

Hai Zhuge

List of Publications by Year in descending order

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126
papers

4,157
citations

147566

31
h-index

143772

57
g-index

132
all docs

132
docs citations

132
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	Communities and Emerging Semantics in Semantic Link Network: Discovery and Learning. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 785-799.	4.0	240
2	Semantic linking through spaces for cyber-physical-socio intelligence: A methodology. Artificial Intelligence, 2011, 175, 988-1019.	3.9	218
3	China's e-science knowledge grid environment. IEEE Intelligent Systems, 2004, 19, 13-17.	4.0	177
4	A knowledge flow model for peer-to-peer team knowledge sharing and management. Expert Systems With Applications, 2002, 23, 23-30.	4.4	152
5	Interactive semantics. Artificial Intelligence, 2010, 174, 190-204.	3.9	147
6	Future interconnection environment. Computer, 2005, 38, 27-33.	1.2	110
7	Discovery of knowledge flow in science. Communications of the ACM, 2006, 49, 101-107.	3.3	110
8	A timed workflow process model. Journal of Systems and Software, 2001, 55, 231-243.	3.3	109
9	Peer-to-Peer in Metric Space and Semantic Space. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 759-771.	4.0	108
10	Resource space model, OWL and database. ACM Transactions on Internet Technology, 2008, 8, 1-31.	3.0	94
11	A scalable P2P platform for the knowledge grid. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 1721-1736.	4.0	88
12	Autonomous semantic link networking model for the Knowledge Grid. Concurrency Computation Practice and Experience, 2007, 19, 1065-1085.	1.4	88
13	The Web Resource Space Model. , 2008, , .		83
14	Probabilistic Resource Space Model for Managing Resources in Cyber-Physical Society. IEEE Transactions on Services Computing, 2012, 5, 404-421.	3.2	78
15	Resource space model, its design method and applications. Journal of Systems and Software, 2004, 72, 71-81.	3.3	75
16	QUERY ROUTING IN A PEER-TO-PEER SEMANTIC LINK NETWORK. Computational Intelligence, 2005, 21, 197-216.	2.1	73
17	Active e-document framework ADF: model and tool. Information and Management, 2003, 41, 87-97.	3.6	72
18	Knowledge flow network planning and simulation. Decision Support Systems, 2006, 42, 571-592.	3.5	72

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19	Semantic grid. Communications of the ACM, 2005, 48, 117-119.	3.3	59
20	Resource Space Grid: model, method and platform. Concurrency Computation Practice and Experience, 2004, 16, 1385-1413.	1.4	57
21	Component-based workflow systems development. Decision Support Systems, 2003, 35, 517-536.	3.5	53
22	Topological centrality and its eScience applications. Journal of the Association for Information Science and Technology, 2010, 61, 1824-1841.	2.6	53
23	The schema theory for semantic link network. Future Generation Computer Systems, 2010, 26, 408-420.	4.9	52
24	Knowledge flow management for distributed team software development. Knowledge-Based Systems, 2002, 15, 465-471.	4.0	50
25	Toward the eco-grid. Communications of the ACM, 2004, 47, 78-83.	3.3	47
26	Automatic generation of document semantics for the e-science Knowledge Grid. Journal of Systems and Software, 2006, 79, 969-983.	3.3	43
27	Workflow- and agent-based cognitive flow management for distributed team Cooperation. Information and Management, 2003, 40, 419-429.	3.6	42
28	Socio-Natural Thought Semantic Link Network: A Method of Semantic Networking in the Cyber Physical Society. , 2010, , .		42
29	Flexible retrieval of Web Services. Journal of Systems and Software, 2004, 70, 107-116.	3.3	41
30	Abstractive Text-Image Summarization Using Multi-Modal Attentional Hierarchical RNN. , 2018, , .		39
31	Inheritance rules for flexible model retrieval. Decision Support Systems, 1998, 22, 379-390.	3.5	36
32	Virtual knowledge service marketFor effective knowledge flow within knowledge grid. Journal of Systems and Software, 2007, 80, 1833-1842.	3.3	36
33	A process matching approach for flexible workflow process reuse. Information and Software Technology, 2002, 44, 445-450.	3.0	34
34	Summarization of Scientific Paper Through Reinforcement Ranking on Semantic Link Network. IEEE Access, 2018, 6, 40611-40625.	2.6	34
35	HRing: A Structured P2P Overlay Based on Harmonic Series. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 145-158.	4.0	30
36	Summarization of scientific documents by detecting common facts in citations. Future Generation Computer Systems, 2014, 32, 246-252.	4.9	29

