Component Analysis. *O'Reilly, C., +, TKDE Sept. 2016 2320-2333*
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Matrix decomposition

A Generalized Hierarchical Multi-Latent Space Model for Heterogeneous Learning. *Yang, P., +, TKDE Dec. 2016 3154-3168*
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Connecting Social Media to E-Commerce: Cold-Start Product Recommendation Using Microblogging Information. *Zhao, W.X., +, TKDE May 2016 1147-1159*
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Location Aware Keyword Query Suggestion Based on Document Proximity. *Qi, S., +, TKDE Jan. 2016 82-97*
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Scalable Daily Human Behavioral Pattern Mining from Multivariate Temporal Data. *Rawassizadeh, R., +, TKDE Nov. 2016 3098-3112*
Socio-Spatial Group Queries for Impromptu Activity Planning. *Shen, C., +, TKDE Jan. 2016 196-210*
Truth Discovery in Crowdsourced Detection of Spatial Events. *Ouyang, R. W., +, TKDE April 2016 1047-1060*

Mobile handsets

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Motion pictures

An Overview on XML Semantic Disambiguation from Unstructured Text to Semi-Structured Data: Background, Applications, and Ongoing Challenges. *Tekli, J., TKDE June 2016 1383-1407*

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- Improving Collaborative Recommendation via User-Item Subgroups. *Bu, J.*, +, *TKDE Sept. 2016 2363-2375*
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- A Computer-Assistance Learning System for Emotional Wording. *Chen, W.*, +, *TKDE May 2016 1093-1104*
- A Review and Future Perspectives of Arabic Question Answering Systems. *Ray, S.K.*, +, *TKDE Dec. 2016 3169-3190*
- Capturing the Semantics of Key Phrases Using Multiple Languages for Question Retrieval. *Zhang, W.*, +, *TKDE April 2016 888-900*
- Frame-Based Ontology Population with PIKES. *Corcoglioniti, F.*, +, *TKDE Dec. 2016 3261-3275*
- TaxoFinder: A Graph-Based Approach for Taxonomy Learning. *Kang, Y.*, +, *TKDE Feb. 2016 524-536*

Nearest neighbor searches

- The Moving K Diversified Nearest Neighbor Query. *Gu, Y.*, +, *TKDE Oct. 2016 2778-2792*

Network theory (graphs)

- A Game Theory Inspired Approach to Stable Core Decomposition on Weighted Networks. *Basu, S.*, +, *TKDE May 2016 1105-1117*
- Clustering and Summarizing Protein-Protein Interaction Networks: A Survey. *Bhowmick, S.S.*, +, *TKDE March 2016 638-658*
- Fast and Accurate Mining the Community Structure: Integrating Center Locating and Membership Optimization. *Li, H.*, +, *TKDE Sept. 2016 2349-2362*
- GenPerm: A Unified Method for Detecting Non-Overlapping and Overlapping Communities. *Chakraborty, T.*, +, *TKDE Aug. 2016 2101-2114*
- Mining Suspicious Tax Evasion Groups in Big Data. *Tian, F.*, +, *TKDE Oct. 2016 2651-2664*
- Multilabel Classification via Co-Evolutionary Multilabel Hypernetwork. *Sun, K.W.*, +, *TKDE Sept. 2016 2438-2451*
- Mutually Beneficial Confluent Routing. *Zhang, X.*, +, *TKDE Oct. 2016 2681-2696*
- Node Immunization on Large Graphs: Theory and Algorithms. *Chen, C.*, +, *TKDE Jan. 2016 113-126*
- Scalable Temporal Latent Space Inference for Link Prediction in Dynamic Social Networks. *Zhu, L.*, +, *TKDE Oct. 2016 2765-2777*
- Subspace Based Network Community Detection Using Sparse Linear Coding. *Mahmood, A.*, +, *TKDE March 2016 801-812*

Network topology

- Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System. *Hong, Y.*, +, *TKDE June 2016 1503-1517*
- Inferring Directions of Undirected Social Ties. *Zhang, J.*, +, *TKDE Dec. 2016 3276-3292*

Neural networks

- Deep Learning of Transferable Representation for Scalable Domain Adaptation. *Long, M.*, +, *TKDE Aug. 2016 2027-2040*
- Sentiment Embeddings with Applications to Sentiment Analysis. *Tang, D.*, +, *TKDE Feb. 2016 496-509*
- Towards Bayesian Deep Learning: A Framework and Some Existing Methods. *Wang, H.*, +, *TKDE Dec. 2016 3395-3408*
- Understanding Short Texts through Semantic Enrichment and Hashing. *Yu, Z.*, +, *TKDE Feb. 2016 566-579*

Noise measurement

- KISS: Knowing Camera Prototype System for Recognizing and Annotating Places-of-Interest. *Peng, P.*, +, *TKDE April 2016 994-1006*

Nonlinear programming

- On Learning of Choice Models with Interactive Attributes. *Aggarwal, M.*, *TKDE Oct. 2016 2697-2708*

Nonparametric statistics

- Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. *Yu, Z.*, +, *TKDE March 2016 701-714*

Numerical analysis

- A Partial Correlation Statistic Structure Learning Algorithm Under Linear Structural Equation Models. *Yang, J.*, +, *TKDE Oct. 2016 2552-2565*

Numerical models

- Discovering Anomalies on Mixed-Type Data Using a Generalized Student- t Based Approach. *Lu, Y.*, +, *TKDE Oct. 2016 2582-2595*

O

Obituaries

- In Memoriam: Chittoor V. Ramamoorthy, PhD 1926-2016. *W. Wah, B.*, *TKDE June 2016 1354-1355*

Object detection

- Aspect-Level Influence Discovery from Graphs. *Hu, C.*, +, *TKDE July 2016 1635-1649*

Object tracking

- Discovering Team Structures in Soccer from Spatiotemporal Data. *Bialkowski, A.*, +, *TKDE Oct. 2016 2596-2605*

Online services

- Online Bagging and Boosting for Imbalanced Data Streams. *Wang, B.*, +, *TKDE Dec. 2016 3353-3366*

Ontologies

- Frame-Based Ontology Population with PIKES. *Corcoglioniti, F.*, +, *TKDE Dec. 2016 3261-3275*
- TaxoFinder: A Graph-Based Approach for Taxonomy Learning. *Kang, Y.*, +, *TKDE Feb. 2016 524-536*
- Using Memetic Algorithm for Instance Coreference Resolution. *Xue, X.*, +, *TKDE Feb. 2016 580-591*

