

Elena Tutubalina

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

253
citations

8
h-index

15
g-index

43
ext. papers

437
ext. citations

2.3
avg, IF

4.27
L-index

#	Paper	IF	Citations
37	A Large-Scale COVID-19 Twitter Chatter Dataset for Open Scientific Research: An International Collaboration. <i>Epidemiologia</i> , 2021 , 2, 315-324	2.8	52
36	Medical concept normalization in social media posts with recurrent neural networks. <i>Journal of Biomedical Informatics</i> , 2018 , 84, 93-102	10.2	32
35	Combination of Deep Recurrent Neural Networks and Conditional Random Fields for Extracting Adverse Drug Reactions from User Reviews. <i>Journal of Healthcare Engineering</i> , 2017 , 2017, 9451342	3.7	25
34	RecVAE: A New Variational Autoencoder for Top-N Recommendations with Implicit Feedback 2020 ,		25
33	Automated Detection of Adverse Drug Reactions from Social Media Posts with Machine Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 3-15	0.9	12
32	Multiple features for clinical relation extraction: A machine learning approach. <i>Journal of Biomedical Informatics</i> , 2020 , 103, 103382	10.2	11
31	Distant Supervision for Sentiment Attitude Extraction 2019 ,		9
30	Deep Neural Models for Medical Concept Normalization in User-Generated Texts 2019 ,		8
29	KFU NLP Team at SMM4H 2019 Tasks: Want to Extract Adverse Drugs Reactions from Tweets? BERT to The Rescue 2019 ,		8
28	Exploring convolutional neural networks and topic models for user profiling from drug reviews. <i>Multimedia Tools and Applications</i> , 2018 , 77, 4791-4809	2.5	8
27	Inferring Sentiment-Based Priors in Topic Models. <i>Lecture Notes in Computer Science</i> , 2015 , 92-104	0.9	6
26	Using semantic analysis of texts for the identification of drugs with similar therapeutic effects. <i>Russian Chemical Bulletin</i> , 2017 , 66, 2180-2189	1.7	5
25	The Russian Drug Reaction Corpus and neural models for drug reactions and effectiveness detection in user reviews. <i>Bioinformatics</i> , 2021 , 37, 243-249	7.2	5
24	AspeRa: Aspect-Based Rating Prediction Model. <i>Lecture Notes in Computer Science</i> , 2019 , 163-171	0.9	4
23	A Machine Learning Approach to Classification of Drug Reviews in Russian 2017 ,		3
22	Fair Evaluation in Concept Normalization: a Large-scale Comparative Analysis for BERT-based Models 2020 ,		3
21	On Biomedical Named Entity Recognition: Experiments in Interlingual Transfer for Clinical and Social Media Texts. <i>Lecture Notes in Computer Science</i> , 2020 , 281-288	0.9	3

20	Target-Based Topic Model for Problem Phrase Extraction. <i>Lecture Notes in Computer Science</i> , 2015 , 271-277		3
19	Constructing Aspect-Based Sentiment Lexicons with Topic Modeling. <i>Communications in Computer and Information Science</i> , 2017 , 208-220	0.3	3
18	Automated Prediction of Demographic Information from Medical User Reviews. <i>Lecture Notes in Computer Science</i> , 2017 , 174-184	0.9	3
17	Unsupervised Approach to Extracting Problem Phrases from User Reviews of Products 2014 ,		3
16	End-to-end deep framework for disease named entity recognition using social media data 2017 ,		2
15	Clause-Based Approach to Extracting Problem Phrases from User Reviews of Products. <i>Communications in Computer and Information Science</i> , 2014 , 229-236	0.3	2
14	Demographic Prediction Based on User Reviews about Medications. <i>Computacion Y Sistemas</i> , 2017 , 21,	1.4	2
13	Dependency-Based Problem Phrase Extraction from User Reviews of Products. <i>Lecture Notes in Computer Science</i> , 2015 , 199-206	0.9	2
12	DeepADEMiner: a deep learning pharmacovigilance pipeline for extraction and normalization of adverse drug event mentions on Twitter. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 2184-2192	8.6	2
11	Entity-Level Classification of Adverse Drug Reaction: A Comparative Analysis of Neural Network Models. <i>Programming and Computer Software</i> , 2019 , 45, 439-447	0.8	2
10	Deep Learning for ICD Coding: Looking for Medical Concepts in Clinical Documents in English and in French. <i>Lecture Notes in Computer Science</i> , 2018 , 203-215	0.9	2
9	Drug and Disease Interpretation Learning with Biomedical Entity Representation Transformer. <i>Lecture Notes in Computer Science</i> , 2021 , 451-466	0.9	2
8	Biomedical Entities Impact on Rating Prediction for Psychiatric Drugs. <i>Lecture Notes in Computer Science</i> , 2019 , 97-104	0.9	1
7	Identifying Product Failures from Reviews in Noisy Data by Distant Supervision. <i>Communications in Computer and Information Science</i> , 2016 , 142-156	0.3	1
6	Improving unsupervised neural aspect extraction for online discussions using out-of-domain classification. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 2487-2496	1.6	0
5	Cross-domain Limitations of Neural Models on Biomedical Relation Classification. <i>IEEE Access</i> , 2021 , 1-1	3.5	0
4	Wear the Right Head: Comparing Strategies for Encoding Sentences for Aspect Extraction. <i>Lecture Notes in Computer Science</i> , 2019 , 166-178	0.9	0
3	Report on the 12th Russian Summer School in Information Retrieval (RuSSIR 2018). <i>ACM SIGIR Forum</i> , 2019 , 52, 100-104	0.9	

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| 2 | A Sentiment-Aware Topic Model for Extracting Failures from Product Reviews. <i>Lecture Notes in Computer Science</i> , 2016 , 37-45 | 0.9 |
| 1 | RuREBus: A Case Study of Joint Named Entity Recognition and Relation Extraction from E-Government Domain. <i>Lecture Notes in Computer Science</i> , 2021 , 19-27 | 0.9 |