

Dejing Dou

List of Publications by Year in descending order

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48
papers

1,093
citations

758635

12
h-index

713013

21
g-index

49
all docs

49
docs citations

49
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	An Empirical Study on the Relation Between Network Interpretability and Adversarial Robustness. SN Computer Science, 2021, 2, 1.	2.3	12
2	Ontology-based Interpretable Machine Learning for Textual Data. , 2020, , .		5
3	An Overview of Utilizing Knowledge Bases in Neural Networks for Question Answering. Information Systems Frontiers, 2020, 22, 1095-1111.	4.1	10
4	An Overview of Utilizing Knowledge Bases in Neural Networks for Question Answering. , 2019, , .		2
5	An Ensemble Deep Learning Model for Drug Abuse Detection in Sparse Twitter-Sphere. Studies in Health Technology and Informatics, 2019, 264, 163-167.	0.2	10
6	Semantic Oppositeness Embedding Using an Autoencoder-Based Learning Model. Lecture Notes in Computer Science, 2019, , 159-174.	1.0	1
7	Improving Cross-Domain Performance for Relation Extraction via Dependency Prediction and Information Flow Control. , 2019, , .		6
8	Recursive Structure Similarity: A Novel Algorithm for Graph Clustering. , 2018, , .		0
9	Discovering Inconsistencies in PubMed Abstracts through Ontology-Based Information Extraction. , 2017, , .		11
10	Preserving differential privacy in convolutional deep belief networks. Machine Learning, 2017, 106, 1681-1704.	3.4	55
11	Online Reasoning for Semantic Error Detection in Text. Journal on Data Semantics, 2017, 6, 139-153.	2.0	3
12	Ontology-based deep learning for human behavior prediction with explanations in health social networks. Information Sciences, 2017, 384, 298-313.	4.0	62
13	Time-Sensitive Behavior Prediction in a Health Social Network. , 2017, , .		1
14	Semantics-oriented data science and computational life sciences: Innovative application of semantic technologies in microRNA and lncRNA research. , 2017, , .		0
15	A comprehensive (biological and computational) investigation on the role of microRNA::mRNA regulations performed in chronic obstructive pulmonary disease and lung cancer. , 2016, , .		5
16	The Non-Coding RNA Ontology (NCRO): a comprehensive resource for the unification of non-coding RNA biology. Journal of Biomedical Semantics, 2016, 7, 24.	0.9	10
17	A deep learning approach for human behavior prediction with explanations in health social networks: social restricted Boltzmann machine (SRBM+). Social Network Analysis and Mining, 2016, 6, 1.	1.9	19
18	The development of non-coding RNA ontology. International Journal of Data Mining and Bioinformatics, 2016, 15, 214.	0.1	9

#	ARTICLE	IF	CITATIONS
19	OmniSearch: a semantic search system based on the Ontology for MicroRNA Target (OMIT) for microRNA-target gene interaction data. <i>Journal of Biomedical Semantics</i> , 2016, 7, 25.	0.9	27
20	Dynamic socialized Gaussian process models for human behavior prediction in a health social network. <i>Knowledge and Information Systems</i> , 2016, 49, 455-479.	2.1	12
21	Topic-Aware Physical Activity Propagation in a Health Social Network. <i>IEEE Intelligent Systems</i> , 2016, 31, 5-14.	4.0	16
22	A hybrid ontology-based information extraction system. <i>Journal of Information Science</i> , 2016, 42, 798-820.	2.0	16
23	Social Restricted Boltzmann Machine. , 2015, , .		23
24	Semantic data mining: A survey of ontology-based approaches. , 2015, , .		112
25	Ontology-based deep learning for human behavior prediction in health social networks. , 2015, , .		9
26	Analysis and Prediction of User Editing Patterns in Ontology Development Projects. <i>Journal on Data Semantics</i> , 2015, 4, 117-132.	2.0	6
27	Special Issue on: Twelfth International Conference on Ontologies, Databases, and Applications of Semantics. <i>Journal on Data Semantics</i> , 2015, 4, 79-79.	2.0	0
28	Analysis of Physical Activity Propagation in a Health Social Network. , 2014, , .		9
29	Hybrid Ontology-Based Information Extraction for Automated Text Grading. , 2013, , .		14
30	Analysis of User Editing Patterns in Ontology Development Projects. <i>Lecture Notes in Computer Science</i> , 2013, , 470-487.	1.0	13
31	Providing grades and feedback for student summaries by ontology-based information extraction. , 2012, , .		8
32	Socialized Gaussian Process Model for Human Behavior Prediction in a Health Social Network. , 2012, , .		16
33	Knowledge acquisition, semantic text mining, and security risks in health and biomedical informatics. <i>World Journal of Biological Chemistry</i> , 2012, 3, 27.	1.7	5
34	Using ontology databases for scalable query answering, inconsistency detection, and data integration. <i>Journal of Intelligent Information Systems</i> , 2011, 37, 217-244.	2.8	17
35	OMIT: A Domain-Specific Knowledge Base for MicroRNA Target Prediction. <i>Pharmaceutical Research</i> , 2011, 28, 3101-3104.	1.7	14
36	Calculating Feature Weights in Naive Bayes with Kullback-Leibler Measure. , 2011, , .		73

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37	NeuMORE: Ontology in stroke recovery. , 2010, , .		1
38	Ontology-based information extraction: An introduction and a survey of current approaches. Journal of Information Science, 2010, 36, 306-323.	2.0	278
39	Ontology-based knowledge acquisition for neuromotor functional recovery in stroke. , 2010, , .		4
40	Ontology-based knowledge discovery and sharing in bioinformatics and medical informatics: A brief survey. , 2010, , .		4
41	Financial Forecasting with Gompertz Multiple Kernel Learning. , 2010, , .		2
42	Development of NeuroElectroMagnetic ontologies(NEMO). , 2007, , .		34
43	A Semi-Automatic Framework for Mining ERP Patterns. , 2007, , .		3
44	Discovering Executable Semantic Mappings Between Ontologies. , 2007, , 832-849.		26
45	Integrating Databases into the Semantic Web through an Ontology-Based Framework. , 2006, , .		19
46	Ontology-based integration for relational databases. , 2006, , .		44
47	Ontology Translation on the Semantic Web. Lecture Notes in Computer Science, 2005, , 35-57.	1.0	61
48	Preface " COVID 19: From Misinformation to Knowledge Discovery. Journal of Information and Knowledge Management, 0, , .	0.8	0