Ontologies (artificial intelligence)

- PriGuard: A Semantic Approach to Detect Privacy Violations in Online Social Networks. *Kokciyan, N.*, +, *TKDE Oct. 2016 2724-2737*

Optimization

- A Comprehensive Study on Willingness Maximization for Social Activity Planning with Quality Guarantee. *Shuai, H.*, +, *TKDE Jan. 2016 2-16*
- AIDE: An Active Learning-Based Approach for Interactive Data Exploration. *Dimitriadou, K.*, +, *TKDE Nov. 2016 2842-2856*
- An Optimization Model for Clustering Categorical Data Streams with Drifting Concepts. *Bai, L.*, +, *TKDE Nov. 2016 2871-2883*
- CavSimBase: A Database for Large Scale Comparison of Protein Binding Sites. *Leinweber, M.*, +, *TKDE June 2016 1423-1434*
- Cluster-Driven Navigation of the Query Space. *Sellam, T.*, +, *TKDE May 2016 1118-1131*
- Efficient Recovery of Missing Events. *Wang, J.*, +, *TKDE Nov. 2016 2943-2957*
- Efficient Structured Learning for Personalized Diversification. *Liang, S.*, +, *TKDE Nov. 2016 2958-2973*
- Entropy Optimized Feature-Based Bag-of-Words Representation for Information Retrieval. *Passalis, N.*, +, *TKDE July 2016 1664-1677*
- Mutually Beneficial Confluent Routing. *Zhang, X.*, +, *TKDE Oct. 2016 2681-2696*
- Optimizing Cost of Continuous Overlapping Queries over Data Streams by Filter Adaption. *Xie, Q.*, +, *TKDE May 2016 1258-1271*
- Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion. *Whang, J.J.*, +, *TKDE May 2016 1272-1284*
- PINOCCHIO: Probabilistic Influence-Based Location Selection over Moving Objects. *Wang, M.*, +, *TKDE Nov. 2016 3068-3082*
- Robust Joint Feature Weights Learning Framework. *Yan, H.*, +, *TKDE May 2016 1327-1339*
- Scalable Semi-Supervised Learning by Efficient Anchor Graph Regularization. *Wang, M.*, +, *TKDE July 2016 1864-1877*
- Scalable Temporal Latent Space Inference for Link Prediction in Dynamic Social Networks. *Zhu, L.*, +, *TKDE Oct. 2016 2765-2777*
- Using Memetic Algorithm for Instance Coreference Resolution. *Xue, X.*, +, *TKDE Feb. 2016 580-591*
- Virtual Denormalization via Array Index Reference for Main Memory OLAP. *Zhang, Y.*, +, *TKDE April 2016 1061-1074*

Organizational aspects

- Exploring Hierarchies in Online Social Networks. *Lu, C.*, +, *TKDE Aug. 2016 2086-2100*

Outsourcing

- A Survey of General-Purpose Crowdsourcing Techniques. *Chittilappilly, A.I.*, +, *TKDE Sept. 2016 2246-2266*

Aggregating Crowdsourced Quantitative Claims: Additive and Multiplicative Models. *Ouyang, R.W.*, +, *TKDE July 2016 1621-1634*
 Challenges in Data Crowdsourcing. *Garcia-Molina, H.*, +, *TKDE April 2016 901-911*
 Crowdsourced Data Management: A Survey. *Li, G.*, +, *TKDE Sept. 2016 2296-2319*
 Crowdsourcing for Top-K Query Processing over Uncertain Data. *Ciceri, E.*, +, *TKDE Jan. 2016 41-53*
 Privacy-Preserving Outsourced Media Search. *Weng, L.*, +, *TKDE Oct. 2016 2738-2751*

P

Painting

Task Assignment on Multi-Skill Oriented Spatial Crowdsourcing. *Cheng, P.*, +, *TKDE Aug. 2016 2201-2215*

Parallel algorithms

Efficient Algorithms for Temporal Path Computation. *Wu, H.*, +, *TKDE Nov. 2016 2927-2942*
 Probabilistic Static Load-Balancing of Parallel Mining of Frequent Sequences. *Kessl, R.*, *TKDE May 2016 1299-1311*

Parallel databases

Exploiting Single-Threaded Model in Multi-Core In-Memory Systems. *Yao, C.*, +, *TKDE Oct. 2016 2635-2650*

Parallel processing

Adaptive Replication Management in HDFS Based on Supervised Learning. *Bui, D.*, +, *TKDE June 2016 1369-1382*
 Conflicts to Harmony: A Framework for Resolving Conflicts in Heterogeneous Data by Truth Discovery. *Li, Y.*, +, *TKDE Aug. 2016 1986-1999*
 Scalable Algorithms for Nearest-Neighbor Joins on Big Trajectory Data. *Fang, Y.*, +, *TKDE March 2016 785-800*

Partitioning algorithms

Clearing Contamination in Large Networks. *Simpson, M.*, +, *TKDE June 2016 1435-1448*
 Efficient Distributed Density Peaks for Clustering Large Data Sets in Map-Reduce. *Zhang, Y.*, +, *TKDE Dec. 2016 3218-3230*
 Recursive Stratified Sampling: A New Framework for Query Evaluation on Uncertain Graphs. *Li, R.*, +, *TKDE Feb. 2016 468-482*

Path planning

Efficient Cache-Supported Path Planning on Roads. *Zhang, Y.*, +, *TKDE April 2016 951-964*

