

# منابع

1. B.A. Nardi, D.J. Schiano, M. Gumbrecht, I. Swartz, "Why we blog", *Communications of the ACM Commun*, 47(12), 41–46, 2004.
2. F. Abel, Q. Gao, G.J. Houben, K. Tao, "Analyzing user modeling on twitter for personalized news recommendations", *In Proceeding of 19<sup>th</sup> International Conference on User Modeling, Adaption and Personalization (UMAP '11)*, 2011, 1-12.
3. P. Kapanipathi, F. Orlandi, A. Sheth, A. Passant, "Personalized Filtering of the Twitter Stream", *SPIM Workshop at ISWC 2011*, 2011, 6–13.
4. M. Pennacchiotti, F. Silvestri, H. Vahabi, R. Venturini, "Making your interests follow you on twitter", *In Proceeding of 21<sup>st</sup> ACM international conference on Information and knowledge management (CIKM'12)*, 2012, 165-174.
5. D. Palsetia, M.M. Patwary, A. Agrawal, A. Choudhary, "Excavating social circles via user interests", *In Journal of Social Network Analysis and Mining*, 4(1), 1-12, 2014.
6. L. Hong, B. Davison, "Empirical study of topic modeling in twitter", *In Proceedings of the 1<sup>st</sup> Workshop on Social Media Analytics*, 2010, 80–88.
7. B. Sriram, D. Fuhry, E. Demir, H. Ferhatosmanoglu, M. Demirbas, "Short text classification in twitter to improve information filtering", *In Proceedings of 33<sup>rd</sup> international ACM SIGIR conference on Research and development in information retrieval*, 2010, 841–842.
8. M. Michelson, S.A. Macskassy, "Discovering Users' Topics of Interest on Twitter: A First Look", *In Proceedings of 4<sup>th</sup> Workshop on Analytics for Noisy Unstructured Text Data (AND'10)*, 2010, 73-80.
9. C. Lu, W. Lam, Y. Zhang, "Twitter User Modeling and Tweets Recommendation Based on Wikipedia Concept Graph", *The AAAI 2012 Workshop on Intelligent Techniques For Web Personalization and Recommender Systems*, 2012, 33-38.
10. P. Kapanipathi, P. Jain, C. Venkataramani, A. Sheth, "User Interests Identification on Twitter Using a Hierarchical Knowledge Base", *In Proceedings of 11<sup>th</sup> Extended Semantic Web Conference (ESWC '14)*, 2014, 99-113.
11. X. Hu, H. Liu, *Text analytics in social media*, In Mining text data, Springer US, 385-414, 2010.
12. T. Sakaki, M. Okazaki, Y. Matsuo, "Earthquake Shakes Twitter Users: Real-time Event Detection by Social Sensors", *In Proceedings of the 19<sup>th</sup> international conference on World Wide Web*, 851-860, 2010.
13. B. Tsohmon, K-S. Lee, "An event extraction model based on timeline and user analysis in Latent Dirichlet allocation", *In Proceedings of the 37<sup>th</sup> international ACM SIGIR conference on Research & development in information retrieval*, 2014, 1187-1190.
14. J. Weng, Y. Yao, E. Leonardi, F. Lee, "Event Detection in Twitter", *In Proceedings of the 5th International AAAI Conference on Weblogs and Social Media*, 2011, 401-408.
15. R. Mehrotra, S. Sanner, W. Buntine, L. Xie, "Improving lda topic models for microblogs via tweet pooling and automatic labeling", *In Proceedings of 36<sup>th</sup> international ACM SIGIR conference on Research and development in information retrieval*, 2013, 889-892.
16. D. Ramasamy, S. Venkateswaran, U. Madhow, "Inferring user interests from tweet times", *In Proceedings of the first ACM conference on Online social networks*, 2013, 235-240.
17. J. Chen, R. Narin, L. Nelson, M. Bernstein, E. Chi, "Short and tweet: experiments on recommending content from information streams", *In Proceedings of 28<sup>th</sup> international conference on Human factors in Computing Systems (CHI '10)*, 2010, 1185-1194.
18. P. Ferragina, U. Scaiella, "Fast and Accurate Annotation of Short Texts with Wikipedia Pages", *In Journal of IEEE Software*, 29(1), 70-75, 2012.

19. S. Yang, A. Kolcz, A. Schlaikjer, P. Gupta, “Large-Scale High-Precision Topic Modeling on Twitter”, *In Proceedings of the 20th ACM SIGKDD international conference on Knowledge discovery and data mining*, 2014, 1907-1916.
20. D. Duan, Y. Li, R. Li, R. Zhang, X. Gu, K. Wen, “LIMTopic: A Framework of Incorporating Link based Importance into Topic Modeling”, *IEEE Transaction on knowledge and data Engineering*, 26(10), 2493-2506, 2014.