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37	Retrieve images by understanding semantic links and clustering image fragments. Journal of Systems and Software, 2004, 73, 455-466.	3.3	28
38	Extended resource space model. Future Generation Computer Systems, 2005, 21, 189-198.	4.9	28
39	Distributed Suffix Tree Overlay for Peer-to-Peer Search. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 276-285.	4.0	28
40	Towards an effective and unbiased ranking of scientific literature through mutual reinforcement. , 2012, , .		27
41	Exploiting heterogeneous scientific literature networks to combat ranking bias: Evidence from the computational linguistics area. Journal of the Association for Information Science and Technology, 2016, 67, 1679-1702.	1.5	26
42	Abstraction and analogy in cognitive space: A software process model. Information and Software Technology, 1997, 39, 463-468.	3.0	25
43	Basic operations, completeness and dynamicity of cyber physical socio semantic link network CPSocioâ€SLN. Concurrency Computation Practice and Experience, 2011, 23, 924-939.	1.4	25
44	Automatic generation of related work through summarizing citations. Concurrency Computation Practice and Experience, 2019, 31, e4261.	1.4	25
45	The contribution of cause-effect link to representing the core of scientific paperâ€™The role of Semantic Link Network. PLoS ONE, 2018, 13, e0199303.	1.1	24
46	Schema Theory for Semantic Link Network. , 2008, , .		22
47	Extractive summarization of documents with images based on multi-modal RNN. Future Generation Computer Systems, 2019, 99, 186-196.	4.9	22
48	Automatically constructing semantic link network on documents. Concurrency Computation Practice and Experience, 2011, 23, 956-971.	1.4	21
49	Graph-based algorithms for ranking researchers: not all swans are white!. Scientometrics, 2013, 96, 743-759.	1.6	21
50	Abstractive Multi-Document Summarization Based on Semantic Link Network. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 43-54.	4.0	21
51	A federationâ€™agentâ€™ workflow simulation framework for virtual organisation development. Information and Management, 2002, 39, 325-336.	3.6	20
52	Forward search path count as an alternative indirect citation impact indicator. Journal of Informetrics, 2019, 13, 100977.	1.4	20
53	Integrity Theory for Resource Space Model and Its Application. Lecture Notes in Computer Science, 2005, , 8-24.	1.0	20
54	Algebra model and experiment for semantic link network. International Journal of High Performance Computing and Networking, 2005, 3, 227.	0.4	18