Pattern classification

kNNVWC: An Efficient k -Nearest Neighbors Approach Based on Various-Widths Clustering. *Almalawi, A.M.*, +, *TKDE Jan. 2016 68-81*
 Aggregating Crowdsourced Quantitative Claims: Additive and Multiplicative Models. *Ouyang, R.W.*, +, *TKDE July 2016 1621-1634*
 AIDE: An Active Learning-Based Approach for Interactive Data Exploration. *Dimitriadou, K.*, +, *TKDE Nov. 2016 2842-2856*
 Booster in High Dimensional Data Classification. *Kim, H.*, +, *TKDE Jan. 2016 29-40*
 Classifying Time Series Using Local Descriptors with Hybrid Sampling. *Zhao, J.*, +, *TKDE March 2016 623-637*
 CMIner: Opinion Extraction and Summarization for Chinese Microblogs. *Zhou, X.*, +, *TKDE July 2016 1650-1663*
 CRATS: An LDA-Based Model for Jointly Mining Latent Communities, Regions, Activities, Topics, and Sentiments from Geosocial Network Data. *Zhang, J.*, +, *TKDE Nov. 2016 2895-2909*
 Incremental and Decremental Max-Flow for Online Semi-Supervised Learning. *Zhu, L.*, +, *TKDE Aug. 2016 2115-2127*
 Incremental Evolving Domain Adaptation. *Bitarafan, A.*, +, *TKDE Aug. 2016 2128-2141*
 Joint Structure Feature Exploration and Regularization for Multi-Task Graph Classification. *Pan, S.*, +, *TKDE March 2016 715-728*
 Large Margin Distribution Learning with Cost Interval and Unlabeled Data. *Zhou, Y.*, +, *TKDE July 2016 1749-1763*
 Learning Proximity Relations for Feature Selection. *Zhang, T.*, +, *TKDE May 2016 1231-1244*
 Mining Health Examination Records—A Graph-Based Approach. *Chen, L.*, +, *TKDE Sept. 2016 2423-2437*
 Multilabel Classification via Co-Evolutionary Multilabel Hypernetwork. *Sun, K.W.*, +, *TKDE Sept. 2016 2438-2451*
 Ordinal Regression Methods: Survey and Experimental Study. *Gutierrez, P.A.*, +, *TKDE Jan. 2016 127-146*
 Pattern Based Sequence Classification. *Zhou, C.*, +, *TKDE May 2016 1285-1298*

Pattern Similarity Search in Genomic Sequences. *Montanari, P.*, +, *TKDE Nov. 2016 3053-3067*

Recurring and Novel Class Detection Using Class-Based Ensemble for Evolving Data Stream. *Al-Khateeb, T.*, +, *TKDE Oct. 2016 2752-2764*

Relaxed Functional Dependencies—A Survey of Approaches. *Caruccio, L.*, +, *TKDE Jan. 2016 147-165*

Similarity Measure Selection for Clustering Time Series Databases. *Mori, U.*, +, *TKDE Jan. 2016 181-195*

SPIRIT: A Tree Kernel-Based Method for Topic Person Interaction Detection. *Chang, Y.*, +, *TKDE Sept. 2016 2494-2507*

To Combat Multi-Class Imbalanced Problems by Means of Over-Sampling Techniques. *Abdi, L.*, +, *TKDE Jan. 2016 238-251*

Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Microblogs. *Wang, Y.*, +, *TKDE July 2016 1919-1933*

Pattern clustering

kNNVWC: An Efficient k -Nearest Neighbors Approach Based on Various-Widths Clustering. *Almalawi, A.M.*, +, *TKDE Jan. 2016 68-81*

An Optimization Model for Clustering Categorical Data Streams with Drifting Concepts. *Bai, L.*, +, *TKDE Nov. 2016 2871-2883*

Automatic Clustering via Outward Statistical Testing on Density Metrics. *Wang, G.*, +, *TKDE Aug. 2016 1971-1985*

Clustering and Summarizing Protein-Protein Interaction Networks: A Survey. *Bhowmick, S.S.*, +, *TKDE March 2016 638-658*

Discovering Team Structures in Soccer from Spatiotemporal Data. *Bialkowski, A.*, +, *TKDE Oct. 2016 2596-2605*

Diverse Power Iteration Embeddings: Theory and Practice. *Huang, H.*, +, *TKDE Oct. 2016 2606-2620*

Domain-Sensitive Recommendation with User-Item Subgroup Analysis. *Liu, J.*, +, *TKDE April 2016 939-950*

Entropy Optimized Feature-Based Bag-of-Words Representation for Information Retrieval. *Passalis, N.*, +, *TKDE July 2016 1664-1677*

Fast and Accurate Mining the Community Structure: Integrating Center Locating and Membership Optimization. *Li, H.*, +, *TKDE Sept. 2016 2349-2362*

Graph Regularized Feature Selection with Data Reconstruction. *Zhao, Z.*, +, *TKDE March 2016 689-700*

Hierarchical Spatio-Temporal Pattern Discovery and Predictive Modeling. *Yu, C.*, +, *TKDE April 2016 979-993*

Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. *Yu, Z.*, +, *TKDE March 2016 701-714*

Multi-Class Ground Truth Inference in Crowdsourcing with Clustering. *Zhang, J.*, +, *TKDE April 2016 1080-1085*

Multi-View Clustering Based on Belief Propagation. *Wang, C.*, +, *TKDE April 2016 1007-1021*

Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion. *Whang, J.J.*, +, *TKDE May 2016 1272-1284*

Personalized Influential Topic Search via Social Network Summarization. *Li, J.*, +, *TKDE July 2016 1820-1834*

Recurring and Novel Class Detection Using Class-Based Ensemble for Evolving Data Stream. *Al-Khateeb, T.*, +, *TKDE Oct. 2016 2752-2764*

Robust Ensemble Clustering Using Probability Trajectories. *Huang, D.*, +, *TKDE May 2016 1312-1326*

Semi-Supervised Nonlinear Distance Metric Learning via Forests of Max-Margin Cluster Hierarchies. *Johnson, D.M.*, +, *TKDE April 2016 1035-1046*

Set Matching Measures for External Cluster Validity. *Rezaei, M.*, +, *TKDE Aug. 2016 2173-2186*

Similarity Measure Selection for Clustering Time Series Databases. *Mori, U.*, +, *TKDE Jan. 2016 181-195*

Subspace Based Network Community Detection Using Sparse Linear Coding. *Mahmood, A.*, +, *TKDE March 2016 801-812*

Temporal Skeletonization on Sequential Data: Patterns, Categorization, and Visualization. *Liu, C.*, +, *TKDE Jan. 2016 211-223*

Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Microblogs. *Wang, Y.*, +, *TKDE July 2016 1919-1933*

Pattern matching

Answering Pattern Queries Using Views. *Fan, W.*, +, *TKDE Feb. 2016 326-341*

Quality-Aware Subgraph Matching Over Inconsistent Probabilistic Graph Databases. *Lian, X.*, +, *TKDE June 2016 1560-1574*