21. M. JafariAsbagh, E. Ferrara, O. Varol, F. Menczer, A. Flammini, “Clustering memes in social media streams”, *Social Network Analysis and Mining*, 4(1), 2014.
22. Y. Zhou, H. Cheng, J. Yu, “Graph clustering based on structural/attribute similarities”, *Proceedings of the VLDB Endowment*, 2(1), 718–729, 2009.
23. B. Hu, Z. Song, M. Ester, “User Features and Social Networks for Topic Modeling in Online Social Media”, *In Proceeding of ASONAM '12 Proceedings of the 2012 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2012)*, 2012, 202-209.
24. F. Abel, Q. Gao, G.J. Houben, K. Tao, “Semantic Enrichment of Twitter Posts for User Profile Construction on the Social Web”, *In Proceeding of 8<sup>th</sup> Extended Semantic Web Conference (ESWC '11)*, 2011, 375-389.
25. P.N. Mendes, M. Jakob, A. Garc´ia-Silva, C. Bizer, “DBpedia Spotlight: Shedding Light on the Web of Documents”, *I-Semantics 2011*, 2011, 1-8.
26. S. Banerjee, K. Ramanathan, A. Gupta, “Clustering short texts using Wikipedia”, *In Proceedings of the 30<sup>th</sup> annual international ACM SIGIR conference on Research and development in information retrieval*, 2007, 787–788.
27. A. Varga, E.A. Cano, M. Rowe, F. Ciravegna, Y. He, “Linked knowledge sources for topic classification of microposts: a semantic graph-based approach”, *Journal of Web Semantics: Science, Services and Agents on the World Wide Web*, 26, 36–57, 2014.
28. S. Gauch, M. Speretta, A. Chandramouli, A. Micarelli, “User profiles for personalized information access”, *In The adaptive web*, 2007, 54–89.
29. M.A. Abbasi, J. Tang, H. Liu, “Scalable Learning of Users’ Preferences Using Networked Data”, *25th ACM conference on Hypertext and social media (HT'14)*, 2014, 4-12.
30. A. Mislove, B. Viswanath, K.P. Gummadi, P. Druschel, “You are who you know: Inferring user profiles in online social networks”, *In Proceeding of 3<sup>th</sup> ACM international conference on Web search and data mining (WSDM'10)*, 2010, 251-260.
31. C. Budak, A. Kannan, R. Agrawal, J. Pedersen, “Inferring User Interests From Microblogs”, Technical Report, MSR-TR-2014-68, J, 2014.
32. Y. Shin, C. Ryo, J. Park, “Automatic extraction of persistent topics from social text streams”, *World Wide Web*, 17(6), 1395-1420, 2013.
33. J. Hannon, M. Bennett, B. Smyth, “Recommending twitter users to follow using content and collaborative filtering approaches”, *In Proceedings of the fourth ACM conference on Recommender systems*, RecSys '10, 2010, 199–206.
34. N. Spasojevic, J. Yan, A. Rao, P. Bhattacharyya, “LASTA: Large Scale Topic Assignment on Multiple Social Networks”, *In Proceeding of 20<sup>th</sup> ACM SIGKDD international conference on Knowledge discovery and data mining (KDD '14)*, 2014, 1809-1818.
35. J. Wang, W.X. Zhao, Y. He, X. Li, “Infer User Interests via Link Structure Regularization”, *ACM Transactions on Intelligent Systems and Technology (TIST) - Special Issue on Linking Social Granularity and Functions*, 5(2), 2014.
36. M. McPherson, L. Smith-Lovin, J.M. Cook, “Birds of a feather: Homophily in social networks”, *Annual review of sociology*, 27(1), 415-444, 2001.

37. P. Bhattacharya, M.B. Zafar, N. Ganguly, S. Ghosh, K.P. Gummadi, “Inferring User Interests in the Twitter Social Network”, *In Proceedings of the 8<sup>th</sup> ACM Conference on Recommender systems*, 2014, 357-360.
38. F. Abel, Q. Gao, G.J. Houben, K. Tao, “Analyzing Temporal Dynamics in Twitter Profiles for Personalized Recommendations in the Social Web”, *In Proceeding of 3<sup>rd</sup> International Web Science Conference (WebSci '11)*, 2011, 1-8.
39. B. Mehta, *Cross system personalization: Enabling personalization across multiple systems*, PhD thesis, 2008.
40. F. Orlandi, J. Breslin, A. Passant, “Aggregated, Interoperable and Multi-Domain User Profiles for the Social Web”, *In Proceeding of 8<sup>th</sup> International Conference on Semantic Systems (I-SEMANTICS '12)*, 2012, 41-48.
41. F. Abel, E. Herder, G.J. Houben, N. Henze, D. Krause, “Cross-system User Modeling and Personalization on the Social Web. User Modeling and User-Adapted Interaction”, 23(2-3), 169–209, 2013.
