Isabel Segura-Bedmar

List of Publications by Year
in descending order

44 papers	1,374 citations	471509 17 h-index	454955 30 g-index
45 all docs	45 docs citations	45 times ranked	1212 citing authors

#	Article	IF	Citations
1	The DDI corpus: An annotated corpus with pharmacological substances and drugâ€“drug interactions. Journal of Biomedical Informatics, 2013, 46, 914-920.	4.3	276
2	The CHEMDNER corpus of chemicals and drugs and its annotation principles. Journal of Cheminformatics, 2015, 7, S2.	6.1	166
3	Using a shallow linguistic kernel for drugâ€“drug interaction extraction. Journal of Biomedical Informatics, 2011, 44, 789-804.	4.3	106
4	Lessons learnt from the DDIExtraction-2013 Shared Task. Journal of Biomedical Informatics, 2014, 51, 152-164.	4.3	89
5	Comparing deep learning architectures for sentiment analysis on drug reviews. Journal of Biomedical Informatics, 2020, 110, 103539.	4.3	78
6	A linguistic rule-based approach to extract drug-drug interactions from pharmacological documents. BMC Bioinformatics, 2011, 12, S1.	2.6	59
7	Drug name recognition and classification in biomedical texts. Drug Discovery Today, 2008, 13, 816-823.	6.4	54
8	Evaluation of pooling operations in convolutional architectures for drug-drug interaction extraction. BMC Bioinformatics, 2018, 19, 209.	2.6	47
9	Exploring Spanish health social media for detecting drug effects. BMC Medical Informatics and Decision Making, 2015, 15, S6.	3.0	42
10	Predicting of anaphylaxis in big data EMR by exploring machine learning approaches. Journal of Biomedical Informatics, 2018, 87, 50-59.	4.3	40
11	A two-stage deep learning approach for extracting entities and relationships from medical texts. Journal of Biomedical Informatics, 2019, 99, 103285.	4.3	38
12	Turning user generated health-related content into actionable knowledge through text analytics services. Computers in Industry, 2016, 78, 43-56.	9.9	37
13	DINTO: Using OWL Ontologies and SWRL Rules to Infer Drugâ€“Drug Interactions and Their Mechanisms. Journal of Chemical Information and Modeling, 2015, 55, 1698-1707.	5.4	34
14	Resolving anaphoras for the extraction of drug-drug interactions in pharmacological documents. BMC Bioinformatics, 2010, 11, S1.	2.6	31
15	Exploring Word Embedding for Drug Name Recognition. , 2015, , .		29
16	Extracting drug-drug interactions from biomedical texts. BMC Bioinformatics, 2010, 11, .	2.6	27
17	Multimodal Fake News Detection. Information (Switzerland), 2022, 13, 284.	2.9	24
18	Detecting drugs and adverse events from Spanish social media streams. , 2014, , .		23

#	Article	IF	Citations
19	Pharmacovigilance through the development of text mining and natural language processing techniques. Journal of Biomedical Informatics, 2015, 58, 288-291.	4.3	20
20	Simplifying drug package leaflets written in Spanish by using word embedding. Journal of Biomedical Semantics, 2017, 8, 45.	1.6	17
21	A comparison of machine learning techniques for detection of drug target articles. Journal of Biomedical Informatics, 2010, 43, 902-913.	4.3	16
22	Cohort selection for clinical trials using deep learning models. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1181-1188.	4.4	16
23	Conceptual models of drug-drug interactions: A summary of recent efforts. Knowledge-Based Systems, 2016, 114, 99-107.	7.1	15
24	Exploring convolutional neural networks for drugâ€“drug interaction extraction. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	13
25	Lexical simplification approach to support the accessibility guidelines. , 2019, , .		10
26	Extracting drug indications and adverse drug reactions from Spanish health social media. , 2014, , .		9
27	Combining dictionaries and ontologies for drug name recognition in biomedical texts. , 2013, , .		8
28	The RareDis corpus: A corpus annotated with rare diseases, their signs and symptoms. Journal of Biomedical Informatics, 2022, 125, 103961.	4.3	7
29	Combining syntactic information and domain-specific lexical patterns to extract drug-drug interactions from biomedical texts. , 2010, , .		5
30	Lightly supervised acquisition of named entities and linguistic patterns for multilingual text mining. Knowledge and Information Systems, 2013, 35, 87-109.	3.2	5
31	Annotation Issues in Pharmacological Texts. Procedia, Social and Behavioral Sciences, 2013, 95, 211-219.	0.5	4
32	Exploring Convolutional Neural Networks for Sentiment Analysis of Spanish tweets. , 2017, , .		4
33	Search and Graph Database Technologies for Biomedical Semantic Indexing: Experimental Analysis. JMIR Medical Informatics, 2017, 5, e48.	2.6	4
34	DrugNerAR. , 2009, , .		3
35	Exploring language technologies to provide support to WCAG 2.0 and E2R guidelines. , 2015, , .		3
36	Application of Domain Ontologies to Natural Language Processing. International Journal of Information Retrieval Research, 2015, 5, 19-38.	0.7	3

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37	LABDA at the 2016 BioASQ challenge task 4a: Semantic Indexing by using ElasticSearch. , 2016, , .		3
38	Exploring the Impact of COVID-19 on Social Life by Deep Learning. Information (Switzerland), 2021, 12, 459.	2.9	3
39	DDIExtractor: A Web-Based Java Tool for Extracting Drug-Drug Interactions from Biomedical Texts. Lecture Notes in Computer Science, 2011, , 274-277.	1.3	2
40	Score-Based Approach for Anaphora Resolution in Drug-Drug Interactions Documents. Lecture Notes in Computer Science, 2010, , 91-102.	1.3	2
41	LABDA at SemEval-2017 Task 10: Extracting Keyphrases from Scientific Publications by combining the BANNER tool and the UMLS Semantic Network. , 2017, , .		2
42	LABDA at SemEval-2017 Task 10: Relation Classification between keyphrases via Convolutional Neural Network. , 2017, , .		0
43	UC3M-NII Team at SemEval-2018 Task 7: Semantic Relation Classification in Scientific Papers via Convolutional Neural Network. , 2018, , .		0
44	Detecting Semantic Relations Between Nominals Using Support Vector Machines and Linguistic-Based Rules. , 2007, , 1267-1273.		0