Semantic-Aware Blocking for Entity Resolution. *Wang, Q.*, +, *TKDE Jan. 2016 166-180*

Set Matching Measures for External Cluster Validity. *Rezaei, M.*, +, *TKDE Aug. 2016 2173-2186*

Pattern recognition

Ring-Shaped Hotspot Detection. *Eftelioglu, E., +, TKDE Dec. 2016 3367-3381*

Peer-to-peer computing

A Scalable Approach for Content-Based Image Retrieval in Peer-to-Peer Networks. *Zhang, L., +, TKDE April 2016 858-872*
Automatically Mining Facets for Queries from Their Search Results. *Dou, Z., +, TKDE Feb. 2016 385-397*

Periodic structures

Cross-Platform Identification of Anonymous Identical Users in Multiple Social Media Networks. *Zhou, X., +, TKDE Feb. 2016 411-424*

Pipeline processing

A Novel Pipeline Approach for Efficient Big Data Broadcasting. *Wu, C., +, TKDE Jan. 2016 17-28*

Pipelines

Top k Favorite Probabilistic Products Queries. *Zhou, X., +, TKDE Oct. 2016 2808-2821*

Planning

A Comprehensive Study on Willingness Maximization for Social Activity Planning with Quality Guarantee. *Shuai, H., +, TKDE Jan. 2016 2-16*
Collective Travel Planning in Spatial Networks. *Shang, S., +, TKDE May 2016 1132-1146*

Politics

Quantifying Political Leaning from Tweets, Retweets, and Retweeters. *Wong, F.M.F., +, TKDE Aug. 2016 2158-2172*

Polynomials

Enabling Scalable Geographic Service Sharing with Weighted Imprecise Voronoi Cells. *Xie, X., +, TKDE Feb. 2016 439-453*

Portfolios

Robust Median Reversion Strategy for Online Portfolio Selection. *Huang, D., +, TKDE Sept. 2016 2480-2493*

Pragmatics

Frame-Based Ontology Population with PIKES. *Corcoglioniti, F., +, TKDE Dec. 2016 3261-3275*
TaxoFinder: A Graph-Based Approach for Taxonomy Learning. *Kang, Y., +, TKDE Feb. 2016 524-536*
Using Memetic Algorithm for Instance Coreference Resolution. *Xue, X., +, TKDE Feb. 2016 580-591*

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A Bayesian Perspective on Early Stage Event Prediction in Longitudinal Data. *Fard, M.J., +, TKDE Dec. 2016 3126-3139*
Improving Collaborative Recommendation via User-Item Subgroups. *Bu, J., +, TKDE Sept. 2016 2363-2375*
Learning Mixtures of Markov Chains from Aggregate Data with Structural Constraints. *Luo, D., +, TKDE June 2016 1518-1531*

Prediction theory

Integrating Topic and Latent Factors for Scalable Personalized Review-based Rating Prediction. *Zhang, W., +, TKDE Nov. 2016 3013-3027*

Predictive models

A Bayesian Perspective on Early Stage Event Prediction in Longitudinal Data. *Fard, M.J., +, TKDE Dec. 2016 3126-3139*
Inferring Directions of Undirected Social Ties. *Zhang, J., +, TKDE Dec. 2016 3276-3292*
Learning Label-Specific Features and Class-Dependent Labels for Multi-Label Classification. *Huang, J., +, TKDE Dec. 2016 3309-3323*
Prefix-Adaptive and Time-Sensitive Personalized Query Auto Completion. *Cai, F., +, TKDE Sept. 2016 2452-2466*
Sentiment Embeddings with Applications to Sentiment Analysis. *Tang, D., +, TKDE Feb. 2016 496-509*
The Prediction of Venture Capital Co-Investment Based on Structural Balance Theory. *Wang, Z., +, TKDE Feb. 2016 537-550*

Prefetching

The Moving K Diversified Nearest Neighbor Query. *Gu, Y., +, TKDE Oct. 2016 2778-2792*

Principal component analysis

Distributed Anomaly Detection Using Minimum Volume Elliptical Principal Component Analysis. *O'Reilly, C., +, TKDE Sept. 2016 2320-2333*
The Gamma Matrix to Summarize Dense and Sparse Data Sets for Big Data Analytics. *Ordonez, C., +, TKDE July 2016 1905-1918*
Top- k Preferences in High Dimensions. *Yu, A., +, TKDE Feb. 2016 311-325*

Privacy

Differentially Private Frequent Sequence Mining. *Xu, S., +, TKDE Nov. 2016 2910-2926*
Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy. *Yi, X., +, TKDE June 2016 1546-1559*

Probabilistic logic

Adaptive Processing for Distributed Skyline Queries over Uncertain Data. *Zhou, X., +, TKDE Feb. 2016 371-384*
Efficient Probabilistic Supergraph Search. *Zhang, W., +, TKDE April 2016 965-978*
KISS: Knowing Camera Prototype System for Recognizing and Annotating Places-of-Interest. *Peng, P., +, TKDE April 2016 994-1006*
Service Quality Evaluation by Exploring Social Users' Contextual Information. *Zhao, G., +, TKDE Dec. 2016 3382-3394*
Top k Favorite Probabilistic Products Queries. *Zhou, X., +, TKDE Oct. 2016 2808-2821*
Towards Bayesian Deep Learning: A Framework and Some Existing Methods. *Wang, H., +, TKDE Dec. 2016 3395-3408*