42. R. Ottoni, D. Las Casas, J.P. Pesce, W. Meira Jr. C. Wilson, A. Mislove, V. Almeida, “Of pins and tweets: Investigating how users behave across image-and text-based social networks”, Eighth International AAAI Conference on Weblogs and Social Media, 2014 .
43. X. Cheng, X. Yan, Y. Lan, J. Guo, “BTM: Topic Modeling over Short Texts”, *IEEE Transactions on Knowledge and Data Engineering*, 26(12), 2928-2941, 2014.
44. L. Yang, T. Sun, M. Zhang, B.D. Davison, “We know what @you #tag: does the dual role affect hashtag adoption?”, *In Proceeding of 21<sup>th</sup> international conference on World Wide Web*, WWW'12, 2012, 261-270.
45. D. Blei, “Probabilistic topic models”, *Communications of the ACM*, 55(4), 77–84, 2012.
46. J. Weng, E.P. Lim, J. Jiang, Q. He, “TwitterRank: finding topic-sensitive influential twitterers”, *In Proceeding of 3<sup>rd</sup> ACM international conference on Web search and data mining*, WSDM '10, 2010, 261-270.
47. N.F.N. Rajani, K. McArdle, J. Baldrige, “Extracting Topics Based on Authors, Recipients and Content in Microblogs”, *In Proceeding of 37<sup>th</sup> International ACM SIGIR Conference on Research & development in Information Retrieval*, 2014, 1171-1174.
48. W.X. Zhao, J. Jiang, J. Weng, J. He, E-P. Lim, H. Yan, X. Li, “Comparing twitter and traditional media using topic models”, *In Proceedings of the 33<sup>rd</sup> European conference on Advances in information retrieval*, 2011, 338–349.
49. J. Huang, K.M. Thornton, E.N. Efthimiadis, “Conversational tagging in twitter”, *In Proceedings of the 21st ACM conference on Hypertext and hypermedia*, HT '10, 2010, 173–178.
50. L.M. Aiello, G. Petkos, C. Martin, D. Corney, S. Papadopoulos, R. Skraba, A. Goker, I. Kompatsiaris, A. Jaimes, “Sensing Trending Topics in Twitter”, *IEEE Transaction on Multimedia*, 15(6), 1268 – 1282, 2013.
51. K. Haewoon, L. Changhyun, P. Hosung, M. Sue, “What is Twitter, a social network or a news media?” *In Proceedings of the 19<sup>th</sup> International Conference on World Wide Web*, 2010, 591-600.
52. C. Besel, J. Schlöotterer, M. Granitzer, “Inferring semantic interest profiles from Twitter followees: Does Twitter know better than your friends?”, *In Proceedings of the 31<sup>st</sup> Annual ACM Symposium on Applied Computing*, 2016, 1152-1157.
53. C. Besel, J. Schlöotterer, M. Granitzer, “On the quality of semantic interest profiles for online social network consumers”, *ACM SIGAPP Applied Computing Review*, 16(3), 5-14, 2016.
54. S. Faralli, G. Stilo, P. Velardi, “Recommendation of Microblog Users based on Hierarchical Interest Profiles”, *Social Network Analysis and Mining*, 5(1), 1-23, 2015.

55. S. Faralli, G. Stilo, P. Velardi, "Automatic acquisition of a taxonomy of microblogs users' interests", *Web Semantics: Science, Services and Agents on the World Wide Web*, 45, 23-40, 2017
56. SA. Myers, J. Leskovec, "The Bursty Dynamics of the Twitter Information Network", *In Proceedings of the 23rd International Conference on World Wide Web*, 2014, 913-924.
57. G. Piao, J.G. Breslin, "Inferring User Interests for Passive Users on Twitter by Leveraging Followee Biographies", *In Proceedings of the 39th European Conference on Information Retrieval*, 122-133, 2017.
58. D. Kim, Y. Jo, I.C. Moon, A. Oh, "Analysis of Twitter lists as a potential source for discovering latent characteristics of users", *ACM CHI Workshop on Microblogging*, Citeseer, Atlanta, Georgia, USA, 2010.
59. G. Piao, J.G. Breslin, "Leveraging Followee List Memberships for Inferring User Interests for Passive Users on Twitter", *In Proceeding of the 28<sup>th</sup> ACM Conference on Hypertext and Social Media*, ACM Press, Prague, Czech Republic, 2017, 155-164.
60. K. Tao, F. Abel, Q. Gao, G.J. Houben, "TUMS: Twitter-Based User Modeling Service", *The Semantic Web: ESWC 2011 Workshops*, vol 7117, Springer Berlin Heidelberg, chap 22, 2011, 269-283.
