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 RareDis corpus: A corpus annotated with rare diseases, their signs and symptoms. Journal of Biomedical Informatics, 2022, 125, 103961.	4.3	7
2	Multimodal Fake News Detection. Information (Switzerland), 2022, 13, 284.	2.9	24
3	Exploring the Impact of COVID-19 on Social Life by Deep Learning. Information (Switzerland), 2021, 12, 459.	2.9	3
4	Comparing deep learning architectures for sentiment analysis on drug reviews. Journal of Biomedical Informatics, 2020, 110, 103539.	4.3	78
5	Lexical simplification approach to support the accessibility guidelines. , 2019, , .		10
6	Cohort selection for clinical trials using deep learning models. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1181-1188.	4.4	16
7	A two-stage deep learning approach for extracting entities and relationships from medical texts. Journal of Biomedical Informatics, 2019, 99, 103285.	4.3	38
8	Evaluation of pooling operations in convolutional architectures for drug-drug interaction extraction. BMC Bioinformatics, 2018, 19, 209.	2.6	47
9	Predicting of anaphylaxis in big data EMR by exploring machine learning approaches. Journal of Biomedical Informatics, 2018, 87, 50-59.	4.3	40
10	UC3M-NII Team at SemEval-2018 Task 7: Semantic Relation Classification in Scientific Papers via Convolutional Neural Network. , 2018, , .		0
11	Exploring convolutional neural networks for drug–drug interaction extraction. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	13
12	Simplifying drug package leaflets written in Spanish by using word embedding. Journal of Biomedical Semantics, 2017, 8, 45.	1.6	17
13	Exploring Convolutional Neural Networks for Sentiment Analysis of Spanish tweets. , 2017, , .		4
14	Search and Graph Database Technologies for Biomedical Semantic Indexing: Experimental Analysis. JMIR Medical Informatics, 2017, 5, e48.	2.6	4
15	LABDA at SemEval-2017 Task 10: Relation Classification between keyphrases via Convolutional Neural Network. , 2017, , .		0
16	LABDA at SemEval-2017 Task 10: Extracting Keyphrases from Scientific Publications by combining the BANNER tool and the UMLS Semantic Network. , 2017, , .		2
17	Conceptual models of drug-drug interactions: A summary of recent efforts. Knowledge-Based Systems, 2016, 114, 99-107.	7.1	15
18	Turning user generated health-related content into actionable knowledge through text analytics services. Computers in Industry, 2016, 78, 43-56.	9.9	37

#	Article	IF	Citations
19	LABDA at the 2016 BioASQ challenge task 4a: Semantic Indexing by using ElasticSearch. , 2016, , .		3
20	Exploring language technologies to provide support to WCAG 2.0 and E2R guidelines. , 2015, , .		3
21	The CHEMDNER corpus of chemicals and drugs and its annotation principles. Journal of Cheminformatics, 2015, 7, S2.	6.1	166
22	Exploring Spanish health social media for detecting drug effects. BMC Medical Informatics and Decision Making, 2015, 15, S6.	3.0	42
23	Application of Domain Ontologies to Natural Language Processing. International Journal of Information Retrieval Research, 2015, 5, 19-38.	0.7	3
24	Pharmacovigilance through the development of text mining and natural language processing techniques. Journal of Biomedical Informatics, 2015, 58, 288-291.	4.3	20
25	DINTO: Using OWL Ontologies and SWRL Rules to Infer Drug–Drug Interactions and Their Mechanisms. Journal of Chemical Information and Modeling, 2015, 55, 1698-1707.	5.4	34
26	Exploring Word Embedding for Drug Name Recognition. , 2015, , .		29
27	Lessons learnt from the DDIExtraction-2013 Shared Task. Journal of Biomedical Informatics, 2014, 51, 152-164.	4.3	89
28	Detecting drugs and adverse events from Spanish social media streams. , 2014, , .		23
29	Extracting drug indications and adverse drug reactions from Spanish health social media. , 2014, , .		9
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	The DDI corpus: An annotated corpus with pharmacological substances and drug–drug interactions. Journal of Biomedical Informatics, 2013, 46, 914-920.	4.3	276
33	Combining dictionaries and ontologies for drug name recognition in biomedical texts. , 2013, , .		8
34	Using a shallow linguistic kernel for drug–drug interaction extraction. Journal of Biomedical Informatics, 2011, 44, 789-804.	4.3	106
35	A linguistic rule-based approach to extract drug-drug interactions from pharmacological documents. BMC Bioinformatics, 2011, 12, S1.	2.6	59
36	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

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37	Combining syntactic information and domain-specific lexical patterns to extract drug-drug interactions from biomedical texts. , 2010, , .		5
38	Resolving anaphoras for the extraction of drug-drug interactions in pharmacological documents. BMC Bioinformatics, 2010, 11, S1.	2.6	31
39	Extracting drug-drug interactions from biomedical texts. BMC Bioinformatics, 2010, 11, .	2.6	27
40	A comparison of machine learning techniques for detection of drug target articles. Journal of Biomedical Informatics, 2010, 43, 902-913.	4.3	16
41	Score-Based Approach for Anaphora Resolution in Drug-Drug Interactions Documents. Lecture Notes in Computer Science, 2010, , 91-102.	1.3	2
42	DrugNerAR. , 2009, , .		3
43	Drug name recognition and classification in biomedical texts. Drug Discovery Today, 2008, 13, 816-823.	6.4	54
44	Detecting Semantic Relations Between Nominals Using Support Vector Machines and Linguistic-Based Rules. , 2007, , 1267-1273.		0