

Yuan-Fang Li

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

815
citations

687363

13
h-index

580821

25
g-index

76
all docs

76
docs citations

76
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring design complexity of semantic web ontologies. <i>Journal of Systems and Software</i> , 2010, 83, 803-814.	4.5	96
2	Verifying feature models using OWL. <i>Web Semantics</i> , 2007, 5, 117-129.	2.9	88
3	Two decades of Web application testing—A survey of recent advances. <i>Information Systems</i> , 2014, 43, 20-54.	3.6	52
4	Multimodal feature-wise co-attention method for visual question answering. <i>Information Fusion</i> , 2021, 73, 1-10.	19.1	38
5	Predicting Reasoning Performance Using Ontology Metrics. <i>Lecture Notes in Computer Science</i> , 2012, , 198-214.	1.3	38
6	Generating Question Titles for Stack Overflow from Mined Code Snippets. <i>ACM Transactions on Software Engineering and Methodology</i> , 2020, 29, 1-37.	6.0	38
7	Structured Two-Stream Attention Network for Video Question Answering. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 6391-6398.	4.9	33
8	Scalable Semantics – The Silver Lining of Cloud Computing. , 2008, , .		32
9	An ontology-centric architecture for extensible scientific data management systems. <i>Future Generation Computer Systems</i> , 2013, 29, 641-653.	7.5	31
10	BioVis Explorer: A visual guide for biological data visualization techniques. <i>PLoS ONE</i> , 2017, 12, e0187341.	2.5	26
11	Difficulty-Controllable Multi-hop Question Generation from Knowledge Graphs. <i>Lecture Notes in Computer Science</i> , 2019, , 382-398.	1.3	25
12	Automating Reading Comprehension by Generating Question and Answer Pairs. <i>Lecture Notes in Computer Science</i> , 2018, , 335-348.	1.3	21
13	Combining cross-modal knowledge transfer and semi-supervised learning for speech emotion recognition. <i>Knowledge-Based Systems</i> , 2021, 229, 107340.	7.1	19
14	Putting the Horse before the Cart: A Generator-Evaluator Framework for Question Generation from Text. , 2019, , .		19
15	Less is more: Data-efficient complex question answering over knowledge bases. <i>Web Semantics</i> , 2020, 65, 100612.	2.9	15
16	The Ubiquitous Semantic Web. <i>International Journal on Semantic Web and Information Systems</i> , 2014, 10, 1-16.	5.1	14
17	A Z Approach in Validating ORA-SS Data Models. <i>Electronic Notes in Theoretical Computer Science</i> , 2006, 157, 95-109.	0.9	12
18	MonaGO: a novel gene ontology enrichment analysis visualisation system. <i>BMC Bioinformatics</i> , 2022, 23, 69.	2.6	12

#	ARTICLE	IF	CITATIONS
19	KGVQL: A knowledge graph visual query language with bidirectional transformations. Knowledge-Based Systems, 2022, 250, 108870.	7.1	11
20	Boosting house price predictions using geo-spatial network embedding. Data Mining and Knowledge Discovery, 2021, 35, 2221-2250.	3.7	10
21	Retrieve, Program, Repeat: Complex Knowledge Base Question Answering via Alternate Meta-learning. , 2020, , .		10
22	GraSS: An Efficient Method for RDF Subgraph Matching. Lecture Notes in Computer Science, 2015, , 108-122.	1.3	9
23	PODD: An Ontology-Driven Data Repository for Collaborative Phenomics Research. Lecture Notes in Computer Science, 2010, , 179-188.	1.3	9
24	RobustiQ. , 2019, , .		8
25	Code2Que: a tool for improving question titles from mined code snippets in stack overflow. , 2021, , .		8
26	Enhancing Semantic Web Services with Inheritance. Lecture Notes in Computer Science, 2008, , 162-177.	1.3	8
27	Semisupervised Network Embedding With Differentiable Deep Quantization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4791-4802.	11.3	8
28	Understanding and improving ontology reasoning efficiency through learning and ranking. Information Systems, 2020, 87, 101412.	3.6	7
29	PODD - Towards an Extensible, Domain-Agnostic Scientific Data Management System. , 2010, , .		6
30	Integrating software engineering data using semantic web technologies. , 2011, , .		6
31	Observation, Communication and Intelligence in Agent-Based Systems. Lecture Notes in Computer Science, 2015, , 50-59.	1.3	6
32	Using Semantic Web Technologies to Build a Community-Driven Knowledge Curation Platform for the Skeletal Dysplasia Domain. Lecture Notes in Computer Science, 2011, , 81-96.	1.3	6
33	An Information-Theoretic Predictive Model for the Accuracy of AI Agents Adapted from Psychometrics. Lecture Notes in Computer Science, 2017, , 225-236.	1.3	5
34	Predicting Reasoner Performance on ABox Intensive OWL 2 EL Ontologies. International Journal on Semantic Web and Information Systems, 2018, 14, 1-30.	5.1	5
35	Robust Attribute and Structure Preserving Graph Embedding. Lecture Notes in Computer Science, 2020, , 593-606.	1.3	5
36	Label-Guided Generative Adversarial Network for Realistic Image Synthesis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-24.	13.9	5

