

Arzucan Ozgur

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,371
citations

361413

20
h-index

254184

43
g-index

51
all docs

51
docs citations

51
times ranked

2658
citing authors

#	ARTICLE	IF	CITATIONS
1	DeepDTA: deep drug-target binding affinity prediction. <i>Bioinformatics</i> , 2018, 34, i821-i829.	4.1	717
2	Identifying gene-disease associations using centrality on a literature mined gene-interaction network. <i>Bioinformatics</i> , 2008, 24, i277-i285.	4.1	314
3	PHISTO: pathogen-host interaction search tool. <i>Bioinformatics</i> , 2013, 29, 1357-1358.	4.1	145
4	A comparative study of SMILES-based compound similarity functions for drug-target interaction prediction. <i>BMC Bioinformatics</i> , 2016, 17, 128.	2.6	99
5	BIOSSES: a semantic sentence similarity estimation system for the biomedical domain. <i>Bioinformatics</i> , 2017, 33, i49-i58.	4.1	97
6	A review on computational systems biology of pathogen-host interactions. <i>Frontiers in Microbiology</i> , 2015, 6, 235.	3.5	93
7	GLASS: a comprehensive database for experimentally validated GPCR-ligand associations. <i>Bioinformatics</i> , 2015, 31, 3035-3042.	4.1	92
8	Michigan molecular interactions r2: from interacting proteins to pathways. <i>Nucleic Acids Research</i> , 2009, 37, D642-D646.	14.5	85
9	Exploring chemical space using natural language processing methodologies for drug discovery. <i>Drug Discovery Today</i> , 2020, 25, 689-705.	6.4	68
10	Introducing meta-services for biomedical information extraction. <i>Genome Biology</i> , 2008, 9, S6.	8.8	61
11	Mining of vaccine-associated IFN- γ gene interaction networks using the Vaccine Ontology. <i>Journal of Biomedical Semantics</i> , 2011, 2, S8.	1.6	54
12	Classification of Beta-Lactamases and Penicillin Binding Proteins Using Ligand-Centric Network Models. <i>PLoS ONE</i> , 2015, 10, e0117874.	2.5	41
13	Literature-Based Discovery of IFN- γ and Vaccine-Mediated Gene Interaction Networks. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-13.	3.0	34
14	A novel methodology on distributed representations of proteins using their interacting ligands. <i>Bioinformatics</i> , 2018, 34, i295-i303.	4.1	31
15	Improving Named Entity Recognition for Morphologically Rich Languages Using Word Embeddings. , 2014, , .		30
16	Overview of the BioCreative VI Precision Medicine Track: mining protein interactions and mutations for precision medicine. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	30
17	BioCreative V BioC track overview: collaborative biocurator assistant task for BioGRID. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw121.	3.0	28
18	Identification of fever and vaccine-associated gene interaction networks using ontology-based literature mining. <i>Journal of Biomedical Semantics</i> , 2012, 3, 18.	1.6	26