61. G. Piao, J.G. Breslin, "Interest Representation, Enrichment, Dynamics, and Propagation: A Study of the Synergetic Effect of Different User Modeling Dimensions for Personalized Recommendations on Twitter", *Knowledge Engineering and Knowledge Management: 20<sup>th</sup> International Conference*, Springer, Bologna, Italy, 2016, 496-510.
62. J. Hannon, K. McCarthy, M.P. O'Mahony, B. Smyth, "A multi-faceted user model for twitter", *User Modeling, Adaptation, and Personalization: 20<sup>th</sup> International Conference*, UMAP 2012, Springer, Montreal, Canada, 2012, 303-309.
63. J. Liu, F. Zhang, X. Song, Y.I. Song, C.Y. Lin, H.W. Hon, "What's in a name?: an unsupervised approach to link users across communities", *In Proceedings of the sixth ACM International Conference on Web Search and Data Mining*, ACM, Rome, Italy, 2013, 495-504.
64. G. Piao, J.G. Breslin, "Analyzing Aggregated Semantics-enabled User Modeling on Google+ and Twitter for Personalized Link Recommendations", *User Modeling, Adaptation, and Personalization*, ACM, Halifax, Nova Scotia, Canada, 2016, 105-109.
65. P. Brusilovsky, E. Mill'an, "User models for adaptive hypermedia and adaptive educational systems", *The Adaptive Web*, Springer-Verlag, 2007, 3-53.
66. G. Salton, M.J. McGill, *Introduction to Modern information Retrieval*, McGraw-Hill, Inc. 1987.
67. G.A. Miller, "WordNet: a lexical database for English", *Communications of the ACM*, 38(11), 39-41, 1995.
68. A. Stefani, "Personalizing access to web sites: The SiteIF project", *In Proceedings of the 2<sup>nd</sup> Workshop on Adaptive Hypertext and Hypermedia HYPERTEXT*, 1998.
69. S. Auer, C. Bizer, G. Kobilarov, J. Lehmann, R. Cyganiak, Z. Ives, "DBpedia: A nucleus for a web of open data", *The Semantic Web: 6<sup>th</sup> International Semantic Web Conference, 2nd Asian Semantic Web Conference*, Springer, Busan, Korea, 2007, 722-735.
70. T. Flati, D. Vannella, T. Pasini, R. Navigli, "Two is bigger (and better) than one: the Wikipedia bitaxonomy project", *In Proceeding of the 52<sup>nd</sup> Annual Meeting of the Association for Computational Linguistics*, ACL, Association for Computational Linguistics (ACL), Baltimore, MD, United States, 2014, 945-955.
71. J. Kang, H. Lee, "Modeling User Interest in Social Media using News Media and Wikipedia", *Information Systems*, 65, 52-64, 2016.

72. C. Nishioka, A. Scherp, "Profiling vs. Time vs. Content: What Does Matter for Top-k Publication Recommendation Based on Twitter Profiles?" *In Proceedings of the 16th ACM/IEEE-CS on Joint Conference on Digital Libraries*, ACM, New York, NY, USA, JCDL '16, 2016, 171-180.
73. C. Nishioka, G. Große-Börling, A. Scherp, "Influence of Time on User Profiling and Recommending Researchers in Social Media", *In Proceedings of the 15<sup>th</sup> International Conference on Knowledge Technologies and Data-driven Business*, ACM, New York, NY, USA, i-KNOW '15, 2015, 9:1-9:8.
74. P. Penas, R. del Hoyo, J. Veja-Murguía, C. González, S. Mayo, "Collective Knowledge Ontology User Profiling for Twitter-Automatic User Profiling", *2013 IEEE/WIC/ACM International Joint Conferences on Web Intelligence (WI) and Intelligent Agent Technologies (IAT)*, 2013, 439-444.
75. A. Ritter, S. Clark, O. Etzioni, "Named Entity Recognition in Tweets: an Experimental Study", *In Proceedings of the Conference on Empirical Methods in Natural Language Processing, Association for Computational Linguistics*, Edinburgh, United Kingdom, 2011, 1524-1534.
76. S. O'Banion, L. Birnbaum, K. Hammond, "Social media-driven news personalization", *In Proceedings of the 4<sup>th</sup> ACM RecSys Workshop on Recommender Systems and the Social Web*, ACM, Dublin, Ireland, 2012, 45-52.
77. B. Jiang, Y. Sha, "Modeling temporal dynamics of user interests in online social networks", *Procedia Computer Science*, 51, 2015, 503-512.
78. T. Vu, V. Perez, "Interest Mining from User Tweets", *In Proceedings of the 22<sup>nd</sup> ACM International Conference on Information and Knowledge Management*, ACM, New York, NY, USA, CIKM '13, 2013, 1869-1872.
