

07_02_2023

Getting back on track

The following is a summary of the activities that have been conducted since the beginning of the project

1. The focus of the work was defined, together with an initial set of (four) **research questions**, a **time period** for the gathered research (2017-2022), a set of **ranking systems** to evaluate the selected conferences and journals (CORE, GGS and Scimago).
 2. A set of (five) literature **repositories** was selected and three queries were issued in order to gather a set of relevant venues.
 3. The query results were analysed and the CORE, GGS & Scimago rankings were used as a starting point for the selection of **23 journals and 12 conferences**.
 4. A single **query** was chosen to search for relevant work on the selected venues. Additionally, the query was further refined with the addition of a proximity operator:

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"topic label*" OR ("topic model*" AND ("label*" NEAR "topic*"))
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 5. An initial set of 424 papers was obtained.
 6. A set of strict **exclusion criteria** related to the gathered work's content and format was established and applied to filter the obtained results. This process allows for the selection of an initial set of **65 papers**
 7. From this initial selection, a **reference extraction** process is performed and the activity of **backward snowballing** is commenced. The obtained papers are filtered using the proposed query and manually inspected to establish relevance.
 8. An additional set of **27 papers** is selected from the backward snowballing process.
 9. In a similar fashion, incoming **citations** are collected in order to gather additional (relevant) work in the context of a **forward snowballing phase**.
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Results of forward snowballing

After having obtained the relevant (outgoing) references from the selected set of papers following the backward snowballing activity described in the previous section, the similar process of forward snowballing was carried out in order to capture relevant work from incoming citations.

The process follows a similar set of steps as the ones described for backward snowballing, with the two major differences being:

- The fact that an external repository (SemanticScholar) is used to obtain the citations since, unlike references, they cannot be extracted directly from the papers at hand.
- No filtering step based on publication time needs to be applied (since all citation will inherently respect the imposed time constraints).

Initial results

Executing forward snowballing on the set of 65 initially selected papers resulted in **1147** extracted citations. Once again, the query (and proximity operator) are applied to the extracted citation. This generates a set of **372** items (603 without the proximity operator) to which the inclusion/exclusion criteria need to be applied to.

(Previously) non-retrievable papers

The 13 papers that were originally not retrievable using conventional means are manually inspected and the following three publications are found to be relevant:

- Journal of Computer Information Systems: Intellectual and Conceptual Structure
 - JOURNAL OF COMPUTER INFORMATION SYSTEMS
- Discovering the evolution of artificial intelligence in cancer research using dynamic topic modeling
 - COLLNET Journal of Scientometrics and Information Management
- Analysis of employee perception of employer brand: a comparative study across business cycles using structural topic modelling
 - JOURNAL OF BUSINESS ANALYTICS

Forward snowballing selection (Selected 61 out of 372)

- Automatic Topic Labeling model with Paired- Attention based on Pre-trained Deep Neural Network
- TLATR: Automatic Topic Labeling Using Automatic (Domain-Specific) Term Recognition
- Principled Analysis of Energy Discourse across Domains with Thesaurus-based Automatic Topic Labeling
- Moving beyond word lists: towards abstractive topic labels for human-like topics of scientific documents
- Automatic topic labeling using graph-based pre-trained neural embedding
- A Semi-automated Approach for Identification of Trends in Android Ransomware Literature
- Job satisfaction and employee turnover determinants in high contact services: Insights from Employees'Online reviews
- Harnessing the "Wisdom of Employees" from Online Reviews
- The informational value of employee online reviews

