# Christopher C Yang

List of Publications by Year
in descending order

| 84 papers | 1,616 citations | 304368 22 h-index | 377514 34 g-index |
|---|---|---|---|
| 94 all docs | 94 docs citations | 94 times ranked | 1298 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | How are different sources of distraction associated with at-fault crashes among drivers of different age gender groups?. Accident Analysis and Prevention, 2022, 165, 106505. | 3.0 | 12 |
| 2 | Explainable Artificial Intelligence for Predictive Modeling in Healthcare. Journal of Healthcare Informatics Research, 2022, 6, 228-239. | 5.3 | 49 |
| 3 | Connectedness Based on Shared Engagement Predicts Remote Biochemically Verified Quit Status Within Smoking Cessation Treatment Groups on Facebook. Nicotine and Tobacco Research, 2021, 23, 71-76. | 1.4 | 9 |
| 4 | The Exchange of Informational Support in Online Health Communities at the Onset of the COVID-19 Pandemic: Content Analysis. Jmirx Med, 2021, 2, e27485. | 0.2 | 15 |
| 5 | What Are People Concerned About During the Pandemic? Detecting Evolving Topics about COVID-19 from Twitter. Journal of Healthcare Informatics Research, 2021, 5, 70-97. | 5.3 | 24 |
| 6 | Identifying Self-Management Support Needs for Pregnant Women With Opioid Misuse in Online Health Communities: Mixed Methods Analysis of Web Posts. Journal of Medical Internet Research, 2021, 23, e18296. | 2.1 | 12 |
| 7 | Topics and Sentiments of Public Concerns Regarding COVID-19 Vaccines: Social Media Trend Analysis. Journal of Medical Internet Research, 2021, 23, e30765. | 2.1 | 43 |
| 8 | Authors' Response to Peer Reviews of "The Exchange of Informational Support in Online Health Communities at the Onset of the COVID-19 Pandemic: Content Analysis". Jmirx Med, 2021, 2, e31329. | 0.2 | 0 |
| 9 | Determining the risk of driver-at-fault events associated with common distraction types using naturalistic driving data. Journal of Safety Research, 2021, 79, 45-50. | 1.7 | 6 |
| 10 | Information Exchange in Online Health Communities Discussing COVID-19. , 2021, , . |  | 0 |
| 11 | Motif discovery algorithms in static and temporal networks: A survey. Journal of Complex Networks, 2020, 8, . | 1.1 | 20 |
| 12 | Understanding The Social Support Exchange of a Pregnancy After Loss Online Support Group. , 2020, , . |  | 2 |
| 13 | Detecting Potential Adverse Drug Reactions of Preschool ADHD Treatment Using Health Consumer-Generated Content. , 2020, , . |  | 2 |
| 14 | Mining heterogeneous network for drug repositioning using phenotypic information extracted from social media and pharmaceutical databases. Artificial Intelligence in Medicine, 2019, 96, 80-92. | 3.8 | 16 |
| 15 | Enriching User Experience in Online Health Communities Through Thread Recommendations and Heterogeneous Information Network Mining. IEEE Transactions on Computational Social Systems, 2018, 5, 1049-1060. | 3.2 | 22 |
| 16 | Exploiting OHC Data with Tensor Decomposition for Off-Label Drug Use Detection. , 2018, , . |  | 2 |
| 17 | Mining heterogeneous networks with topological features constructed from patient-contributed content for pharmacovigilance. Artificial Intelligence in Medicine, 2018, 90, 42-52. | 3.8 | 6 |
| 18 | Drug Repositioning to Accelerate Drug Development Using Social Media Data: Computational Study on Parkinson Disease. Journal of Medical Internet Research, 2018, 20, e271. | 2.1 | 11 |