79. F. Narducci, C. Musto, G. Semeraro, P. Lops, M. Gemmis, "Leveraging Encyclopedic Knowledge for Transparent and Serendipitous User Profiles", *User Modeling, Adaptation, and Personalization: 21<sup>th</sup> International Conference*, Springer Berlin Heidelberg, Berlin, Heidelberg, 2013, 350-352.
80. D. Ahn, T. Kim, S.J. Hyun, D. Lee, "Inferring User Interest Using Familiarity and Topic Similarity with Social Neighbors in Facebook", *In Proceedings of the The 2012 IEEE/WIC/ACM International Joint Conferences on Web Intelligence and Intelligent Agent Technology - Volume 01*, IEEE Computer Society, Washington, DC, USA, WI-IAT '12, 2012, 196-200.
81. Z. Xu, L. Ru, L. Xiang, Q. Yang, "Discovering user interest on twitter with a modified author-topic model", *In Proceedings of the 2011 IEEE/WIC/ACM International Conferences on Web Intelligence and Intelligent Agent Technology-Volume 01*, IEEE Computer Society, Washington, DC, USA, 2011, 422-429.
82. M. Rosen-Zvi, T. Griffiths, M. Steyvers, P. Smyth, "The Author-topic Model for Authors and Documents", *In Proceedings of the 20th Conference on Uncertainty in Artificial Intelligence*, AUAI Press, Arlington, Virginia, United States, UAI'04, 2004, 487-494.
83. J. Sang, D. Lu, C. Xu, "A Probabilistic Framework for Temporal User Modeling on Microblogs", *In Proceedings of the 24<sup>th</sup> ACM International on Conference on Information and Knowledge Management*, ACM, New York, NY, USA, CIKM '15, 2015, 961-970.
84. D. Karatay, P. Karagoz, "User Interest Modeling in Twitter with Named Entity Recognition", *Making Sense of Microposts (#Microposts2015)*, Florence, Italy, 2015, 17-20.
85. P. Bhargava, O. Brdiczka, M. Roberts, "Unsupervised Modeling of Users' Interests from Their Facebook Profiles and Activities", *In Proceedings of the 20<sup>th</sup> International Conference on Intelligent User Interfaces*, ACM, New York, NY, USA, IUI '15, 2015, 191-201.
86. P. Siehdnel, R. Kawase, "TwikiMe!: User Profiles That Make Sense", *In Proceedings of the 2012<sup>th</sup> International Conference on Semantic Web (Posters and Demonstrations Track) - Volume 914*, CEUR-WS.org, ISWC-PD'12, 2012, 61-64.

87. F. Abel, C. Hauff, G.J. Houben, K. Tao, "Leveraging user modeling on the Social Web with Linked Data", *Web Engineering: 12<sup>th</sup> International Conference, ICWE 2012*, Springer, Berlin, Germany, 2012, 378-385.
88. G. Piao, J.G. Breslin, "Exploring Dynamics and Semantics of User Interests for User Modeling on Twitter for Link Recommendations", In *Proceeding of the 12<sup>th</sup> International Conference on Semantic Systems*, ACM, Leipzig, Germany, 2016, 81-88.
89. S. O'Banion, L. Birnbaum, K. Hammond, "Social media-driven news personalization", In *Proceedings of the 4th ACM RecSys Workshop on Recommender Systems and the Social Web*, ACM, Dublin, Ireland, 2012, 45-52.
90. A. Ahmed, Y. Low, M. Aly, V. Josifovski, A.J. Smola, "Scalable distributed inference of dynamic user interests for behavioral targeting", In *Proceedings of the 17th International Conference on Knowledge Discovery and Data Mining*, ACM, San Diego, California, USA, 2011, 114-122.
91. F. Narducci, C. Musto, G. Semeraro, P. Lops, M. Gemmis, "Leveraging Encyclopedic Knowledge for Transparent and Serendipitous User Profiles", *User Modeling, Adaptation, and Personalization: 21th International Conference*, Springer Berlin Heidelberg, Berlin, Heidelberg, 2013, 350-352.
92. D. Alvarez-Melis and M. Saveski, "Topic modeling in twitter: Aggregating tweets by conversations", *Tenth International AAAI Conference on Web and Social Media*, 2016, 519-522.
93. F. Atefeh, and W. Khreich, "A survey of techniques for event detection in twitter", *Computational Intelligence*, 31(1), 132-164, 2013.
94. W. He, H. Liu, J. He, S. Tang, X. Du, "Extracting interest tags for non-famous users in social network", *CIKM2015*, 2015, 861-870.
95. H. Bao, Q. Li, S.S. Liao, S. Song, H. Gao, "A new temporal and social PMF-based method to predict users' interests in micro-blogging", *Decision Support Systems*, 55(3), 698-709, 2013.