- Understanding Research Trends in Android Malware Research Using Information Modelling Techniques
- Exploring the links between research demand and supply: The case of Chagas
- Finding Scientific Topics in Continuously Growing Text Corpora
- The Legitimacy of Wind Power in Germany
- Mining quality determinants of product-service systems from user-generated contents
- What matters most to patients? On the Core Determinants of Patient Experience from Free Text Feedback
- Knowledge Source Rankings for Semi-Supervised Topic Modeling
- Automatic Labeling of Topic Models Using Graph-Based Ranking
- Identifying Major Research Areas and Minor Research Themes of Android Malware Analysis and Detection Field Using LSA
- On-Demand Recent Personal Tweets Summarization on Mobile Devices
- A topic-based patent analytics approach for exploring technological trends in smart manufacturing
- Modeling the public attitude towards organic foods: a big data and text mining approach
- Understanding Airline Passengers during Covid-19 Outbreak to Improve Service Quality: Topic Modeling Approach to Complaints with Latent Dirichlet Allocation Algorithm
- The Voice of Drug Consumers: Online Textual Review Analysis Using Structural Topic Model
- Analyzing genderless fashion trends of consumers' perceptions on social media: using unstructured big data analysis through Latent Dirichlet Allocation-based topic modeling
- Topic modelling for theme park online reviews: analysis of Disneyland
- What we talk about when we talk about EEMs: using text mining and topic modeling to understand building energy efficiency measures (1836-RP)
- Revealing industry challenge and business response to Covid-19: a text mining approach
- The use of citation context to detect the evolution of research topics: a large-scale analysis
- A Structural Topic Modeling-Based Bibliometric Study of Sentiment Analysis Literature
- Identification of topic evolution: network analytics with piecewise linear representation and word embedding
- Topics and Sentiments of Public Concerns Regarding COVID-19 Vaccines: Social Media Trend Analysis
- Exposing Emerging Trends in Smart Sustainable City Research Using Deep Autoencoders-Based Fuzzy C-Means

- Exploring Sources of Satisfaction and Dissatisfaction in Airbnb Accommodation Using Unsupervised and Supervised Topic Modeling
- Quality 4.0: big data analytics to explore service quality attributes and their relation to user sentiment in Airbnb reviews
- A Computational Analysis of News Media Bias: A South African Case Study
- Topic evolution, disruption and resilience in early COVID-19 research
- A high-resolution temporal and geospatial content analysis of Twitter posts related to the COVID-19 pandemic
- An Analysis of Programming Course Evaluations Before and After the Introduction of an Autograder
- Understanding Anonymous Social Media Posts using Topic Modeling
- Customer expectations in the hotel industry during the COVID-19 pandemic: a global perspective using sentiment analysis
- Exploring the Development of Research, Technology and Business of Machine Tool Domain in New-Generation Information Technology Environment Based on Machine Learning
- Value creation in emerging technologies through text mining: the case of blockchain
- Detecting latent topics and trends in educational technologies over four decades using structural topic modeling: A retrospective of all volumes of Computers & Education
- Employing structural topic modelling to explore perceived service quality attributes in Airbnb accommodation
- Understanding the temporal evolution of COVID-19 research through machine learning and natural language processing
- Online food delivery companies' performance and consumers expectations during Covid-19: An investigation using machine learning approach
- A Decade of Sentic Computing: Topic Modeling and Bibliometric Analysis
- Where Does LDA Sit for GitHub?
- Selecting the appropriate leading journal in Hospitality and Tourism research: a guide based on the topic-journal fit and the JCR impact factor
- Sentiment analysis researches story narrated by topic modeling approach
- Open data visualizations and analytics as tools for policy-making
- Exploring the nexus between food and veg*n lifestyle via text mining-based online community analytics
- Listen to E-scooter riders: Mining rider satisfaction factors from app store reviews
- Construction Disputes and Associated Contractual Knowledge Discovery Using Unstructured Text-Heavy Data: Legal Cases in the United Kingdom
- Scientometric analysis of the term 'microbiota' in research publications (1999-2017): a second youth of a century-old concept

- A text-based monitoring tool for the legitimacy and guidance of technological innovation systems
- Understanding music streaming services via text mining of online customer reviews
- Problematic mobile phone use among youth athletes: a topic modelling approach
- Journal of Computer Information Systems: Intellectual and Conceptual Structure
- Discovering the evolution of artificial intelligence in cancer research using dynamic topic modeling
- Analysis of employee perception of employer brand: a comparative study across business cycles using structural topic modelling
- Transfer Topic Labeling with Domain-Specific Knowledge Base: An Analysis of UK House of Commons Speeches 1935-2014

Additionally, the following 18 papers that were already part of the initial selection of publications were retrieved once again following the forward snowballing procedure. Finally, one (1) papers had already been selected during the backwards snowballing phase.