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|---|---------|----|-----------|
| 19 | User recommendation in healthcare social media by assessing user similarity in heterogeneous network. Artificial Intelligence in Medicine, 2017, 81, 63-77. | 3.8 | 40 |
| 20 | Post Classification and Recommendation for an Online Smoking Cessation Community. Lecture Notes in Social Networks, 2017, , 59-73. | 0.8 | 1 |
| 21 | Discovering Drug-Drug Interactions and Associated Adverse Drug Reactions with Triad Prediction in Heterogeneous Healthcare Networks. , 2016, , . | | 15 |
| 22 | Patterns of interaction within smoking cessation groups on Facebook: A social network analysis. , 2016, , . | | 1 |
| 23 | Breast Cancer Symptom Clusters Derived From Social Media and Research Study Data Using Improved $K$ -Medoid Clustering. IEEE Transactions on Computational Social Systems, 2016, 3, 63-74. | 3.2 | 22 |
| 24 | Measuring Health Information Dissemination and Identifying Target Interest Communities on Twitter: Methods Development and Case Study of the @SafetyMD Network. JMIR Research Protocols, 2016, 5, e50. | 0.5 | 9 |
| 25 | Exploiting Social Media with Tensor Decomposition for Pharmacovigilance. , 2015, , . | | 7 |
| 26 | Using content and network analysis to understand the social support exchange patterns and user behaviors of an online smoking cessation intervention program. Journal of the Association for Information Science and Technology, 2015, 66, 564-575. | 1.5 | 36 |
| 27 | Using Health-Consumer-Contributed Data to Detect Adverse Drug Reactions by Association Mining with Temporal Analysis. ACM Transactions on Intelligent Systems and Technology, 2015, 6, 1-27. | 2.9 | 30 |
| 28 | Intelligent healthcare informatics in big data era. Artificial Intelligence in Medicine, 2015, 65, 75-77. | 3.8 | 32 |
| 29 | Classifying User Intention and Social Support Types in Online Healthcare Discussions. , 2014, , . | | 6 |
| 30 | Postmarketing Drug Safety Surveillance Using Publicly Available Health-Consumer-Contributed Content in Social Media. ACM Transactions on Management Information Systems, 2014, 5, 1-21. | 2.1 | 51 |
| 31 | Informational support exchanges using different computer‐mediated communication formats in a social media alcoholism community. Journal of the Association for Information Science and Technology, 2014, 65, 37-52. | 1.5 | 50 |
| 32 | Exploiting poly-lingual documents for improving text categorization effectiveness. Decision Support Systems, 2014, 57, 64-76. | 3.5 | 6 |
| 33 | Identifying Features in Opinion Mining via Intrinsic and Extrinsic Domain Relevance. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 623-634. | 4.0 | 103 |
| 34 | Using Co-occurrence Analysis to Expand Consumer Health Vocabularies from Social Media Data. , 2013, , . | | 24 |
| 35 | Harnessing Social Media for Drug-Drug Interactions Detection. , 2013, , . | | 25 |
| 36 | Leveraging User Interest to Improve Thread Recommendation in Online Forum. , 2013, , . | | 3 |

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|---|---------|----|-----------|
| 37 | Social Support and Exchange Patterns in an Online Smoking Cessation Intervention Program. , 2013, , . | | 16 |
| 38 | Understanding the evolution of multiple scientific research domains using a content and network approach. Journal of the Association for Information Science and Technology, 2013, 64, 1065-1075. | 2.6 | 11 |
| 39 | TUT. , 2012, , . | | 20 |
| 40 | User Interest and Topic Detection for Personalized Recommendation. , 2012, , . | | 4 |
| 41 | MANAGING UNCERTAINTY IN WEB-BASED SOCIAL NETWORKS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2012, 20, 147-158. | 0.9 | 2 |
| 42 | Who disseminates academic library information on Twitter?. Proceedings of the American Society for Information Science and Technology, 2012, 49, 1-4. | 0.2 | 12 |
| 43 | The differences of user behavior between forum and Facebook for smoking cessation intervention. Proceedings of the American Society for Information Science and Technology, 2012, 49, 1-3. | 0.2 | 3 |
| 44 | Estimating User Influence in the MedHelp Social Network. IEEE Intelligent Systems, 2012, 27, 44-50. | 4.0 | 9 |
| 45 | A Comparative Study of Smoking Cessation Intervention Programs on Social Media. Lecture Notes in Computer Science, 2012, , 87-96. | 1.0 | 6 |
| 46 | A Study of Informational Support Exchanges in MedHelp Alcoholism Community. Lecture Notes in Computer Science, 2012, , 9-17. | 1.0 | 17 |
| 47 | Interaction Patterns of Nurturant Support Exchanged in Online Health Social Networking. Journal of Medical Internet Research, 2012, 14, e54. | 2.1 | 39 |
| 48 | Preserving privacy in social network integration with &#x03C4;-tolerance. , 2011, , . | | 4 |
| 49 | Cross-lingual text categorization: Conquering language boundaries in globalized environments. Information Processing and Management, 2011, 47, 786-804. | 5.4 | 6 |
| 50 | Dynamic Community Detection with Temporal Dirichlet Process. , 2011, , . | | 6 |
| 51 | A Study of Social Interactions in Online Health Communities. , 2011, , . | | 3 |
| 52 | Understanding what concerns consumers: a semantic approach to product feature extraction from consumer reviews. Information Systems and E-Business Management, 2010, 8, 149-167. | 2.2 | 90 |
| 53 | Retaining knowledge for document management: Category–tree integration by exploiting category relationships and hierarchical structures. Journal of the Association for Information Science and Technology, 2010, 61, 1313-1331. | 2.6 | 4 |
| 54 | Helping you to help me: Exploring supportive interaction in online health community. Proceedings of the American Society for Information Science and Technology, 2010, 47, 1-10. | 0.2 | 30 |

