# Yulan He

## List of Publications by Year
in descending order

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|---|---|---|---|
| 39 papers | 1,850 citations | 516710<br>16 h-index | 501196<br>28 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1528 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Embedding Refinement Framework for Targeted Aspect-Based Sentiment Analysis. IEEE Transactions on Affective Computing, 2023, 14, 279-293. | 8.3 | 11 |
| 2 | Code Structure–Guided Transformer for Source Code Summarization. ACM Transactions on Software Engineering and Methodology, 2023, 32, 1-32. | 6.0 | 8 |
| 3 | Multi Task Mutual Learning for Joint Sentiment Classification and Topic Detection. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1915-1927. | 5.7 | 18 |
| 4 | TRU-NET: a deep learning approach to high resolution prediction of rainfall. Machine Learning, 2021, 110, 2035-2062. | 5.4 | 33 |
| 5 | A mixed-methods ethnographic approach to participatory budgeting in Scotland. , 2021, , . |  | 1 |
| 6 | Understanding patient reviews with minimum supervision. Artificial Intelligence in Medicine, 2021, 120, 102160. | 6.5 | 2 |
| 7 | Approaches to Automated Detection of Cyberbullying: A Survey. IEEE Transactions on Affective Computing, 2020, 11, 3-24. | 8.3 | 103 |
| 8 | Storyline extraction from news articles with dynamic dependency. Intelligent Data Analysis, 2020, 24, 183-197. | 0.9 | 1 |
| 9 | A Neural Generative Model for Joint Learning Topics and Topic-Specific Word Embeddings. Transactions of the Association for Computational Linguistics, 2020, 8, 471-485. | 4.8 | 9 |
| 10 | Inferring user profiles in social media by joint modeling of text and networks. Science China Information Sciences, 2019, 62, 1. | 4.3 | 5 |
| 11 | What You Say and How You Say it: Joint Modeling of Topics and Discourse in Microblog Conversations. Transactions of the Association for Computational Linguistics, 2019, 7, 267-281. | 4.8 | 21 |
| 12 | Convolution-Based Neural Attention With Applications to Sentiment Classification. IEEE Access, 2019, 7, 27983-27992. | 4.2 | 53 |
| 13 | Characterizing and Predicting Early Reviewers for Effective Product Marketing on E-Commerce Websites. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2271-2284. | 5.7 | 22 |
| 14 | Position-aware deep multi-task learning for drug–drug interaction extraction. Artificial Intelligence in Medicine, 2018, 87, 1-8. | 6.5 | 58 |
| 15 | Weakly Supervised POS Tagging without Disambiguation. ACM Transactions on Asian and Low-Resource Language Information Processing, 2018, 17, 1-19. | 2.0 | 18 |
| 16 | Unsupervised event exploration from social text streams. Intelligent Data Analysis, 2017, 21, 849-866. | 0.9 | 6 |
| 17 | Intersubjectivity and Sentiment: From Language to Knowledge. , 2017, , 129-144. |  | 7 |
| 18 | Learning Task Specific Distributed Paragraph Representations Using a 2-tier Convolutional Neural Network. , 2017, , 161-170. |  | 0 |

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|---|---------|----|-----------| 
| 19 | Topic Extraction from Microblog Posts Using Conversation Structures. , 2017, , 419-437. | | 0 |
| 20 | A convolutional attentional neural network for sentiment classification. , 2017, , . | | 6 |
| 21 | EL_PSSM-RT: DNA-binding residue prediction by integrating ensemble learning with PSSM Relation Transformation. BMC Bioinformatics, 2017, 18, 379. | 2.6 | 24 |
| 22 | Stance Classification with Target-specific Neural Attention. , 2017, , . | | 78 |
| 23 | Handwritten and Machine-Printed Text Discrimination Using a Template Matching Approach. , 2016, , . | | 6 |
| 24 | Disease named entity recognition by combining conditional random fields and bidirectional recurrent neural networks. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw140. | 3.0 | 53 |
| 25 | PDNAsite: Identification of DNA-binding Site from Protein Sequence by Incorporating Spatial and Sequence Context. Scientific Reports, 2016, 6, 27653. | 3.3 | 12 |
| 26 | Connecting Social Media to E-Commerce: Cold-Start Product Recommendation Using Microblogging Information. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1147-1159. | 5.7 | 158 |
| 27 | Exploring demographic information in social media for product recommendation. Knowledge and Information Systems, 2016, 49, 61-89. | 3.2 | 52 |
| 28 | A computational approach to measuring the correlation between expertise and social media influence for celebrities on microblogs. World Wide Web, 2016, 19, 865-886. | 4.0 | 6 |
| 29 | Topic Extraction from Microblog Posts Using Conversation Structures. , 2016, , . | | 21 |
| 30 | Incorporating Social Role Theory into Topic Models for Social Media Content Analysis. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 1032-1044. | 5.7 | 24 |
| 31 | Semi-Supervised Learning of Statistical Models for Natural Language Understanding. Scientific World Journal, The, 2014, 2014, 1-11. | 2.1 | 8 |
| 32 | A computational approach to measuring the correlation between expertise and social media influence for celebrities on microblogs. , 2014, , . | | 1 |
| 33 | enDNA-Prot: Identification of DNA-Binding Proteins by Applying Ensemble Learning. BioMed Research International, 2014, 2014, 1-10. | 1.9 | 32 |
| 34 | Event trigger identification for biomedical events extraction using domain knowledge. Bioinformatics, 2014, 30, 1587-1594. | 4.1 | 57 |
| 35 | Biomedical Relation Extraction: From Binary to Complex. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-18. | 1.3 | 63 |
| 36 | Weakly Supervised Joint Sentiment-Topic Detection from Text. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1134-1145. | 5.7 | 231 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Biomedical events extraction using the hidden vector state model. Artificial Intelligence in Medicine, 2011, 53, 205-213. | 6.5 | 12 |
| 38 | Joint sentiment/topic model for sentiment analysis. , 2009, , . | | 619 |
| 39 | Hidden vector state model for hierarchical semantic parsing. , 0, , . | | 11 |