F.S. venues

The following is the list of previously unexplored venues to which the work selected by the forward snowballing task belongs to:

Conferences

- Asia-Pacific Chapter of the Association for Computational Linguistics and the 12th International Joint Conference on Natural Language Processing (AACL-IJCNLP)
- International Joint Conference on Neural Networks (IJCNN)
- International Conference on Information Systems (ICIS)
- Annual Workshop of the Australasian Language Technology Association (ALTA)
- Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT)
- Conference on Information Technology Based Higher Education and Training (ITHET)
- Machine Learning for Networking (MLN)
- Scholarly Document Processing (SDP)
- International Conference on Automated Software Engineering Workshop (ASEW)
- International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM)

Journals

- Tourism Management
- Computers & Education

- Annals of Tourism Research
- European Journal of Operational Research
- International Journal of Hospitality Management
- International Journal of Contemporary Hospitality Management
- Government Information Quarterly
- Journal of Medical Internet Research
- Transportation Research, Part D: Transport and Environment
- Journal of Travel & Tourism Marketing
- Journal of Retailing and Consumer Services
- Journal of Big Data
- Journal of Manufacturing Technology Management
- Neurocomputing
- Cognitive Computation
- Food Quality and Preference
- Journal of the Association for Information Science and Technology
- Electronic Commerce Research and Applications
- Scientometrics
- Frontiers in Psychology
- FEMS Microbiology Letters
- International Journal of Environmental Research and Public Health
- Tourism Recreation Research
- Quality Engineering
- International Journal of Sport and Exercise Psychology
- Computers, Materials and Continua
- Technology Analysis & Strategic Management
- IEEE Access
- Technology in Society
- Sustainability
- Transportation Research Record
- Science and Technology for the Built Environment
- Complexity
- Fashion and Textiles
- Information
- Journal of Computational Social Science
- Social Sciences & Humanities Open
- SSRN Electronic Journal
- JOURNAL OF COMPUTER INFORMATION SYSTEMS
- COLLNET Journal of Scientometrics and Information Management
- JOURNAL OF BUSINESS ANALYTICS

- Research & Politics

Imposing a quality constraint on the forward snowballing venues

When carrying out the backward snowballing phase, a subsequent check on the quality of the collected papers was not deemed necessary due to the fact that, in a general sense, it was assumed that the quality constraints imposed on the work from which the references were taken from would carry over to the newly collected set.

In this context, the same reasoning could not be applied to the collection stemming from the forward snowballing phase.

Because of this reason, upon completion of the F.S. phase it has been decided to carry out a **quality-based analysis** similar to the one proposed for the initial selection.

In the context, the interested journals have been extracted and sorted based on the presented **SJR Score** (averaged from 2017 to 2021) and the sorted list has been divided into (quality-related) quartiles.

	Journals	Count	AVG SJR 17-21	Paper count
Q1	Tourism Management	1	3,146	1
	Computers & Education	1	2,94	2
	Annals of Tourism Research	1	2,395	3
	European Journal of Operational Research	1	2,304	4
	International Journal of Hospitality Management	2	2,215	6
	International Journal of Contemporary Hospitality Management	1	1,974	7
	Government Information Quarterly	1	1,841	8
	Research and Politics	1	1,829	9
	Journal of Medical Internet Research	1	1,645	10
	Transportation Research, Part D: Transport and Environment	1	1,61	11
	Journal of Travel & Tourism Marketing	1	1,555	12
	Journal of Retailing and Consumer Services	1	1,518	13
	Journal of Big Data	1	1,363	14
Q2	Journal of Manufacturing Technology Management	1	1,236	15
	Neurocomputing	1	1,198	16
	Cognitive Computation	2	1,191	18
	Food Quality and Preference	1	1,19	19
	Journal of the Association for Information Science and Technology	1	1,155	20
	Electronic Commerce Research and Applications	1	1,136	21
	Scientometrics	5	1,075	26
Q3	Frontiers in Psychology	1	0,955	27
	FEMS Microbiology Letters	1	0,803	28
	International Journal of Environmental Research and Public Health	1	0,771	29
	Tourism Recreation Research	1	0,748	30
	Quality Engineering	1	0,742	31
	International Journal of Sport and Exercise Psychology	1	0,722	32
	Computers, Materials and Continua	1	0,707	33
	Technology Analysis & Strategic Management	1	0,69	34
	IEEE Access	2	0,689	36
	Technology in Society	1	0,676	37
	Journal of Computer Information System	1	0,656	38
	Sustainability	3	0,602	41
	Transportation Research Record	1	0,573	42
	Science and Technology for the Built Environment	1	0,539	43
Q4	Complexity	1	0,497	44
	Journal of Business Analytics	1	0,434	45
	Fashion and Textiles	1	0,375	46
	Information	1	0,354	47
	Journal of Computational Social Science	1	UNRANKED	48
UNR	Social Sciences & Humanities Open	1	UNRANKED	49
	SSRN Electronic Journal	1	UNRANKED	50
	COLLNET Journal of Scientometrics and Information Management	1	UNRANKED	51