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A Simple Message-Optimal Algorithm for Random Sampling from a Distributed Stream. *Chung, Y., +, TKDE June 2016 1356-1368*
Adapting to User Interest Drift for POI Recommendation. *Yin, H., +, TKDE Oct. 2016 2566-2581*
Adaptive Replication Management in HDFS Based on Supervised Learning. *Bui, D., +, TKDE June 2016 1369-1382*
Aggregating Crowdsourced Quantitative Claims: Additive and Multiplicative Models. *Ouyang, R.W., +, TKDE July 2016 1621-1634*
Efficient Probabilistic Supergraph Search. *Zhang, W., +, TKDE April 2016 965-978*
Finding Causality and Responsibility for Probabilistic Reverse Skyline Query Non-Answers. *Gao, Y., +, TKDE Nov. 2016 2974-2987*
Forecasting the Next Shot Location in Tennis Using Fine-Grained Spatiotemporal Tracking Data. *Wei, X., +, TKDE Nov. 2016 2988-2997*
Improving Construction of Conditional Probability Tables for Ranked Nodes in Bayesian Networks. *Laitila, P., +, TKDE July 2016 1691-1705*
Learning to Find Topic Experts in Twitter via Different Relations. *Wei, W., +, TKDE July 2016 1764-1778*
Microblogging Content Propagation Modeling Using Topic-Specific Behavioral Factors. *Hoang, T., +, TKDE Sept. 2016 2407-2422*
OMASS: One Memory Access Set Separation. *Mitzenmacher, M., +, TKDE July 2016 1940-1943*
PINOCCHIO: Probabilistic Influence-Based Location Selection over Moving Objects. *Wang, M., +, TKDE Nov. 2016 3068-3082*
Quality-Aware Subgraph Matching Over Inconsistent Probabilistic Graph Databases. *Lian, X., +, TKDE June 2016 1560-1574*
Robust Ensemble Clustering Using Probability Trajectories. *Huang, D., +, TKDE May 2016 1312-1326*
Semantic-Aware Blocking for Entity Resolution. *Wang, Q., +, TKDE Jan. 2016 166-180*

Probability distribution

Merlin: Exploratory Analysis with Imprecise Queries. *Qarabaqi, B., +, TKDE Feb. 2016 342-355*

Problem solving

A Survey of General-Purpose Crowdsourcing Techniques. *Chittilappilly, A.I., +, TKDE Sept. 2016 2246-2266*

Program compilers

Incremental Query Processing on Big Data Streams. *Fegaras, L., TKDE Nov. 2016 2998-3012*

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Probabilistic Static Load-Balancing of Parallel Mining of Frequent Sequences. *Kessl, R., TKDE May 2016 1299-1311*

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k Nearest Neighbour Joins for Big Data on MapReduce: A Theoretical and Experimental Analysis. *Song, G., +, TKDE Sept. 2016 2376-2392*

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CavSimBase: A Database for Large Scale Comparison of Protein Binding Sites. *Leinweber, M., +, TKDE June 2016 1423-1434*
Clustering and Summarizing Protein-Protein Interaction Networks: A Survey. *Bhowmick, S.S., +, TKDE March 2016 638-658*
Efficient Probabilistic Supergraph Search. *Zhang, W., +, TKDE April 2016 965-978*

Protocols

Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy. *Yi, X., +, TKDE June 2016 1546-1559*

Public healthcare

Near-Optimal Algorithms for Controlling Propagation at Group Scale on Networks. *Zhang, Y., +, TKDE Dec. 2016 3339-3352*

Public key cryptography

Private Over-Threshold Aggregation Protocols over Distributed Datasets. *Kim, M., +, TKDE Sept. 2016 2467-2479*

Q

Quadrees

Inverted Linear Quadtree: Efficient Top K Spatial Keyword Search. *Zhang, C.*, +, *TKDE July 2016 1706-1721*

Quality control

A Survey of General-Purpose Crowdsourcing Techniques. *Chittilappilly, A.I.*, +, *TKDE Sept. 2016 2246-2266*
Crowdsourced Data Management: A Survey. *Li, G.*, +, *TKDE Sept. 2016 2296-2319*

Quality of service

Service Quality Evaluation by Exploring Social Users' Contextual Information. *Zhao, G.*, +, *TKDE Dec. 2016 3382-3394*

Query languages

Cluster-Driven Navigation of the Query Space. *Sellam, T.*, +, *TKDE May 2016 1118-1131*
Crowdsourcing for Top-K Query Processing over Uncertain Data. *Ciceri, E.*, +, *TKDE Jan. 2016 41-53*

Query processing

kNNVWC: An Efficient *k*-Nearest Neighbors Approach Based on Various-Widths Clustering. *Almalawi, A.M.*, +, *TKDE Jan. 2016 68-81*

The Past is Not a Foreign Country: Detecting Semantically Similar Terms across Time. *Zhang, Y.*, +, *TKDE Oct. 2016 2793-2807*

A Comprehensive Approach to 'Now' in Temporal Relational Databases: Semantics and Representation. *Anselma, L.*, +, *TKDE Oct. 2016 2538-2551*

A Review and Future Perspectives of Arabic Question Answering Systems. *Ray, S.K.*, +, *TKDE Dec. 2016 3169-3190*

AIDE: An Active Learning-Based Approach for Interactive Data Exploration. *Dimitriadou, K.*, +, *TKDE Nov. 2016 2842-2856*

Capturing the Semantics of Key Phrases Using Multiple Languages for Question Retrieval. *Zhang, W.*, +, *TKDE April 2016 888-900*

Crowdsourcing for Top-K Query Processing over Uncertain Data. *Ciceri, E.*, +, *TKDE Jan. 2016 41-53*

D-ToSS: A Distributed Throwaway Spatial Index Structure for Dynamic Location Data. *Akdogan, A.*, +, *TKDE Sept. 2016 2334-2348*

Distributed In-Memory Processing of All *k* Nearest Neighbor Queries. *Chatzimilioudis, G.*, +, *TKDE April 2016 925-938*

Efficient Cache-Supported Path Planning on Roads. *Zhang, Y.*, +, *TKDE April 2016 951-964*

Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System. *Hong, Y.*, +, *TKDE June 2016 1503-1517*

Efficient Recovery of Missing Events. *Wang, J.*, +, *TKDE Nov. 2016 2943-2957*

Efficient Structured Learning for Personalized Diversification. *Liang, S.*, +, *TKDE Nov. 2016 2958-2973*

Explaining Missing Answers to Top-k SQL Queries. *Xu, W.*, +, *TKDE Aug. 2016 2071-2085*

Fast Top-K Path-Based Relevance Query on Massive Graphs. *Khemmarat, S.*, +, *TKDE May 2016 1189-1202*

Finding Causality and Responsibility for Probabilistic Reverse Skyline Query Non-Answers. *Gao, Y.*, +, *TKDE Nov. 2016 2974-2987*

Incremental Query Processing on Big Data Streams. *Fegaras, L.*, *TKDE Nov. 2016 2998-3012*

Inverted Linear Quadtree: Efficient Top K Spatial Keyword Search. *Zhang, C.*, +, *TKDE July 2016 1706-1721*