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55	Cyber-Physical-Social Intelligence. , 2020, , .		18
56	Cyber Physical Society. , 2010, , .		16
57	A problem-oriented and rule-based component repository. Journal of Systems and Software, 2000, 50, 201-208.	3.3	15
58	The potential energy of knowledge flow. Concurrency Computation Practice and Experience, 2007, 19, 2067-2090.	1.4	15
59	Cyber Physical Socio Ecology. Concurrency Computation Practice and Experience, 2011, 23, 972-984.	1.4	15
60	Knowledge Map: Mathematical Model and Dynamic Behaviors. Journal of Computer Science and Technology, 2005, 20, 289-295.	0.9	14
61	Conflict decision training through multi-space co-operation. Decision Support Systems, 2000, 29, 111-123.	3.5	13
62	An inexact model matching approach and its applications. Journal of Systems and Software, 2003, 67, 201-212.	3.3	13
63	An automatic semantic relationships discovery approach. , 2004, , .		13
64	Networking scientific resources in the Knowledge Grid environment. Concurrency Computation Practice and Experience, 2007, 19, 1087-1113.	1.4	13
65	Modeling language and tools for the semantic link network. Concurrency Computation Practice and Experience, 2008, 20, 885-902.	1.4	13
66	The Complex Semantic Space Model. , 2011, , .		13
67	Creative summarization. , 2016, , 153-169.		13
68	Communication cost of cognitive co-operation for distributed team development. Journal of Systems and Software, 2001, 57, 227-233.	3.3	12
69	Trust-based probabilistic search with the view model of peer-to-peer networks. Concurrency Computation Practice and Experience, 2006, 18, 1839-1855.	1.4	12
70	Semantic component networking: Toward the synergy of static reuse and dynamic clustering of resources in the knowledge grid. Journal of Systems and Software, 2006, 79, 1469-1482.	3.3	11
71	A semantic-based P2P resource organization model R-Chord. Journal of Systems and Software, 2006, 79, 1619-1631.	3.3	11
72	Learning with an active e-course in the Knowledge Grid environment. Concurrency Computation Practice and Experience, 2006, 18, 333-356.	1.4	11

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73	A fuzzy collaborative assessment approach for Knowledge Grid. Future Generation Computer Systems, 2004, 20, 101-111.	4.9	10
74	A framework for automated construction of resource space based on background knowledge. Future Generation Computer Systems, 2014, 32, 222-231.	4.9	10
75	News Image Captioning Based on Text Summarization Using Image as Query. , 2019, , .		10
76	Grouping sentences as better language unit for extractive text summarization. Future Generation Computer Systems, 2020, 109, 331-359.	4.9	10
77	Knowledge Energy in Knowledge Flow Networks. , 2005, , .		9
78	Automatic faceted navigation. Future Generation Computer Systems, 2014, 32, 187-197.	4.9	8
79	Faceted navigation through keyword interaction. World Wide Web, 2014, 17, 671-689.	2.7	8
80	Topic discovery of clusters from documents with geographical location. Concurrency Computation Practice and Experience, 2015, 27, 4015-4038.	1.4	8
81	An angle-based interest model for text recommendation. Future Generation Computer Systems, 2016, 64, 211-226.	4.9	8
82	The influence of semantic link network on the ability of question-answering system. Future Generation Computer Systems, 2020, 108, 1-14.	4.9	8
83	Future Interconnection Environment “ Dream, Principle, Challenge and Practice. Lecture Notes in Computer Science, 2004, , 13-22.	1.0	8
84	Semantic profile-based document logistics for cooperative research. Future Generation Computer Systems, 2004, 20, 47-60.	4.9	7
85	Automatic maintenance of category hierarchy. Future Generation Computer Systems, 2017, 67, 1-12.	4.9	7
86	KGCL: A Knowledge-Grid-Based Cooperative Learning Environment. Lecture Notes in Computer Science, 2002, , 192-202.	1.0	7
87	Semantic-Based Query Routing and Heterogeneous Data Integration in Peer-to-Peer Semantic Link Networks. Lecture Notes in Computer Science, 2004, , 91-107.	1.0	7
88	Completeness of Query Operations on Resource Spaces. , 2006, , .		6
89	Finding influential users of web event in social media. Concurrency Computation Practice and Experience, 2019, 31, e5029.	1.4	6
90	Faceted search, social networking and interactive semantics. World Wide Web, 2014, 17, 589-593.	2.7	5