The same approach was meant to be employed for the interested conferences (using the correspondent CORE GGS ratings). Unfortunately, most of the conferences appearing in the F.S. were listed as “Unranked” (or as “Work in Progress”) in the CORE / GGS database. Nonetheless, the resulting conferences ranking is presented as follows:

Conferences	Count	CORE	GGS Rating	Paper count
Asia-Pacific Chapter of the Association for Computational Linguistics and the 12th International Joint Conference on Natural Language Processing (AACL-IJCNLP)	1	B	A-	1
International Joint Conference on Neural Networks (IJCNN)	1	B	A-	2
International Conference on Information Systems (ICIS)	1	C	A-	3
Annual Workshop of the Australasian Language Technology Association (ALTA)	1	Australasian B	Work in Progress	4
Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT)	1	UNRANKED	Work in Progress	5
Conference on Information Technology Based Higher Education and Training (ITHET)	1	UNRANKED	Work in Progress	6
Machine Learning for Networking (MLN)	1	UNRANKED	UNRANKED	7
Scholarly Document Processing (SDP)	1	UNRANKED	UNRANKED	8
International Conference on Automated Software Engineering Workshop (ASEW)	1	UNRANKED	UNRANKED	9
International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM)	1	UNRANKED	UNRANKED	10

Notice that the **Australasian (B)** rating found for the ALTA conference is defined in the CORE website as representing: “...a conference for which the audience is primarily Australians and New Zealanders (these may be Australasian B or Australasian C)”. Additionally, notice that ICIS has been positioned higher in the ranking than the ALTA conference because it also presents a formal evaluation provided in the form of a GGS

rating, which is instead missing for ALTA.

The previously selected papers, re-organised by venue ranking and divided between journals and conferences are presented as follows:

