

Dejing Dou

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,093
citations

759233
12
h-index

713466
21
g-index

49
all docs

49
docs citations

49
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Ontology-based information extraction: An introduction and a survey of current approaches. Journal of Information Science, 2010, 36, 306-323.	3.3	278
2	Semantic data mining: A survey of ontology-based approaches. , 2015, , .		112
3	Calculating Feature Weights in Naive Bayes with Kullback-Leibler Measure. , 2011, , .		73
4	Ontology-based deep learning for human behavior prediction with explanations in health social networks. Information Sciences, 2017, 384, 298-313.	6.9	62
5	Ontology Translation on the Semantic Web. Lecture Notes in Computer Science, 2005, , 35-57.	1.3	61
6	Preserving differential privacy in convolutional deep belief networks. Machine Learning, 2017, 106, 1681-1704.	5.4	55
7	Ontology-based integration for relational databases. , 2006, , .		44
8	Development of NeuroElectroMagnetic ontologies(NEMO). , 2007, , .		34
9	OmniSearch: a semantic search system based on the Ontology for MicroRNA Target (OMIT) for microRNA-target gene interaction data. Journal of Biomedical Semantics, 2016, 7, 25.	1.6	27
10	Discovering Executable Semantic Mappings Between Ontologies. , 2007, , 832-849.		26
11	Social Restricted Boltzmann Machine. , 2015, , .		23
12	Integrating Databases into the Semantic Web through an Ontology-Based Framework. , 2006, , .		19
13	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.	2.8	19
14	Using ontology databases for scalable query answering, inconsistency detection, and data integration. Journal of Intelligent Information Systems, 2011, 37, 217-244.	3.9	17
15	Socialized Gaussian Process Model for Human Behavior Prediction in a Health Social Network. , 2012, , .		16
16	Topic-Aware Physical Activity Propagation in a Health Social Network. IEEE Intelligent Systems, 2016, 31, 5-14.	4.0	16
17	A hybrid ontology-based information extraction system. Journal of Information Science, 2016, 42, 798-820.	3.3	16
18	OMIT: A Domain-Specific Knowledge Base for MicroRNA Target Prediction. Pharmaceutical Research, 2011, 28, 3101-3104.	3.5	14

#	ARTICLE	IF	CITATIONS
19	Hybrid Ontology-Based Information Extraction for Automated Text Grading. , 2013, , .		14
20	Analysis of User Editing Patterns in Ontology Development Projects. Lecture Notes in Computer Science, 2013, , 470-487.	1.3	13
21	Dynamic socialized Gaussian process models for human behavior prediction in a health social network. Knowledge and Information Systems, 2016, 49, 455-479.	3.2	12
22	An Empirical Study on the Relation Between Network Interpretability and Adversarial Robustness. SN Computer Science, 2021, 2, 1.	3.6	12
23	Discovering Inconsistencies in PubMed Abstracts through Ontology-Based Information Extraction. , 2017, , .		11
24	The Non-Coding RNA Ontology (NCRO): a comprehensive resource for the unification of non-coding RNA biology. Journal of Biomedical Semantics, 2016, 7, 24.	1.6	10
25	An Overview of Utilizing Knowledge Bases in Neural Networks for Question Answering. Information Systems Frontiers, 2020, 22, 1095-1111.	6.4	10
26	An Ensemble Deep Learning Model for Drug Abuse Detection in Sparse Twitter-Sphere. Studies in Health Technology and Informatics, 2019, 264, 163-167.	0.3	10
27	Analysis of Physical Activity Propagation in a Health Social Network. , 2014, , .		9
28	Ontology-based deep learning for human behavior prediction in health social networks. , 2015, , .		9
29	The development of non-coding RNA ontology. International Journal of Data Mining and Bioinformatics, 2016, 15, 214.	0.1	9
30	Providing grades and feedback for student summaries by ontology-based information extraction. , 2012, , .		8
31	Analysis and Prediction of User Editing Patterns in Ontology Development Projects. Journal on Data Semantics, 2015, 4, 117-132.	2.0	6
32	Improving Cross-Domain Performance for Relation Extraction via Dependency Prediction and Information Flow Control. , 2019, , .		6
33	A comprehensive (biological and computational) investigation on the role of microRNA::mRNA regulations performed in chronic obstructive pulmonary disease and lung cancer. , 2016, , .		5
34	Ontology-based Interpretable Machine Learning for Textual Data. , 2020, , .		5
35	Knowledge acquisition, semantic text mining, and security risks in health and biomedical informatics. World Journal of Biological Chemistry, 2012, 3, 27.	4.3	5
36	Ontology-based knowledge acquisition for neuromotor functional recovery in stroke. , 2010, , .		4

#	ARTICLE	IF	CITATIONS
37	Ontology-based knowledge discovery and sharing in bioinformatics and medical informatics: A brief survey. , 2010, , .		4
38	A Semi-Automatic Framework for Mining ERP Patterns. , 2007, , .		3
39	Online Reasoning for Semantic Error Detection in Text. Journal on Data Semantics, 2017, 6, 139-153.	2.0	3
40	Financial Forecasting with Gompertz Multiple Kernel Learning. , 2010, , .		2
41	An Overview of Utilizing Knowledge Bases in Neural Networks for Question Answering. , 2019, , .		2
42	NeuMORE: Ontology in stroke recovery. , 2010, , .		1
43	Time-Sensitive Behavior Prediction in a Health Social Network. , 2017, , .		1
44	Semantic Oppositeness Embedding Using an Autoencoder-Based Learning Model. Lecture Notes in Computer Science, 2019, , 159-174.	1.3	1
45	Special Issue on: Twelfth International Conference on Ontologies, Databases, and Applications of Semantics. Journal on Data Semantics, 2015, 4, 79-79.	2.0	0
46	Semantics-oriented data science and computational life sciences: Innovative application of semantic technologies in microRNA and lncRNA research. , 2017, , .		0
47	Recursive Structure Similarity: A Novel Algorithm for Graph Clustering. , 2018, , .		0
48	Preface “COVID 19: From Misinformation to Knowledge Discovery. Journal of Information and Knowledge Management, 0, , .	1.1	0