Learning to Find Topic Experts in Twitter via Different Relations. *Wei, W.*, +, *TKDE July 2016 1764-1778*

Location Aware Keyword Query Suggestion Based on Document Proximity. *Qi, S.*, +, *TKDE Jan. 2016 82-97*

Metric All-*k*-Nearest-Neighbor Search. *Chen, L.*, +, *TKDE Jan. 2016 98-112*

Nearest Keyword Set Search in Multi-Dimensional Datasets. *Singh, V.*, +, *TKDE March 2016 741-755*

Online Subgraph Skyline Analysis over Knowledge Graphs. *Zheng, W.*, +, *TKDE July 2016 1805-1819*

Optimizing Cost of Continuous Overlapping Queries over Data Streams by Filter Adaption. *Xie, Q.*, +, *TKDE May 2016 1258-1271*

Personalized Influential Topic Search via Social Network Summarization. *Li, J.*, +, *TKDE July 2016 1820-1834*

Privacy-Preserving Outsourced Media Search. *Weng, L.*, +, *TKDE Oct. 2016 2738-2751*

Proxies for Shortest Path and Distance Queries. *Ma, S.*, +, *TKDE July 2016 1835-1850*

Quality-Aware Subgraph Matching Over Inconsistent Probabilistic Graph Databases. *Lian, X.*, +, *TKDE June 2016 1560-1574*

Recursive Stratified Sampling: A New Framework for Query Evaluation on Uncertain Graphs. *Li, R.*, +, *TKDE Feb. 2016 468-482*

Relaxed Functional Dependencies—A Survey of Approaches. *Caruccio, L.*, +, *TKDE Jan. 2016 147-165*

Relevance Feedback Algorithms Inspired By Quantum Detection. *Melucci, M.*, *TKDE April 2016 1022-1034*

Scalable Algorithms for Nearest-Neighbor Joins on Big Trajectory Data. *Fang, Y.*, +, *TKDE March 2016 785-800*

Similarity Group-by Operators for Multi-Dimensional Relational Data. *Tang, M.*, +, *TKDE Feb. 2016 510-523*

Socio-Spatial Group Queries for Impromptu Activity Planning. *Shen, C.*, +, *TKDE Jan. 2016 196-210*

Textually Relevant Spatial Skylines. *Shi, J.*, +, *TKDE Jan. 2016 224-237*

The Moving *K* Diversified Nearest Neighbor Query. *Gu, Y.*, +, *TKDE Oct. 2016 2778-2792*

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Capturing the Semantics of Key Phrases Using Multiple Languages for Question Retrieval. *Zhang, W.*, +, *TKDE April 2016 888-900*

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R

Ramamoorthy, Chittoor V.

In Memoriam: Chittoor V. Ramamoorthy, PhD 1926-2016. *W. Wah, B.*, *TKDE June 2016 1354-1355*

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Clustering Data Streams Based on Shared Density between Micro-Clusters. *Hahsler, M.*, +, *TKDE June 2016 1449-1461*

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Venus: Scalable Real-Time Spatial Queries on Microblogs with Adaptive Load Shedding. *Magdy, A.*, +, *TKDE Feb. 2016 356-370*

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Adapting to User Interest Drift for POI Recommendation. *Yin, H.*, +, *TKDE Oct. 2016 2566-2581*

Cold-Start Recommendation with Provable Guarantees: A Decoupled Approach. *Barjasteh, I.*, +, *TKDE June 2016 1462-1474*

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- Improving Collaborative Recommendation via User-Item Subgroups. *Bu, J.*, +, *TKDE Sept. 2016 2363-2375*
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Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms. *Jiang, M., +, TKDE Aug. 2016 2187-2200*

Testing

Efficient Probabilistic Supergraph Search. *Zhang, W., +, TKDE April 2016 965-978*

Text analysis

A Computer-Assistance Learning System for Emotional Wording. *Chen, W., +, TKDE May 2016 1093-1104*

A Mixed Generative-Discriminative Based Hashing Method. *Zhang, Q., +, TKDE April 2016 845-857*

ATD: Anomalous Topic Discovery in High Dimensional Discrete Data. *Soleimani, H., +, TKDE Sept. 2016 2267-2280*

Fast Online EM for Big Topic Modeling. *Zeng, J., +, TKDE March 2016 675-688*

Graph Regularized Feature Selection with Data Reconstruction. *Zhao, Z., +, TKDE March 2016 689-700*

Inverted Linear Quadtree: Efficient Top K Spatial Keyword Search. *Zhang, C., +, TKDE July 2016 1706-1721*

Microblog Dimensionality Reduction—A Deep Learning Approach. *Xu, L., +, TKDE July 2016 1779-1789*

Mining User-Aware Rare Sequential Topic Patterns in Document Streams. *Zhu, J., +, TKDE July 2016 1790-1804*

Recurring and Novel Class Detection Using Class-Based Ensemble for Evolving Data Stream. *Al-Khateeb, T., +, TKDE Oct. 2016 2752-2764*

SPIRIT: A Tree Kernel-Based Method for Topic Person Interaction Detection. *Chang, Y., +, TKDE Sept. 2016 2494-2507*

