

IEEE.org
More Sites

IEEE Xplore

IEEE-SA

IEEE Spectrum

SUBSCRIBE

SUBSCRIBE

Cart

Create Account

Personal Sign In



IEEE Xplore

Browse

My Settings

Help

Institutional Sign In

Institutional Sign In

All



ADVANCED SEARCH

Conferences > 2019 International Conference...

Network Centralization Analysis Approach in the Spread of Hoax News on Social Media

Publisher: IEEE

Cite This

Cite This

PDF

Dwi Fitri Brianna; Edi Surya Negara; Yesi Novaria Kunang All Authors

28
Full
Text Views

Export to
Collabratec

Alerts

Manage
Content Alerts

Add to
Citation Alerts

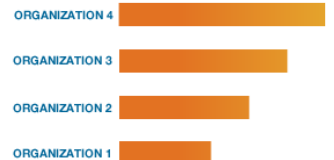
More Like This

Research on Information Dissemination of Public Health Events Based on WeChat: A Case Study of Avian Influenza
2019 IEEE International Conference on Intelligence and Security Informatics (ISI)
Published: 2019

Hybrid SN: Interlinking Opportunistic and Online Communities to Augment Information Dissemination
2012 9th International Conference on Ubiquitous Intelligence and Computing and 9th International Conference on Autonomic and Trusted Computing
Published: 2012

Show More

Top Organizations with Patents on Technologies Mentioned in This Article



Abstract

Document Sections

I. INTRODUCTION

II. LITERATURE REVIEW

III. PURPOSED METHOD

IV. RESULT AND DISCUSSION

V. CONCLUSION AND SUGGESTIONS

Downl
PDF

Abstract:The development of information technology in Indonesia seems to improve from year to year. It has an essential role in disseminating information to the community, includi...**View more**

Metadata

Authors

Figures

References

- Keywords
- Metrics
- More Like This

Abstract:
 The development of information technology in Indonesia seems to improve from year to year. It has an essential role in disseminating information to the community, including through a social media network is commonly known as Twitter. Some people use Twitter to spread news or information, but some others abuse it to spread fake news or irresponsible information (hoaxes). This study aims to see the patterns of interaction and the actors who play an essential role in the spread of hoax news on Twitter. The crawling of Twitter data uses Python 2.7, and the datasheet is then processed using the Social Network Analysis approach. It is later visualized using Gephi 0.9.2. Determination of the actors who play an essential role in the spread of hoax news is calculated based on centrality consisting of degree centrality, betweenness centrality, and closeness centrality. From several samples that have been tested using social network analysis methods and centrality calculations, have succeeded in identifying influential actors in hoax news dissemination on Twitter.

Published in: 2019 International Conference on Electrical Engineering and Computer Science (ICECOS) [Contents](#)

I. INTRODUCTION
Date of Conference: 2-3 Oct. 2019 **INSPEC Accession Number:** 19323277
 The development of information technology in Indonesia shows improvement from year to year. It has an essential role in disseminating information to the community, including through a social media network. **Date Added to IEEE Xplore:** 08 February 2020 **DOI:** 10.1109/ICECOS47637.2019.8984526
 Social media serve as a channel that help Publisher easily participate, ISBN Information content, including in blogs, social networks, and forums in the virtual world. **Conference Location:** Batam Island, Indonesia. **Sign in to Continue Reading**
 Based on "We Are Social" data from January 2017, social media users in Indonesia make up to 40.46% of the total population with 49% active Youtube users, 48% Facebook users and 38% Twitter users. Indonesia ranks high on the list of countries with most social media use, such as Twitter. It is a microblogging site ranking fifth in the world with 29 million users [1]. The activities of Twitter users in Indonesia contribute to this number.

- Authors** ▼
- Figures** ▼
- References** ▼
- Keywords** ▼
- Metrics** ▼

IEEE Personal Account	Purchase Details	Profile Information	Need Help?	Follow
CHANGE USERNAME/PASSWORD	PAYMENT OPTIONS	COMMUNICATIONS PREFERENCES	US & CANADA: +1 800 678 4333	
	VIEW PURCHASED DOCUMENTS	PROFESSION AND EDUCATION	WORLDWIDE: +1 732 981 0060	
		TECHNICAL INTERESTS	CONTACT & SUPPORT	

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies
 A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2020 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.

IEEE Account

- » Change Username/Password
- » Update Address

Purchase Details

- » Payment Options
- » Order History
- » View Purchased Documents

Profile Information

- » Communications Preferences
- » Profession and Education
- » Technical Interests

Need Help?

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » Contact & Support

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2020 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.

IEEE websites place cookies on your device to give you the best user experience. By using our websites, you agree to the placement of these cookies. To learn more, read our [Privacy Policy](#).

Accept & Close