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37	Soundness proof of Z semantics of OWL using institutions. , 2005, , .		4
38	Footprints of fitness functions in search-based software testing. , 2019, , .		4
39	ParaQG: A System for Generating Questions and Answers from Paragraphs. , 2019, , .		4
40	A tools environment for developing and reasoning about ontologies. , 2005, , .		3
41	BOWL: augmenting the Semantic Web with beliefs. Innovations in Systems and Software Engineering, 2015, 11, 203-215.	2.1	3
42	Extracting Permission-Based Specifications from a Sequential Java Program. , 2016, , .		3
43	Using Knowledge Graphs to Explain Entity Co-occurrence in Twitter. , 2017, , .		3
44	Vector and line quantization for billion-scale similarity search on GPUs. Future Generation Computer Systems, 2019, 99, 295-307.	7.5	3
45	Gaussian Embedding of Large-Scale Attributed Graphs. Lecture Notes in Computer Science, 2020, , 134-146.	1.3	3
46	R\$\$_2\$\$O\$\$_2\$\$: An Efficient Ranking-Based Reasoner for OWL Ontologies. Lecture Notes in Computer Science, 2015, , 322-338.	1.3	3
47	Explicit Query Interpretation and Diversification for Context-Driven Concept Search Across Ontologies. Lecture Notes in Computer Science, 2016, , 271-288.	1.3	3
48	Verifying Semistructured Data Normalization Using SWRL. , 2009, , .		2
49	A Meta-reasoner to Rule Them All. , 2014, , .		2
50	Analyzing the Evolution of Ontology Versioning Using Metrics. , 2015, , .		2
51	Capturing Researcher Expertise through MeSH Classification. , 2015, , .		2
52	Context-driven Concept Search across Web Ontologies using Keyword Queries. , 2015, , .		2
53	Sip4J: Statically Inferring Access Permission Contracts for Parallelising Sequential Java Programs. , 2019, , .		2
54	A survey on the use of access permission-based specifications for program verification. Journal of Systems and Software, 2020, 159, 110450.	4.5	2

#	ARTICLE	IF	CITATIONS
55	Simulating exploration versus exploitation in agent foraging under different environment uncertainties. Behavioral and Brain Sciences, 2019, 42, e39.	0.7	2
56	Benchmark construction and experimental evaluations for incoherent ontologies. Knowledge-Based Systems, 2022, 239, 108090.	7.1	2
57	Verify Feature Models using protegeowl. , 2005, , .		1
58	Discovering Anomalies in Semantic Web Rules. , 2010, , .		1
59	Event Analytics. Lecture Notes in Computer Science, 2014, , 17-24.	1.3	1
60	The mobile semantic web. , 2014, , .		1
61	Event and strategy analytics. , 2015, , .		1
62	How Can Reasoner Performance of ABox Intensive Ontologies Be Predicted?. Lecture Notes in Computer Science, 2016, , 3-14.	1.3	1
63	The Ubiquitous Semantic Web. , 2016, , 272-289.		1
64	Towards generating thread-safe classes automatically. , 2020, , .		1
65	Multi-level, multi-modal interactions for visual question answering over text in images. World Wide Web, 2022, 25, 1607-1623.	4.0	1
66	Knowledge enrichment analysis for human tissue-specific genes uncover new biological insights. Journal of Integrative Bioinformatics, 2012, 9, 194.	1.5	1
67	TCOZ approach to semantic web services design. , 2004, , .		0
68	Belief-augmented OWL (BOWL) Engineering the SemanticWeb with Beliefs. , 2007, , .		0
69	Correctness Criteria for Normalization of Semistructured Data. Proceedings / Australian Software Engineering Conference, 2008, , .	0.0	0
70	OntoPlot: A Novel Visualisation for Non-hierarchical Associations in Large Ontologies. IEEE Transactions on Visualization and Computer Graphics, 2019, 26, 1-1.	4.4	0
71	Validating Semistructured Data Using OWL. Lecture Notes in Computer Science, 2006, , 520-531.	1.3	0
72	The Ubiquitous Semantic Web. , 2016, , 2093-2110.		0