

[DOI: 10.20472/IAC.2018.040.058](https://doi.org/10.20472/IAC.2018.040.058)

CHANG-KYO SUH

Kyungpook National University, Korea, Republic of

RESEARCH TREND ANALYSIS FOR SUPPLY CHAIN MANAGEMENT USING TOPIC MODELING

Abstract:

The aim of this study is to analyze the research trend for supply chain management(SCM). The supply chain management is a cross-disciplinary research field and challenges to research SCM are increasing due to the rapid development of information system.

Topic modeling analyzes the words of the original texts to discover the topics and latent Dirichlet allocation(LDA) groups research papers in several relevant topics and finds the hidden topics in the literature. We collected research papers on the SCM from following scientific database: ACM Digital Library, EBSCO, IEEE Xplore, ScienceDirect, Scopus, Springer Link, and Web of Science. Among them we analyze the abstract of the papers and identify the topic trends in the field of SCM. The major findings will be discussed in the Conference in details.

Keywords:

Supply chain management, topic modeling, research trends, latent Dirichlet allocation

JEL Classification: M10, M11