#	ARTICLE	IF	CITATIONS
91	Sentence Ranking with the Semantic Link Network in Scientific Paper. , 2015, , .		5
92	Summarization of Related Work through Citations. , 2016, , .		5
93	Dynamic evaluation approach for virtual conflict decision training. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2000, 30, 374-380.	3.3	4
94	Using semantic links to support top-K join queries in peer-to-peer networks. Concurrency Computation Practice and Experience, 2007, 19, 2031-2046.	1.4	4
95	Aimed information quantity in text. Concurrency Computation Practice and Experience, 2015, 27, 3982-4000.	1.4	4
96	Designing a novel linear-time graph kernel for semantic link network. Concurrency Computation Practice and Experience, 2015, 27, 4039-4052.	1.4	4
97	Active Document Framework ADF: Concept and Method. Lecture Notes in Computer Science, 2003, , 341-346.	1.0	4
98	R-Chord: A Semantic-based Peer Data Management Model. , 2005, , .		3
99	Special section: Semantic grid and knowledge grid. Future Generation Computer Systems, 2007, 23, 281-282.	4.9	3
100	Special section: Semantic Link Network. Future Generation Computer Systems, 2010, 26, 359-360.	4.9	3
101	Modeling and navigation of social information networks in metric spaces. World Wide Web, 2014, 17, 649-670.	2.7	3
102	Automatic Question Answering Based on Single Document. , 2016, , .		3
103	Automatic Evaluation of Text Summarization Based on Semantic Link Network. , 2019, , .		3
104	A news image captioning approach based on multimodal pointer-generator network. Concurrency Computation Practice and Experience, 2022, 34, e5721.	1.4	3
105	Knowledge Map Model. Lecture Notes in Computer Science, 2004, , 381-388.	1.0	3
106	Automatic evaluation of summary on fidelity, conciseness and coherence for text summarization based on semantic link network. Expert Systems With Applications, 2022, 206, 117777.	4.4	3
107	A framework for the massive knowledge Web. Concurrency Computation Practice and Experience, 2009, 21, 705-723.	1.4	2
108	The Role of Cause-Effect Link within Scientific Paper. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
109	What Size of Language Unit Is More Appropriate for Text Summarization?. , 2018, , .		2
110	Semantics, knowledge, and grids at the age of big data and AI. Concurrency Computation Practice and Experience, 2019, 31, e5066.	1.4	2
111	A Bigtree Index for Resource Space Model. , 2010, , .		1
112	Automatic Generation of Survey Paper Based on Template Tree. , 2019, , .		1
113	Soft-Device Inheritance in the Knowledge Grid. Lecture Notes in Computer Science, 2005, , 62-78.	1.0	1
114	Toward Cyber-Physical-Social Science. , 2020, , 341-351.		1
115	A Computing Model for Semantic Link Network. Lecture Notes in Computer Science, 2004, , 795-802.	1.0	0
116	Algebra and Calculus of the Resource Space Model. , 2007, , .		0
117	Discovery Dynamic Communities in Semantic Link Network. , 2010, , .		0
118	Semantics, knowledge and grids. Concurrency Computation Practice and Experience, 2015, 27, 3912-3914.	1.4	0
119	Discovering Classification Dimensions for Managing Scientific Resources. , 2019, , .		0
120	Probabilistic inference on uncertain semantic link network and its application in event identification. Future Generation Computer Systems, 2020, 104, 32-42.	4.9	0
121	Strategic Analysis: Evolution of Information System in Cyber-Physical-Social Space. , 2020, , 215-233.		0
122	Strategic Analysis: Construct Symbiotic Network to Create Value. , 2020, , 195-207.		0
123	Cyber-Physical-Social Semantic Link Network. , 2020, , 55-141.		0
124	Semantic Link Network for Understanding and Representing Reality in Cyber-Physical-Social Spaceâ€”A Model for Managing COVID-19 Pandemic. , 2020, , 245-317.		0
125	Symbiosis on Material-Data-Information-Knowledge Flow Network. , 2020, , 169-194.		0
126	Semantics, knowledge and advanced cyberâ€”infrastructure for intelligent applications. Concurrency Computation Practice and Experience, 0, , .	1.4	0