

SNAPSHOTS OF DEMO

Sample Query

🔍 Word-level text generation process for SMS messages by considering graphemic/phonetic abbreviations and unintentional typos as hidden Markov model (HMM)

Type of Algorithm

BM25

Variation

Equal Weight

☐ Query Expansion

☐ Spell Correction

Investigation and modeling of the structure of texting language

DocId: 4389622

Abstract: Language usage over computer mediated discourses, like chats, emails and SMS texts, significantly di..... [Read More](#)

No. Of Citations: 18 | [View Citation Contexts](#)

Conference:

Journal: International Journal on Document Analysis and Recognition - IJDAR[5], vol. 10, no. 3-4, pp. 157-174

Authors: Monojit Choudhury[1742033],Rahul Saraf[3228973],Vijit Jain[3672526],Animesh Mukherjee[3511423],Sudeshna Sarkar[30312],Anupam Basu[2240472],

Year: 2007

Relevance Score: 62.86304997689959

Unsupervised learning of multilingual short message service (SMS) dialect from noisy examples

DocId: 4317013

Abstract: Noise in textual data such as those introduced by multi-linguality, misspellings, abbreviations, del..... [Read More](#)

No. Of Citations: 1 | [View Citation Contexts](#)

Conference: Research and Development in Information Retrieval - SIGIR[368], pp. 67-74

Journal:

Authors: Sreangsu Acharyya[512954],Sumit Negi[3345114],L. Venkata Subramaniam[501514],Shourya Roy[2487958],

Year: 2008

Relevance Score: 53.79984228645651

Type Of Algorithms Supported



Type of Algorithm

BM25

TF-IDF

BM25(For Long)

LSA(Using Randomized)

LSA(Using ARPACK)

Variation

Equal Weight





Query Expansion



Spell Correction

Variations Of Algorithms



Type of Algorithm
BM25

Variation

Equal Weight

Title Priority

Abstract Priority

Citation Priority

Citation Only

Citation One By One

☐ Query Expansion

☐ Spell Correction

Abstract of Retrieved Results



Prediction of future citation counts is difficult because of the nature and dynamics of citations



Type of Algorithm

BM25

FutureRank: Ranking Scientific Articles by Predicting their Future PageRank

DocId: 4729904

Abstract: The dynamic nature of citation networks makes the task of ranking scientific articles hard. Citation networks are continually evolving because articles obtain new citations every day. For ranking scientific articles, we can define the popularity or prestige of a paper based on the number of past citations at the user query time; however, we argue that what is most useful is the expected future references. We define a new measure, FutureRank, which is the expected future PageRank score based on citations that will be obtained in the future. In addition to making use of the citation network, FutureRank uses the authorship network and the publication time of the article in order to predict future citations. Our experiments compare FutureRank with existing approaches, and show that FutureRank is accurate and useful for finding and ranking publications.

No. Of Citations: 4 | [View Citation Count](#)

Conference: SIAM International Conference on Data Mining

Journal:

Authors: Hassan Sayyadi[3583223], Lijun Chen[19614870],

Year: 2009

Relevance Score: 43.40611709901263

FutureRank: Ranking Scientific Articles by Predicting their Future PageRank

The dynamic nature of citation networks makes the task of ranking scientific articles hard. Citation networks are continually evolving because articles obtain new citations every day. For ranking scientific articles, we can define the popularity or prestige of a paper based on the number of past citations at the user query time; however, we argue that what is most useful is the expected future references. We define a new measure, FutureRank, which is the expected future PageRank score based on citations that will be obtained in the future. In addition to making use of the citation network, FutureRank uses the authorship network and the publication time of the article in order to predict future citations. Our experiments compare FutureRank with existing approaches, and show that FutureRank is accurate and useful for finding and ranking publications.

CLOSE

Spell Correction

tions

are considered controversial yet

t[19614870],

Earlier Web Usage Statistics as Predictors of Later

Does the h index have predictive power?

DocId: 15180510

Citation Contexts of the Scientific Articles

Human Mobility Patterns and Their Impact on Routing in

Human-Driven Mobile Ne

DocId: 12776517

Abstract: We conduct a statistical study of traces of human walks [Read More](#)

No. Of Citations: 10 | [View Citation Contexts](#)

Conference:

Journal:

Authors: Injong Rhee[1354302],Seongik Hong[3370896],Kyunghan Lee[1035133],Song Chong[1456091],

Year:

Relevance Score: 19.99090804166186

Human Mobility Patterns and Their Impact on Routing in Human-Driven Mobile Networks

Citer ID	Citation Contexts
51083650	From literature survey ##12776517## it can be considered that this model is more realistic than other random models for human travelling patterns
51063675	Rhee et al. have confirmed through simulations that the inter-contact time "directly impacts routing delays in DTN" ##12776517##
51063675	##12776517## to the best of our knowledge there is no sound theoretical framework to provide evidence for or against the existence of such relationship

CLOSE

Spelling Correction in Action

Q The dynamcs of online poplurty



Type of Algorithm

BM25

Variation

Title Priority



Query Expansion



Spell Correction

Characterizing and modeling the dynamics of online popularity

DocId: 13328820

Abstract: Online popularity has enormous impact on opinions, culture, policy, and profits. We provide a quantit..... [Read More](#)

No. Of Citations: 3 | [View Citation Contexts](#)

Conference:

Journal: Physical Review Letters - PHYS REV LETT[570], vol. abs/1005.2

Authors: Jacob Ratkiewicz[44454522],Filippo Menczer[595787],Santo Fortunato[1447839],Alessandro Flammini[1463779],Alessandro Vespignani[43971696],

Year: 2010

Relevance Score: 18.18953377498922

Digg it Up! Analyzing Popularity Evolution in a Web 2.0 Setting

DocId: 6317024

Abstract: The recent advent and wide adoption of Social Bookmarking Systems (SBS) has disrupted the traditiona..... [Read More](#)

No. Of Citations: 0 | [View Citation Contexts](#)

Conference:

Journal:

Authors: Symeon Papadopoulos[3619198],Athena Vakali[348170],Ioannis Kompatsiaris[2537175],

Year:

Relevance Score: 17.21221017121914

Analyzing group dynamics for incidental topics in online

The dynamism of 2channel

Query Expansion in Action

Q dynamic



Type of Algorithm

BM25

Variation

Equal Weight



Query Expansion



Spell Correction

Combined static and dynamic mutability analysis

DocId: 4296197

Abstract: Abstract Knowing which method,parameters may be mutated during a method's execution is useful for ma..... [Read More](#)

No. Of Citations: 16 | [View Citation Contexts](#)

Conference: Automated Software Engineering - ASE[308], pp. 104-113

Journal:

Authors: Shay Artzi[58809],Adam Kiezun[3399414],David Glasser[54897724],Michael D. Ernst[1200530],

Year: 2007

Relevance Score: 21.101805691041548

An Ontology-Based Approach to Validation of E-Services under Static and Dynamic Constraints

DocId: 4306013

Abstract: In this paper we present an enhanced approach to cope with consistency and validation issues arising..... [Read More](#)

No. Of Citations: 1 | [View Citation Contexts](#)

Conference: OTM Workshops[1437], pp. 157-174

Journal:

Authors: Luigi Dragone[3360552],

Year: 2008

Relevance Score: 20.523980100791217

A Coverage Analysis of Java Benchmark Suites

DocId: 1800102

Dynamic Scheduling Strategies for Avionics Mission