- Textually Relevant Spatial Skylines. *Shi, J., +, TKDE Jan. 2016 224-237*
- Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Microblogs. *Wang, Y., +, TKDE July 2016 1919-1933*
- Text categorization**
- A Bayesian Classification Approach Using Class-Specific Features for Text Categorization. *Tang, B., +, TKDE June 2016 1602-1606*
- Toward Optimal Feature Selection in Naive Bayes for Text Categorization. *Tang, B., +, TKDE Sept. 2016 2508-2521*
- Text detection**
- Inference of Regular Expressions for Text Extraction from Examples. *Bartoli, A., +, TKDE May 2016 1217-1230*
- Time complexity**
- Discovering the k Representative Skyline Over a Sliding Window. *Bai, M., +, TKDE Aug. 2016 2041-2056*
- Exploring Hierarchies in Online Social Networks. *Lu, C., +, TKDE Aug. 2016 2086-2100*
- Fast Memory Efficient Local Outlier Detection in Data Streams. *Salehi, M., +, TKDE Dec. 2016 3246-3260*
- K-Join: Knowledge-Aware Similarity Join. *Shang, Z., +, TKDE Dec. 2016 3293-3308*
- Recursive Stratified Sampling: A New Framework for Query Evaluation on Uncertain Graphs. *Li, R., +, TKDE Feb. 2016 468-482*
- Top-Down XML Keyword Query Processing. *Zhou, J., +, TKDE May 2016 1340-1353*
- Time factors**
- Access Time Oracle for Planar Graphs. *Deng, K., +, TKDE Aug. 2016 1959-1970*
- Time series**
- Classifying Time Series Using Local Descriptors with Hybrid Sampling. *Zhao, J., +, TKDE March 2016 623-637*
- Similarity Measure Selection for Clustering Time Series Databases. *Mori, U., +, TKDE Jan. 2016 181-195*
- Topology**
- An Approach to Cold-Start Link Prediction: Establishing Connections between Non-Topological and Topological Information. *Wang, Z., +, TKDE Nov. 2016 2857-2870*
- Efficient R-Tree Based Indexing Scheme for Server-Centric Cloud Storage System. *Hong, Y., +, TKDE June 2016 1503-1517*
- Traffic engineering computing**
- Efficient Cache-Supported Path Planning on Roads. *Zhang, Y., +, TKDE April 2016 951-964*
- Training**
- Cross-Domain Sentiment Classification Using Sentiment Sensitive Embeddings. *Bollegala, D., +, TKDE Feb. 2016 398-410*
- Online Learning from Trapezoidal Data Streams. *Zhang, Q., +, TKDE Oct. 2016 2709-2723*
- Understanding Short Texts through Semantic Enrichment and Hashing. *Yu, Z., +, TKDE Feb. 2016 566-579*
- Training data**
- A Bayesian Perspective on Early Stage Event Prediction in Longitudinal Data. *Fard, M.J., +, TKDE Dec. 2016 3126-3139*
- Online Multi-Modal Distance Metric Learning with Application to Image Retrieval. *Wu, P., +, TKDE Feb. 2016 454-467*
- Trajectory**
- Learning Mixtures of Markov Chains from Aggregate Data with Structural Constraints. *Luo, D., +, TKDE June 2016 1518-1531*
- The Moving K Diversified Nearest Neighbor Query. *Gu, Y., +, TKDE Oct. 2016 2778-2792*
- Transaction processing**
- Exploiting Single-Threaded Model in Multi-Core In-Memory Systems. *Yao, C., +, TKDE Oct. 2016 2635-2650*
- Scaling HTM-Supported Database Transactions to Many Cores. *Leis, V., +, TKDE Feb. 2016 297-310*
- Transfer functions**
- Structured Dimensionality Reduction for Additive Model Regression. *Fawzi, A., +, TKDE June 2016 1589-1601*
- Transforms**
- Classifying Time Series Using Local Descriptors with Hybrid Sampling. *Zhao, J., +, TKDE March 2016 623-637*
- Transmission line matrix methods**
- Access Time Oracle for Planar Graphs. *Deng, K., +, TKDE Aug. 2016 1959-1970*
- Tree data structures**
- Mining High Utility Patterns in One Phase without Generating Candidates. *Liu, J., +, TKDE May 2016 1245-1257*
- SEDEX: Scalable Entity Preserving Data Exchange. *Sekhavat, Y.A., +, TKDE July 2016 1878-1890*
- SPIRIT: A Tree Kernel-Based Method for Topic Person Interaction Detection. *Chang, Y., +, TKDE Sept. 2016 2494-2507*
- Trees (mathematics)**
- A Novel Pipeline Approach for Efficient Big Data Broadcasting. *Wu, C., +, TKDE Jan. 2016 17-28*
- Connecting Social Media to E-Commerce: Cold-Start Product Recommendation Using Microblogging Information. *Zhao, W.X., +, TKDE May 2016 1147-1159*
- Metric All- k -Nearest-Neighbor Search. *Chen, L., +, TKDE Jan. 2016 98-112*
- ML-Forest: A Multi-Label Tree Ensemble Method for Multi-Label Classification. *Wu, Q., +, TKDE Oct. 2016 2665-2680*
- Textually Relevant Spatial Skylines. *Shi, J., +, TKDE Jan. 2016 224-237*
- Trusted computing**
- A Novel Recommendation Model Regularized with User Trust and Item Ratings. *Guo, G., +, TKDE July 2016 1607-1620*
- Conflicts in Harmony: A Framework for Resolving Conflicts in Heterogeneous Data by Truth Discovery. *Li, Y., +, TKDE Aug. 2016 1986-1999*
- Privacy-Preserving Outsourced Media Search. *Weng, L., +, TKDE Oct. 2016 2738-2751*
- Twitter**
- Cross-Platform Identification of Anonymous Identical Users in Multiple Social Media Networks. *Zhou, X., +, TKDE Feb. 2016 411-424*
- Efficient Identification of Local Keyword Patterns in Microblogging Platforms. *Wang, X., +, TKDE Oct. 2016 2621-2634*
- Efficient Online Summarization of Large-Scale Dynamic Networks. *Qu, Q., +, TKDE Dec. 2016 3231-3245*
- Infering Directions of Undirected Social Ties. *Zhang, J., +, TKDE Dec. 2016 3276-3292*
- TopicSketch: Real-Time Bursty Topic Detection from Twitter. *Xie, W., +, TKDE Aug. 2016 2216-2229*
- Venus: Scalable Real-Time Spatial Queries on Microblogs with Adaptive Load Shedding. *Magdy, A., +, TKDE Feb. 2016 356-370*

U

Ubiquitous computing

- Contextual Operation for Recommender Systems. *Wu, S., +, TKDE Aug. 2016 2000-2012*
- Multi-Class Ground Truth Inference in Crowdsourcing with Clustering. *Zhang, J., +, TKDE April 2016 1080-1085*

Uncertainty

- Top k Favorite Probabilistic Products Queries. *Zhou, X., +, TKDE Oct. 2016 2808-2821*

Unsupervised learning

- Cluster-Driven Navigation of the Query Space. *Sellam, T., +, TKDE May 2016 1118-1131*
- CMiner: Opinion Extraction and Summarization for Chinese Microblogs. *Zhou, X., +, TKDE July 2016 1650-1663*
- Competitive Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C., +, TKDE Nov. 2016 2884-2894*