96. H. Yin, B. Cui, L. Chen, Z. Hu, X. Zhou, "Dynamic user modeling in social media systems", *ACM Transactions on Information Systems (TOIS)*, 33(3), 2015
97. Y. Koren, "Collaborative Filtering with Temporal Dynamics", In *Proceeding of the 15<sup>th</sup> ACM SIGKDD Int'l Conf. Knowledge Discovery and Data Mining (KDD 09)*, 2009, 447-455.
98. M. Jamali and M. Ester, "A matrix factorization technique with trust propagation for recommendation in social networks," In *Proceeding. ACM Conference RecSys*, Barcelona, Spain, 2010, 135-142.
99. L. Gao, J. Wu, C. Zhou, Y. Hu, "Collaborative Dynamic Sparse Topic Regression with User Profile Evolution for Item Recommendation", *Thirty-First AAAI Conference on Artificial Intelligence*, 2017.
100. L. Xiang, Q. Yuan, S. Zhao, L. Chen, X. Zhang, Q. Yang, J. Sun, "Temporal recommendation on graphs via long- and short-term preference fusion", In *Proceedings of the 16<sup>th</sup> ACM SIGKDD international conference on Knowledge discovery and data mining*, July 25-28, 2010, 723-732.
101. J. Yu, Y. Shen, Z. Yang, "Topic-STG: extending the session-based temporal graph approach for personalized tweet recommendation", In *Proceedings of the companion publication of the 23<sup>rd</sup> international conference on World Wide Web companion*, April 07-11, 2014, 413-414.
102. L. Li, L. Zheng, F. Yang, T. Li, "Modeling and broadening temporal user interest in personalized news recommendation", *Expert Systems with Applications*, 41, 3168-3177, 2014.
103. Y. Song, A.M. Elkahky, X. He, "Multi-rate deep learning for temporal recommendation", In *Proceedings of the 39th International ACM SIGIR conference on Research and Development in Information Retrieval*, ACM, 2016, 909-912.
104. B. Schafer, D. Frankowski, J. Herlocker, S. Sen, "Collaborative Filtering Recommender Systems", *The Adaptive Web: Methods and Strategies of Web Personalization*, 4321, 291-324. 2007.

105. J. Bobadilla, F. Ortega, A. Hernando, A. Gutiérrez, “Recommender systems survey”, *Knowledge-Based Systems*, 46, 109-132, 2013.
106. M. Nakatsuji, Y. Fujiwara, T. Uchiyama, H. Toda, “Collaborative Filtering by Analyzing Dynamic User Interests Modeled by Taxonomy”, In *Proceedings of the 11<sup>th</sup> International Semantic Web Conference (ISWC 2012)*, 2012, 361–377.
107. P.T. Nguyen, P. Tomeo, T.S. Di Noia, E. Di Sciascio, “Content-based recommendations via DBpedia and freebase: a case study in the music domain”, *International Semantic Web Conferenc*, ISWC 2015, 2015, 605–621.
108. A. Passant, “dbrec: music recommendations using DBpedia”, In *Proceedings of the 9<sup>th</sup> international semantic web conference on The semantic web*, November 07-11, 2010, 209-224.
109. T. Di Noia, R. Mirizzi, V.C. Ostuni, D. Romito, M. Zanker, “Linked open data to support content-based recommender systems”, In *Proceedings of the 8<sup>th</sup> International Conference on Semantic Systems*, September 05-07, 2012, 1-8.
110. V.C. Ostuni, T. Di Noia, E. Di Sciascio, R. Mirizzi, “Top-N recommendations from implicit feedback leveraging linked open data”, In *Proceedings of the 7<sup>th</sup> ACM conference on Recommender systems*, October 12-16, 2013, 85-92.
111. F. Zhang, N.J. Yuan, D. Lian, X. Xie, W.Y. Ma, “Collaborative Knowledge Base Embedding for Recommender Systems”, In *Proceedings of the 22<sup>nd</sup> ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, 2016, 353-362.
112. S.K. Cheekula, P. Kapanipathi, D. Doran, P. Jain, and A.P. Sheth, “Entity Recommendations Using Hierarchical Knowledge Bases”, In *Proceedings of the 4th Workshop on Knowledge Discovery and Data Mining Meets Linked Open Data co-located with 12<sup>th</sup> Extended Semantic Web Conference (ESWC 2015)*, Portoroz, Slovenia, May 31, 2015.
113. D.M. Blei, A.Y. Ng, M.I. Jordan, “Latent dirichlet allocation”, *Journal of Machine Learning Research*, 3, 993–1022, 2003.
114. M.J. Welch, U. Schonfeld, D. He, J. Cho, “Topical semantics of twitter links”, In *Proceedings of the fourth ACM international conference on Web search and data mining*, 2011, 327-336.
115. S.J. Wang, P. Luo, M. Wang, “Linking named entities in tweets with knowledge base via user interest modeling”, In *Proceedings of the 19<sup>th</sup> ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, 2013, 68-76.