Paper	Journal
Q1 Job satisfaction and employee turnover determinants in high contact services: Insights from Employees'Online reviews	Tourism Management
Detecting latent topics and trends in educational technologies over four decades using structural topic modeling: A retrospective of all volumes of Computers & Education	Computers & Education
Harnessing the "Wisdom of Employees" from Online Reviews	Annals of Tourism Research
The informational value of employee online reviews	European Journal of Operational Research
Quality 4.0: big data analytics to explore service quality attributes and their relation to user sentiment in Airbnb reviews	International Journal of Hospitality Management
Employing structural topic modelling to explore perceived service quality attributes in Airbnb accommodation	International Journal of Hospitality Management
Revealing industry challenge and business response to Covid-19: a text mining approach	International Journal of Contemporary Hospitality Management
Open data visualizations and analytics as tools for policy-making	Government Information Quarterly
Transfer Topic Labeling with Domain-Specific Knowledge Base: An Analysis of UK House of Commons Speeches 1935–2014	Research & Politics
Topics and Sentiments of Public Concerns Regarding COVID-19 Vaccines: Social Media Trend Analysis	Journal of Medical Internet Research
Listen to E-scooter riders: Mining rider satisfaction factors from app store reviews	Transportation Research Part D
Topic modelling for theme park online reviews: analysis of Disneyland	Journal of Travel & Tourism Marketing
Online food delivery companies' performance and consumers expectations during Covid-19: An investigation using machine learning approach	Journal of Retailing and Consumer Services
Modeling the public attitude towards organic foods: a big data and text mining approach	Journal of Big Data
Q2 A topic-based patent analytics approach for exploring technological trends in smart manufacturing	Journal of Manufacturing Technology Management
Automatic topic labeling using graph-based pre-trained neural embedding	Neurocomputing
A Structural Topic Modeling-Based Bibliometric Study of Sentiment Analysis Literature	Cognitive Computation
A Decade of Sentic Computing: Topic Modeling and Bibliometric Analysis	Cognitive Computation
Exploring the nexus between food and veg*n lifestyle via text mining-based online community analytics	Food Quality and Preference
On-Demand Recent Personal Tweets Summarization on Mobile Devices	Journal of the Association for Information Science and Technology
Understanding music streaming services via text mining of online customer reviews	Electronic Commerce Research and Applications
The use of citation context to detect the evolution of research topics: a large-scale analysis	Scientometrics
Identification of topic evolution: network analytics with piecewise linear representation and word embedding	Scientometrics
Topic evolution, disruption and resilience in early COVID-19 research	Scientometrics
Understanding the temporal evolution of COVID-19 research through machine learning and natural language processing	Scientometrics
Selecting the appropriate leading journal in Hospitality and Tourism research: a guide based on the topic-journal fit and the JCR impact factor	Scientometrics
Q3 Exploring Sources of Satisfaction and Dissatisfaction in Airbnb Accommodation Using Unsupervised and Supervised Topic Modeling	Frontiers in Psychology
Scientometric analysis of the term "microbiota" in research publications (1999–2017): a second youth of a century-old concept	FEMS Microbiology Letters
The Voice of Drug Consumers: Online Textual Review Analysis Using Structural Topic Model	International Journal of Environmental Research and Public Health
Customer expectations in the hotel industry during the COVID-19 pandemic: a global perspective using sentiment analysis	Tourism Recreation Research
Mining quality determinants of product-service systems from user-generated contents	Quality Engineering
Problematic mobile phone use among youth athletes: a topic modelling approach	International Journal of Sport and Exercise Psychology
Understanding Research Trends in Android Malware Research Using Information Modelling Techniques	Computers, Materials and Continua
Value creation in emerging technologies through text mining: the case of blockchain	Technology Analysis & Strategic Management
TLATR: Automatic Topic Labeling Using Automatic (Domain-Specific) Term Recognition	IEEE Access
Automatic Labeling of Topic Models Using Graph-Based Ranking	IEEE Access
A text-based monitoring tool for the legitimacy and guidance of technological innovation systems	Technology in Society
Journal of Computer Information Systems: Intellectual and Conceptual Structure	Journal of Computer Information System
Q4 Exposing Emerging Trends in Smart Sustainable City Research Using Deep Autoencoders-Based Fuzzy C-Means	Sustainability
Exploring the Development of Research, Technology and Business of Machine Tool Domain in New-Generation Information Technology Environment Based on Machine Learning	Sustainability
Construction Disputes and Associated Contractual Knowledge Discovery Using Unstructured Text-Heavy Data: Legal Cases in the United Kingdom	Sustainability
Understanding Airline Passengers during Covid-19 Outbreak to Improve Service Quality: Topic Modeling Approach to Complaints with Latent Dirichlet Allocation Algorithm	Transportation Research Record
What we talk about when we talk about EEMs: using text mining and topic modeling to understand building energy efficiency measures (1836-RP)	Science and Technology for the Built Environment
Identifying Major Research Areas and Minor Research Themes of Android Malware Analysis and Detection Field Using LDA	Complexity
Analysis of employee perception of employer brand: a comparative study across business cycles using structural topic modelling	Journal of Business Analytics
Analyzing genderless fashion trends of consumers' perceptions on social media: using unstructured big data analysis through Latent Dirichlet Allocation-based topic modeling	Fashion and Textiles
Knowledge Source Rankings for Semi-Supervised Topic Modeling	Information
UNR A high-resolution temporal and geospatial content analysis of Twitter posts related to the COVID-19 pandemic	Journal of Computational Social Science
Sentiment analysis researches story narrated by topic modeling approach	Social Sciences & Humanities Open
Exploring the links between research demand and supply: The case of Chagas	SSRN Electronic Journal
Discovering the evolution of artificial intelligence in cancer research using dynamic topic modeling	COLLNET Journal of Scientometrics and Information Management

Paper	Conference
B/A- Moving beyond word lists: towards abstractive topic labels for human-like topics of scientific documents	AAACL-IJCNLP
C/A- Automatic Topic Labeling model with Paired- Attention based on Pre-trained Deep Neural Network	IJCNN
What matters most to patients? On the Core Determinants of Patient Experience from Free Text Feedback	ICIS
A. B Principled Analysis of Energy Discourse across Domains with Thesaurus-based Automatic Topic Labeling	ALTA
UNR A Computational Analysis of News Media Bias: A South African Case Study	SAICSIT
An Analysis of Programming Course Evaluations Before and After the Introduction of an Autograder	ITHET
A Semi-automated Approach for Identification of Trends in Android Ransomware Literature	MLN
Finding Scientific Topics in Continuously Growing Text Corpora	SDP
Where Does LDA Sit for GitHub?	ASEW
Understanding Anonymous Social Media Posts using Topic Modeling	HNICEM

The presented list shows a total of 6 papers that have been **highlighted** due to their topical relevance.