Upper bound

- Efficient and Exact Local Search for Random Walk Based Top-K Proximity Query in Large Graphs. *Wu, Y., +, TKDE May 2016 1160-1174*
- K-Join: Knowledge-Aware Similarity Join. *Shang, Z., +, TKDE Dec. 2016 3293-3308*
- Top-k Spatio-Textual Similarity Join. *Hu, H., +, TKDE Feb. 2016 551-565*

Urban areas

- Access Time Oracle for Planar Graphs. *Deng, K., +, TKDE Aug. 2016 1959-1970*
- Effective and Efficient: Large-Scale Dynamic City Express. *Zhang, S., +, TKDE Dec. 2016 3203-3217*
- Efficiently Estimating Statistics of Points of Interests on Maps. *Wang, P., +, TKDE Feb. 2016 425-438*

Usability

- The Moving K Diversified Nearest Neighbor Query. *Gu, Y., +, TKDE Oct. 2016 2778-2792*

User interfaces

- Cluster-Driven Navigation of the Query Space. *Sellam, T., +, TKDE May 2016 1118-1131*
- Recommendation for Repeat Consumption from User Implicit Feedback. *Chen, J., +, TKDE Nov. 2016 3083-3097*

Utility theory

- Efficient Algorithms for Mining Top-K High Utility Itemsets. *Tseng, V.S., +, TKDE Jan. 2016 54-67*

V

Vaccines

Near-Optimal Algorithms for Controlling Propagation at Group Scale on Networks. *Zhang, Y.*, +, *TKDE Dec. 2016 3339-3352*

Vector quantization

Classifying Time Series Using Local Descriptors with Hybrid Sampling. *Zhao, J.*, +, *TKDE March 2016 623-637*

Competitive Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C.*, +, *TKDE Nov. 2016 2884-2894*

K-Subspaces Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C.*, +, *TKDE July 2016 1722-1733*

Multi-View Clustering Based on Belief Propagation. *Wang, C.*, +, *TKDE April 2016 1007-1021*

Relevance Feedback Algorithms Inspired By Quantum Detection. *Melucci, M.*, *TKDE April 2016 1022-1034*

Vehicle crash testing

Efficient Identification of Local Keyword Patterns in Microblogging Platforms. *Wang, X.*, +, *TKDE Oct. 2016 2621-2634*

Vehicle dynamics

The Prediction of Venture Capital Co-Investment Based on Structural Balance Theory. *Wang, Z.*, +, *TKDE Feb. 2016 537-550*

Vehicle routing

Mutually Beneficial Confluent Routing. *Zhang, X.*, +, *TKDE Oct. 2016 2681-2696*

Vehicles

Access Time Oracle for Planar Graphs. *Deng, K.*, +, *TKDE Aug. 2016 1959-1970*

Verification

K-Join: Knowledge-Aware Similarity Join. *Shang, Z.*, +, *TKDE Dec. 2016 3293-3308*

Very large databases

K-Subspaces Quantization for Approximate Nearest Neighbor Search. *Ozan, E.C.*, +, *TKDE July 2016 1722-1733*

Videos

RODS: Rarity based Outlier Detection in a Sparse Coding Framework. *Dutta, J.K.*, +, *TKDE Feb. 2016 483-495*

Visual databases

D-ToSS: A Distributed Throwaway Spatial Index Structure for Dynamic Location Data. *Akdogan, A.*, +, *TKDE Sept. 2016 2334-2348*

Visualization

KISS: Knowing Camera Prototype System for Recognizing and Annotating Places-of-Interest. *Peng, P.*, +, *TKDE April 2016 994-1006*

Online Multi-Modal Distance Metric Learning with Application to Image Retrieval. *Wu, P.*, +, *TKDE Feb. 2016 454-467*

Visual Assessment of Clustering Tendency for Incomplete Data. *Park, L.A.F.*, +, *TKDE Dec. 2016 3409-3422*

Vocabulary

Sentiment Embeddings with Applications to Sentiment Analysis. *Tang, D.*, +, *TKDE Feb. 2016 496-509*

Toward Optimal Feature Selection in Naive Bayes for Text Categorization. *Tang, B.*, +, *TKDE Sept. 2016 2508-2521*

Using Hashtag Graph-Based Topic Model to Connect Semantically-Related Words Without Co-Occurrence in Microblogs. *Wang, Y.*, +, *TKDE July 2016 1919-1933*

W

Watches

Automatically Mining Facets for Queries from Their Search Results. *Dou, Z.*, +, *TKDE Feb. 2016 385-397*

Web 2.0

Conflict-Aware Event-Participant Arrangement and Its Variant for Online Setting. *She, J.*, +, *TKDE Sept. 2016 2281-2295*

Web pages

Exploring Hierarchies in Online Social Networks. *Lu, C.*, +, *TKDE Aug. 2016 2086-2100*

Multi-Task Multi-View Clustering. *Zhang, X.*, +, *TKDE Dec. 2016 3324-3338*

Web search

Crawling Hidden Objects with kNN Queries. *Yan, H.*, +, *TKDE April 2016 912-924*

Prefix-Adaptive and Time-Sensitive Personalized Query Auto Completion. *Cai, F.*, +, *TKDE Sept. 2016 2452-2466*

Web sites

MAVE: Multilevel wrApper Verification systEm. *de Viana, I.F.*, +, *TKDE Sept. 2016 2393-2406*

Microblog Dimensionality Reduction—A Deep Learning Approach. *Xu, L.*, +, *TKDE July 2016 1779-1789*

Wireless LAN

A Framework for Enabling User Preference Profiling through Wi-Fi Logs. *Fan, Y.*, +, *TKDE March 2016 592-603*

Word processing

The Past is Not a Foreign Country: Detecting Semantically Similar Terms across Time. *Zhang, Y.*, +, *TKDE Oct. 2016 2793-2807*

Writing

Cross-Platform Identification of Anonymous Identical Users in Multiple Social Media Networks. *Zhou, X.*, +, *TKDE Feb. 2016 411-424*

X

XML

An Overview on XML Semantic Disambiguation from Unstructured Text to Semi-Structured Data: Background, Applications, and Ongoing Challenges. *Tekli, J.*, *TKDE June 2016 1383-1407*

Answering Pattern Queries Using Views. *Fan, W.*, +, *TKDE Feb. 2016 326-341*

Top-Down XML Keyword Query Processing. *Zhou, J.*, +, *TKDE May 2016 1340-1353*