116. Z. Wen, C.Y. Lin, “Improving user interest inference from social neighbors”, In *Proceedings of the 20th ACM international conference on Information and knowledge management*, 2011, 1001–1006.
117. P.H. Duong, H.T. Nguyen, V.P. Nguyen, “Evaluating semantic relatedness between concepts”, In *Proceedings of the 10<sup>th</sup> International Conference on Ubiquitous Information Management and Communication*, IMCOM 2016, Danang, Vietnam, January 4-6, 2016, 20:1–20:8.
118. Y. Jiang, X. Zhang, Y. Tang, R. Nie, “Feature-based approaches to semantic similarity assessment of concepts using Wikipedia”, *Information Processing & Management*, 51(3), 215-234, 2015.
119. Y. Jiang, W. Bai, X. Zhang, J. Hu, “Wikipedia-based information content and semantic similarity computation”, *Information Processing & Management*, 53(1), 248–265, 2017.
120. G. Adomavicius, A. Tuzhilin, “Toward the next generation of recommender systems: A survey of the state-of-the-art and possible extensions”, *IEEE Transactions on Knowledge and Data Engineering*, 17(6), 734–749, 2005.
121. S. Kabbur, X. Ning, G. Karypis, “FISM: factored item similarity models for top-n recommender systems”, In *Proceeding of the 19th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, KDD 2013, Chicago, IL, USA, August 11-14, 2013, 659–667.



- 122.Y. Yu, C. Wang, Y. Gao, “Attributes coupling based matrix factorization for item recommendation”, *Applied Intelligence*, 46(3), 2017.
- 123.D. Liben-Nowell, J.M. Kleinberg, “The link-prediction problem for social networks”, In *Journal of the Association for Information Science and Technology*, 58(7), 1019-1031, 2007.
- 124.L.A. Adamic, E. Adar, “Friends and neighbors on the web”, *Social Networks*, 25(3), 211–230, 2003.
- 125.L. Katz, “A new status index derived from sociometric analysis”, *Psychometrika*, 18(1), 39–43, 1953.
- 126.R. Lichtenwalter, J.T. Lussier, N.V. Chawla, “New perspectives and methods in link prediction”, In *Proceedings of the 16th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, Washington, DC, USA, July 25-28, 2010, 243–252.
- 127.L. Lu, T. Zhou, “Role of weak ties in link prediction of complex networks”, In *Proceeding of the ACM First International Workshop on Complex Networks Meet Information & Knowledge Management*, CIKM-CNIKM 2009, Hong Kong, China, 2009, 55–58.
- 128.H.R. de Sa, R.B.C. Prudencio, “Supervised link prediction in weighted networks”, *The 2011 International Joint Conference on Neural Networks*, IJCNN 2011, San Jose, California, USA, 2011, 2281–2288.
- 129.Y. Sun, J. Han, X. Yan, P.S. Yu, T. Wu, “Pathsim: Meta path-based top-k similarity search in heterogeneous information networks”, In *Proceedings of the VLDB Endowment*, 4(11), 2011, 992–1003.
- 130.X. Liu, Y. Yu, C. Guo, Y. Sun, “Meta-path-based ranking with pseudo relevance feedback on heterogeneous graph for citation recommendation”, In *Proceedings of the 23<sup>rd</sup> ACM International Conference on Conference on Information and Knowledge Management*, CIKM 2014, Shanghai, China, November 3-7, 2014, 121–130.
- 131.Y. Sun, C.C. Aggarwal, J. Han, “Relation strength-aware clustering of heterogeneous information networks with incomplete attributes”, In *Proceedings of the VLDB Endowment*, 5(5), 2012, 394–405.
- 132.B. Cao, X. Kong, P.S. Yu, “Collective prediction of multiple types of links in heterogeneous information networks”, *IEEE International Conference on Data Mining*, ICDM 2014, Shenzhen, China, December 14-17, 2014, 50–59.
- 133.Y. Sun, R. Barber, M. Gupta, C.C. Aggarwal, J. Han, “Co-author relationship prediction in heterogeneous bibliographic networks”, *International Conference on Advances in Social Networks Analysis and Mining*, ASONAM 2011, Kaoh-siung, Taiwan, 25-27 July, 2011, 121–128.
- 134.J. Huang, M. Peng, H. Wang, J. Cao, W. Gao, X. Zhang, “A Probabilistic Method for Emerging Topic Tracking in Microblog Stream”, *World Wide Web*, 20(2), 325-350, 2017.
- 135.J. Sang, D. Lu, C. Xu, “A Probabilistic Framework for Temporal User Modeling on Microblogs”, In *Proceedings of the 24th ACM International on Conference on Information and Knowledge Management*, 2015, 961-970.