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|---|---------|----|-----------| 
| 55 | Generalizing terrorist social networks with K-nearest neighbor and edge betweeness for social network integration and privacy preservation. , 2010, , . | | 7 |
| 56 | Identifing influential users in an online healthcare social network. , 2010, , . | | 13 |
| 57 | Analysis of terrorist social networks with fractal views. Journal of Information Science, 2009, 35, 299-320. | 2.0 | 22 |
| 58 | Web site topicâ€hierarchy generation based on link structure. Journal of the Association for Information Science and Technology, 2009, 60, 495-508. | 2.6 | 10 |
| 59 | Discovering Event Evolution Graphs From News Corpora. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 850-863. | 3.4 | 94 |
| 60 | Hierarchical summarization of large documents. Journal of the Association for Information Science and Technology, 2008, 59, 887-902. | 2.6 | 27 |
| 61 | The shift towards multiâ€disciplinarity in information science. Journal of the Association for Information Science and Technology, 2008, 59, 2156-2170. | 2.6 | 36 |
| 62 | Cross-lingual thesaurus for multilingual knowledge management. Decision Support Systems, 2008, 45, 596-605. | 3.5 | 21 |
| 63 | A Latent Semantic Indexing-based approach to multilingual document clustering. Decision Support Systems, 2008, 45, 606-620. | 3.5 | 72 |
| 64 | Web searching in Chinese: A study of a search engine in Hong Kong. Journal of the Association for Information Science and Technology, 2007, 58, 1044-1054. | 2.6 | 26 |
| 65 | Introduction to the special topic section on mining Web resources for enhancing information retrieval. Journal of the Association for Information Science and Technology, 2007, 58, 1791-1792. | 2.6 | 0 |
| 66 | Mining Web data for Chinese segmentation. Journal of the Association for Information Science and Technology, 2007, 58, 1820-1837. | 2.6 | 8 |
| 67 | Mining related queries from Web search engine query logs using an improved association rule mining model. Journal of the Association for Information Science and Technology, 2007, 58, 1871-1883. | 2.6 | 23 |
| 68 | Introduction to the special topic section on multilingual information systems. Journal of the Association for Information Science and Technology, 2006, 57, 629-631. | 2.6 | 4 |
| 69 | Conceptual analysis of parallel corpus collected from the Web. Journal of the Association for Information Science and Technology, 2006, 57, 632-644. | 2.6 | 7 |
| 70 | The impact analysis of language differences on an automatic multilingual text summarization system. Journal of the Association for Information Science and Technology, 2006, 57, 684-696. | 2.6 | 3 |
| 71 | Automatic crosslingual thesaurus generated from the Hong Kong SAR Police Department Web corpus for crime analysis. Journal of the Association for Information Science and Technology, 2005, 56, 272-282. | 2.6 | 15 |
| 72 | A heuristic method based on a statistical approach for Chinese text segmentation. Journal of the Association for Information Science and Technology, 2005, 56, 1438-1447. | 2.6 | 18 |

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|---|---------|----|-----------|
| 73 | Extracting a website's content structure from its link structure. , 2005, , . | | 9 |
| 74 | Intelligent infomediary for web financial information. Decision Support Systems, 2004, 38, 65-80. | 3.5 | 15 |
| 75 | Building parallel corpora by automatic title alignment using length-based and text-based approaches. Information Processing and Management, 2004, 40, 939-955. | 5.4 | 17 |
| 76 | Searching the peer-to-peer networks: The community and their queries. Journal of the Association for Information Science and Technology, 2004, 55, 783-793. | 2.6 | 15 |
| 77 | Automatic generation of English/Chinese thesaurus based on a parallel corpus in laws. Journal of the Association for Information Science and Technology, 2003, 54, 671-682. | 2.6 | 25 |
| 78 | Automatic construction of English/Chinese parallel corpora. Journal of the Association for Information Science and Technology, 2003, 54, 730-742. | 2.6 | 50 |
| 79 | Optimum tolerance design using constraint networks and relative sensitivity ratio algorithm. Applied Artificial Intelligence, 2003, 17, 631-660. | 2.0 | 0 |
| 80 | AUTOMATED VISUAL INSPECTION: TECHNIQUES AND APPLICATIONS IN MANUFACTURING SYSTEMS. , 2003, , 207-235. | | 0 |
| 81 | A personal agent for Chinese financial news on the Web. Journal of the Association for Information Science and Technology, 2002, 53, 186-196. | 2.6 | 4 |
| 82 | Handling uncertainties of robot manipulators and active vision by constraint propagation. Journal of Field Robotics, 2002, 19, 427-441. | 0.7 | 0 |
| 83 | Optimized sensor placement for active visual inspection. Journal of Field Robotics, 2001, 18, 1-15. | 0.7 | 21 |
| 84 | Combination and boundary detection approaches on Chinese indexing. Journal of the Association for Information Science and Technology, 2000, 51, 340-351. | 1.2 | 30 |