Said topical relevance has been determined during the initial papers' inspection and fundamentally signifies that the interested papers present content that is especially relevant for the presented review.

Starting from this initial sorting, a **subset** is of the original 60 papers is proposed by:

1. Considering only the work belonging to the **journals** found in the quartiles **Q1-Q2**.
 - Q1 and Q2 contain only journals with average SJR scores **above 1**
 - Additionally, **IEEE Access** (which contains two of the highlighted papers) is added to the list of selected journals
2. Selecting those papers belonging to journals having **at least one (CORE or GGS) rating**.

This selection leads to a new set containing a total of **32 publications**:

Paper	Journal
Q1	Job satisfaction and employee turnover determinants in high contact services: Insights from Employees'Online reviews
	Tourism Management
	Detecting latent topics and trends in educational technologies over four decades using structural topic modeling: A retrospective of all volumes of Computers & Education
	Computers & Education
	Harnessing the "Wisdom of Employees" from Online Reviews
	Annals of Tourism Research
	The informational value of employee online reviews
	European Journal of Operational Research
	Quality 4.0: big data analytics to explore service quality attributes and their relation to user sentiment in Airbnb reviews
	International Journal of Hospitality Management
	Employing structural topic modelling to explore perceived service quality attributes in Airbnb accommodation
	International Journal of Hospitality Management
	Revealing industry challenge and business response to Covid-19: a text mining approach
	International Journal of Contemporary Hospitality Management
	Open data visualizations and analytics as tools for policy-making
Q2	Government Information Quarterly
	Research & Politics
	Transfer Topic Labeling with Domain-Specific Knowledge Base: An Analysis of UK House of Commons Speeches 1935–2014
	Journal of Medical Internet Research
	Topics and Sentiments of Public Concerns Regarding COVID-19 Vaccines: Social Media Trend Analysis
	Transportation Research Part D
	Listen to E-scooter riders: Mining rider satisfaction factors from app store reviews
	Journal of Travel & Tourism Marketing
	Topic modelling for theme park online reviews: analysis of Disneyland
	Journal of Retailing and Consumer Services
	Online food delivery companies' performance and consumers expectations during Covid-19: An investigation using machine learning approach
	Journal of Big Data
	Modelling the public attitude towards organic foods: a big data and text mining approach
	Journal of Manufacturing Technology Management
	A topic-based patent analytics approach for exploring technological trends in smart manufacturing
	Neurocomputing
	Automatic topic labeling using graph-based pre-trained neural embedding
	Cognitive Computation
	A Structural Topic Modeling-Based Bibliometric Study of Sentiment Analysis Literature
	Cognitive Computation
	A Decade of Sentic Computing: Topic Modeling and Bibliometric Analysis
	Food Quality and Preference
	Exploring the nexus between food and veg*n lifestyle via text mining-based online community analytics
	Journal of the Association for Information Science and Technology
	On-Demand Recent Personal Tweets Summarization on Mobile Devices
	Electronic Commerce Research and Applications
	Understanding music streaming services via text mining of online customer reviews
	Scientometrics
	The use of citation context to detect the evolution of research topics: a large-scale analysis
	Scientometrics
	Identification of topic evolution: network analytics with piecewise linear representation and word embedding
	Scientometrics
	Topic evolution, disruption and resilience in early COVID-19 research
	Scientometrics
	Understanding the temporal evolution of COVID-19 research through machine learning and natural language processing
	Scientometrics
	Selecting the appropriate leading journal in Hospitality and Tourism research: a guide based on the topic-journal fit and the JCR impact factor
	Scientometrics
	TLATR: Automatic Topic Labeling Using Automatic (Domain-Specific) Term Recognition
	IEEE Access
	Automatic Labeling of Topic Models Using Graph-Based Ranking
	IEEE Access

#Thesis/Weekly notes#