- 136.P. Boldi, C. Monti, “Cleansing Wikipedia Categories using Centrality”, In *Proceedings of the 25<sup>th</sup> International Conference Companion on World Wide Web*, WWW '16 Companion, 2016, 969-974.
- 137.T. Mikolov, k. Chen, g. Corrado, J. Dean, “Efficient Estimation of Word Representations in Vector Space”, *arXiv preprint arXiv:1301.3781*, 2013.
- 138.Z. Hu, R. Iyer, Y. Li, K.P. Sycara, T. Tian, R. Zheng, “Joint Embedding of Hierarchical Categories and Entities for Concept Categorization and Dataless Classification”, *arXiv preprint arXiv:1607.07956*, 2016.
- 139.S.k. Cheekula, *Characterizing Concepts in Taxonomy for Entity Recommendations*, Thesis. 2017.
- 140.N. Seco, T. Veale, J. Hayes, “An Intrinsic Information Content Metric for Semantic Similarity in WordNet”, In *ECAI*, 1089-1090, 2004.

141. M. Cornolti, P. Ferragina, M. Ciaramita, "A framework for benchmarking entity-annotation systems", In *Proceedings of the 22<sup>nd</sup> international conference on World Wide Web (WWW '13)*, ACM, New York, NY, USA, 2013, 249-260.
142. S.P. Ponzetto, M. Strube, "Deriving a large scale taxonomy from Wikipedia", In *Proceedings of the 22<sup>nd</sup> national conference on Artificial intelligence - Volume 2 (AAAI'07)*, 2007, 1440-1445.
143. Y. Yu, C. Wang, H. Wang, Y. Gao, "Attributes coupling based matrix factorization for item recommendation", *Applied Intelligence*, 46(3), 521-533, 2017.
144. R. Salakhutdinov, A. Mnih, "Probabilistic Matrix Factorization", *Advances in Neural Information Processing Systems 20 (NIPS'07)*, 2008, 1257-1264.
145. S. Asur, B.A. Huberman, "Predicting the Future with Social Media", In *Proceedings of the 2010 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology - Volume 01 (WI-IAT '10)*, Vol. 1. IEEE Computer Society, Washington, DC, USA, 2010, 492-499.
146. W. Feng, J. Wang, "Retweet or not?: personalized tweet re-ranking", In *Proceedings of the sixth ACM international conference on Web search and data mining (WSDM '13)*, ACM, New York, NY, USA, 2013, 577-586.
147. Y. Li, J. Jiang, T. Liu, M. Qiu, X. Sun, "Personalized microtopic recommendation on microblogs", *ACM Transactions on Intelligent Systems and Technology*, 8(6), 77:1-77:21, 2017.
148. D. M. Romero, W. Galuba, S. Asur, B. A. Huberman, "Influence and passivity in social media", *Machine Learning and Knowledge Discovery in Databases - European Conference, ECML PKDD 2011*, 18-33.
149. X. Song, L. Nie, L. Zhang, M. Liu, T. Chua, "Interest inference via structure-constrained multi-source multi-task learning", In *Proceedings of the IJCAI*, 2015, 2371-2377.
150. T. Wang, H. Liu, J. He, X. Du, "Mining user interests from information sharing behaviors in social media", *Advances in knowledge discovery and data mining (PAKDD '13)*, 2013, 85-98.
151. R. Lichtenwalter, N.V. Chawla, "Lpmade: Link prediction made easy", In *Journal of Machine Learning Research*, 12, 2489-2492, 2011.
152. A.P. Bradley, "The use of the area under the ROC curve in the evaluation of machine learning algorithms", *Pattern Recognition*, 30(7), 1145-1159, 1997.
153. M. Steyvers, P. Smyth, M. Rosen-Zvi, T.L. Griffiths, "Probabilistic author-topic models for information discovery", In *Proceedings of the tenth ACM SIGKDD international conference on knowledge discovery and data mining*, Seattle, Washington, USA, August 22-25, 2004, 306-315.
154. T.T. Vu, A. Willis, S.N. Tran, D. Song, "Temporal latent topic user profiles for search personalization", *ECIR*, Lecture Notes in Computer Science, 2015, 605-616.
155. G. Piao, J.G. Breslin, "Exploring dynamics and semantics of user interests for user modeling on twitter for link recommendations", In *Proceedings of the 12<sup>th</sup> International Conference on Semantic Systems*, 2016, 81-88.
156. Y. Liu, C. Kliman-Silver, A. Mislove, "The tweets they are a-changin: Evolution of twitter users and behavior" In *Proceedings of the eighth international conference on weblogs and social media*, ICWSM 2014, Ann Arbor, Michigan, USA, June 1-4, 2014, 305-314.
157. H. Fani, M. Bashari, F. Zarrinkalam, E. Bagheri, F. Al-Obeidat, "Stopword Detection for Streaming Content", In *European Conference on Information Retrieval*, 2018, 737-743.