

Web of Science



Search Search Results

Tools

Searches and alerts

Search History

Marked List

Export...

Add to Marked List

1 of 1

Review on Natural Language Processing (NLP) and Its Toolkits for Opinion Mining and Sentiment Analysis

By: Solangi, YA (Solangi, Yasir Ali)^[1]; Solangi, ZA (Solangi, Zulfiqar Ali)^[2]; Aarain, S (Aarain, Samreen)^[1]; Abro, A (Abro, Amna)^[1]; Mallah, GA (Mallah, Ghulam Ali)^[1]; Shah, A (Shah, Asadullah)^[3]

2018 5TH IEEE INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES AND APPLIED SCIENCES (IEEE ICETAS)

Book Group Author(s): IEEE

Published: 2018

Document Type: Proceedings Paper

Conference

Conference: 5th IEEE International Conference on Engineering Technologies and Applied Sciences (IEEE ICETAS)

Location: Bangkok, THAILAND

Date: NOV 22-23, 2018

Sponsor(s): IEEE; IEEE IUUM Student Branch; ETSS Management

Abstract

As the majority of online networking on the Internet, opinion mining has turned into a fundamental way to deal with investigating such huge numbers of information. Different applications show up in an extensive variety of modern areas. In the interim, opinions have various pronunciations which bring along investigate challenges. The research challenges make opinion mining a dynamic research region recently. In this paper, Natural Language Processing (NLP) techniques for opinion mining and sentiment analysis are reviewed. Initially NLP is reviewed then briefed about its common and useful preprocessing steps also. In this paper opinion mining for various levels are analyzed and reviewed. At the end issues are identified and some recommendation are suggested for opinion mining and-sentiment-analysis.

Keywords

Author Keywords: natural language processing; NLP; Opinion mining; sentiment analysis; toolkits

Author Information

Reprint Address: Solangi, YA (reprint author)

+ Shah Abdul Latif Univ, Khairpur, Pakistan.

Addresses:

+ [1] Shah Abdul Latif Univ, Khairpur, Pakistan

[2] Coll & Inst Sect Royal Commiss Jubail Saudi Arabi, Jubail Ind City, Saudi Arabia

[3] Int Islamic Univ, Kuliyah Informat & Commun Technol, Islamabad, Pakistan

E-mail Addresses: yasir_solangi@yahoo.com; zulfu@hotmail.com; arainsam08@gmail.com; abroamna5@gmail.com; Ghulam.ali@salu.edu.pk

Publisher

IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA

Categories / Classification

Research Areas: Computer Science; Engineering

Web of Science Categories: Computer Science, Theory & Methods; Engineering, Electrical & Electronic

[See more data fields](#)

Citation Network

In Web of Science Core Collection

0

Times Cited

Create Citation Alert

11

Cited References

[View Related Records](#)

Use in Web of Science

Web of Science Usage Count

0

Last 180 Days

0

Since 2013

[Learn more](#)

This record is from:

Web of Science Core Collection

- Conference Proceedings Citation Index-Science

[Suggest a correction](#)

If you would like to improve the quality of the data in this record, please [suggest a correction](#).

1 of 1

Cited References: 11

Showing 11 of 11 [View All in Cited References page](#)

(from Web of Science Core Collection)

1. **[Remote Access of SCADA with Online Video Streaming](#)** Times Cited: 2
 By: Ahmed, Syed Faiz; Desa, Hazry; Azim, Fahad; et al.
 PROCEEDINGS OF THE 2013 8TH INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE & EDUCATION (ICCSE 2013) Pages: 270-274 Published: 2013

2. **[Ltp: a chinese language technology platform](#)** Times Cited: 104
 By: Che, W.; Li, Z.; Liu, T.
 P 23 INT C COMP LING Pages: 13-16 Published: 2010

3. **[IQS- Intelligent Querying System using Natural Language Processing](#)** Times Cited: 1
 By: Gupta, Prashant; Goswami, Aman; Koul, Sahil; et al.
 2017 INTERNATIONAL CONFERENCE OF ELECTRONICS, COMMUNICATION AND AEROSPACE TECHNOLOGY (ICECA), VOL 2 Pages: 410-413 Published: 2017

4. Title: [not available] Times Cited: 241
 By: Lafferty, J.; McCallum, A.; Pereira, F. C.
 Conditional random fields: Probabilistic models for segmenting and labeling sequence data Published: 2001

5. Title: [not available] Times Cited: 9
 By: Rehurek, R.; Sojka, P.
 Software framework for topic modelling with large corpora Published: 2010

6. Title: [not available] Times Cited: 1
 By: Sea, C.
 Australia Pages: 15-21 Published: April 2013

7. **[Recursive deep models for semantic compositionality over a sentiment treebank](#)** Times Cited: 318
 By: Socher, R.; Perelygin, A.; Wu, J. Y.; et al.
 EMNLP Volume: 2013 Pages: 1631-1642 Published: 2013
[\[Show additional data\]](#)

8. **[Social Commerce in e-business of Pakistan : Opportunities, Challenges and Solutions](#)** Times Cited: 1
 By: Solangi, Y. A.; Solangi, Z.; Raza, A.; et al.
 INT C INF COMM TECHN Published: 2018
[\[Show additional data\]](#)

9. **[A review of natural language processing techniques for opinion mining systems](#)** Times Cited: 42
 By: Sun, Shiliang; Luo, Chen; Chen, Junyu
 INFORMATION FUSION Volume: 36 Pages: 10-25 Published: JUL 2017

10. **[An Effective Hybrid Model for Opinion Mining and Sentiment Analysis](#)** Times Cited: 2
 By: Yang, Kai; Cai, Yi; Huang, Dongping; et al.
 2017 IEEE INTERNATIONAL CONFERENCE ON BIG DATA AND SMART COMPUTING (BIGCOMP) Book Series: International Conference on Big Data and Smart Computing Pages: 465-466 Published: 2017

11. **[Niuparser: A chinese syntactic and semantic parsing toolkit](#)** Times Cited: 6
 By: Zhu, J.; Zhu, M.; Wang, Q.; et al.
 P 53 ANN M ASS COMP Pages: 145-150 Published: 2015
 Online Available
 URL: <http://aclweb.org/anthology/P/P15/P15-4025.pdf>
[\[Show additional data\]](#)

Showing 11 of 11 [View All in Cited References page](#)