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19	Development and application of an interaction network ontology for literature mining of vaccine-associated gene-gene interactions. <i>Journal of Biomedical Semantics</i> , 2015, 6, 2.	1.6	23
20	CO-OCCURRENCE NETWORK OF REUTERS NEWS. <i>International Journal of Modern Physics C</i> , 2008, 19, 689-702.	1.7	22
21	Linking entities through an ontology using word embeddings and syntactic re-ranking. <i>BMC Bioinformatics</i> , 2019, 20, 156.	2.6	22
22	Identifying Topics in Microblogs Using Wikipedia. <i>PLoS ONE</i> , 2016, 11, e0151885.	2.5	15
23	Bayesian Pathway Analysis of Cancer Microarray Data. <i>PLoS ONE</i> , 2014, 9, e102803.	2.5	13
24	Ontology-based literature mining of E. coli vaccine-associated gene interaction networks. <i>Journal of Biomedical Semantics</i> , 2017, 8, 12.	1.6	13
25	Machine learning-based identification and rule-based normalization of adverse drug reactions in drug labels. <i>BMC Bioinformatics</i> , 2019, 20, 707.	2.6	13
26	ChemBoost: A Chemical Language Based Approach for Protein-Ligand Binding Affinity Prediction. <i>Molecular Informatics</i> , 2021, 40, e2000212.	2.5	12
27	U-Compare bio-event meta-service: compatible BioNLP event extraction services. <i>BMC Bioinformatics</i> , 2011, 12, 481.	2.6	10
28	Literature Mining and Ontology based Analysis of Host-Brucella Gene-Gene Interaction Network. <i>Frontiers in Microbiology</i> , 2015, 6, 1386.	3.5	9
29	A novel gene selection method for gene expression data for the task of cancer type classification. <i>Biology Direct</i> , 2021, 16, 7.	4.6	9
30	Efficient indexing technique for XML-based electronic product catalogs. <i>Electronic Commerce Research and Applications</i> , 2006, 5, 66-77.	5.0	7
31	Detection and categorization of bacteria habitats using shallow linguistic analysis. <i>BMC Bioinformatics</i> , 2015, 16, S5.	2.6	7
32	Question Analysis for a Closed Domain Question Answering System. <i>Lecture Notes in Computer Science</i> , 2015, , 468-482.	1.3	7
33	The Interaction Network Ontology-supported modeling and mining of complex interactions represented with multiple keywords in biomedical literature. <i>BioData Mining</i> , 2016, 9, 41.	4.0	7
34	A closed-domain question answering framework using reliable resources to assist students. <i>Natural Language Engineering</i> , 2018, 24, 725-762.	2.5	7
35	Ontology-based literature mining and class effect analysis of adverse drug reactions associated with neuropathy-inducing drugs. <i>Journal of Biomedical Semantics</i> , 2018, 9, 17.	1.6	7
36	Ontology-Based Categorization of Bacteria and Habitat Entities using Information Retrieval Techniques. , 2016, , .		7

#	ARTICLE	IF	CITATIONS
37	Turkish Treebanking: Unifying and Constructing Efforts. , 2019, , .		7
38	Automatic query generation using word embeddings for retrieving passages describing experimental methods. Database: the Journal of Biological Databases and Curation, 2017, 2017, baw166.	3.0	6
39	Segmenting hashtags and analyzing their grammatical structure. Journal of the Association for Information Science and Technology, 2018, 69, 675-686.	2.9	6
40	Resources for Turkish dependency parsing: introducing the BOUN Treebank and the BoAT annotation tool. Language Resources and Evaluation, 2022, 56, 259-307.	2.7	6
41	Automated Neuroanatomical Relation Extraction: A Linguistically Motivated Approach with a PVT Connectivity Graph Case Study. Frontiers in Neuroinformatics, 2016, 10, 39.	2.5	5
42	Social Network of Co-occurrence in News Articles. Lecture Notes in Computer Science, 2004, , 688-695.	1.3	5
43	Improving the Annotations in the Turkish Universal Dependency Treebank. , 2019, , .		5
44	Statistical representation models for mutation information within genomic data. BMC Bioinformatics, 2019, 20, 324.	2.6	4
45	Classification of Skewed and Homogenous Document Corpora with Class-Based and Corpus-Based Keywords. , 2006, , 91-101.		4
46	N-gram Parsing for Jointly Training a Discriminative Constituency Parser. Polibits, 0, 47, 5-12.	0.0	2
47	Rule-based focus extraction in Turkish question answering systems. , 2014, , .		1
48	Identifying Image Related Sentences in News Articles. , 2019, , .		1
49	Cluster-based mention typing for named entity disambiguation. Natural Language Engineering, 2020, , 1-37.	2.5	1
50	Editorial: Machine Learning Methodologies to Study Molecular Interactions. Frontiers in Molecular Biosciences, 2021, 8, 806474.	3.5	1