

Isabel Segura-Bedmar

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,374
citations

471371

17
h-index

454834

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 drug-drug interactions. <i>Journal of Biomedical Informatics</i> , 2013, 46, 914-920.	2.5	276
2	The CHEMDNER corpus of chemicals and drugs and its annotation principles. <i>Journal of Cheminformatics</i> , 2015, 7, S2.	2.8	166
3	Using a shallow linguistic kernel for drug-drug interaction extraction. <i>Journal of Biomedical Informatics</i> , 2011, 44, 789-804.	2.5	106
4	Lessons learnt from the DDIExtraction-2013 Shared Task. <i>Journal of Biomedical Informatics</i> , 2014, 51, 152-164.	2.5	89
5	Comparing deep learning architectures for sentiment analysis on drug reviews. <i>Journal of Biomedical Informatics</i> , 2020, 110, 103539.	2.5	78
6	A linguistic rule-based approach to extract drug-drug interactions from pharmacological documents. <i>BMC Bioinformatics</i> , 2011, 12, S1.	1.2	59
7	Drug name recognition and classification in biomedical texts. <i>Drug Discovery Today</i> , 2008, 13, 816-823.	3.2	54
8	Evaluation of pooling operations in convolutional architectures for drug-drug interaction extraction. <i>BMC Bioinformatics</i> , 2018, 19, 209.	1.2	47
9	Exploring Spanish health social media for detecting drug effects. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, S6.	1.5	42
10	Predicting of anaphylaxis in big data EMR by exploring machine learning approaches. <i>Journal of Biomedical Informatics</i> , 2018, 87, 50-59.	2.5	40
11	A two-stage deep learning approach for extracting entities and relationships from medical texts. <i>Journal of Biomedical Informatics</i> , 2019, 99, 103285.	2.5	38
12	Turning user generated health-related content into actionable knowledge through text analytics services. <i>Computers in Industry</i> , 2016, 78, 43-56.	5.7	37
13	DINTO: Using OWL Ontologies and SWRL Rules to Infer Drug-Drug Interactions and Their Mechanisms. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1698-1707.	2.5	34
14	Resolving anaphoras for the extraction of drug-drug interactions in pharmacological documents. <i>BMC Bioinformatics</i> , 2010, 11, S1.	1.2	31
15	Exploring Word Embedding for Drug Name Recognition. , 2015, , .		29
16	Extracting drug-drug interactions from biomedical texts. <i>BMC Bioinformatics</i> , 2010, 11, .	1.2	27
17	Multimodal Fake News Detection. <i>Information (Switzerland)</i> , 2022, 13, 284.	1.7	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. <i>Journal of Biomedical Informatics</i> , 2015, 58, 288-291.	2.5	20
20	Simplifying drug package leaflets written in Spanish by using word embedding. <i>Journal of Biomedical Semantics</i> , 2017, 8, 45.	0.9	17
21	A comparison of machine learning techniques for detection of drug target articles. <i>Journal of Biomedical Informatics</i> , 2010, 43, 902-913.	2.5	16
22	Cohort selection for clinical trials using deep learning models. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1181-1188.	2.2	16
23	Conceptual models of drug-drug interactions: A summary of recent efforts. <i>Knowledge-Based Systems</i> , 2016, 114, 99-107.	4.0	15
24	Exploring convolutional neural networks for drug-drug interaction extraction. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	1.4	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. <i>Journal of Biomedical Informatics</i> , 2022, 125, 103961.	2.5	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. <i>Knowledge and Information Systems</i> , 2013, 35, 87-109.	2.1	5
31	Annotation Issues in Pharmacological Texts. <i>Procedia, Social and Behavioral Sciences</i> , 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. <i>JMIR Medical Informatics</i> , 2017, 5, e48.	1.3	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. <i>International Journal of Information Retrieval Research</i> , 2015, 5, 19-38.	0.6	3

#	ARTICLE	IF	CITATIONS
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.	1.7	3
39	DDIExtractor: A Web-Based Java Tool for Extracting Drug-Drug Interactions from Biomedical Texts. Lecture Notes in Computer Science, 2011, , 274-277.	1.0	2
40	Score-Based Approach for Anaphora Resolution in Drug-Drug Interactions Documents. Lecture Notes in Computer Science, 2010, , 91-102.	1.0	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