

# Hai Zhuge

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A news image captioning approach based on multimodal pointer-generator network. Concurrency Computation Practice and Experience, 2022, 34, e5721.	1.4	3
2	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
3	Abstractive Multi-Document Summarization Based on Semantic Link Network. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 43-54.	4.0	21
4	Probabilistic inference on uncertain semantic link network and its application in event identification. Future Generation Computer Systems, 2020, 104, 32-42.	4.9	0
5	Cyber-Physical-Social Intelligence. , 2020, , .		18
6	The influence of semantic link network on the ability of question-answering system. Future Generation Computer Systems, 2020, 108, 1-14.	4.9	8
7	Grouping sentences as better language unit for extractive text summarization. Future Generation Computer Systems, 2020, 109, 331-359.	4.9	10
8	Strategic Analysis: Evolution of Information System in Cyber-Physical-Social Space. , 2020, , 215-233.		0
9	Strategic Analysis: Construct Symbiotic Network to Create Value. , 2020, , 195-207.		0
10	Cyber-Physical-Social Semantic Link Network. , 2020, , 55-141.		0
11	Semantic Link Network for Understanding and Representing Reality in Cyber-Physical-Social Space—A Model for Managing COVID-19 Pandemic. , 2020, , 245-317.		0
12	Toward Cyber-Physical-Social Science. , 2020, , 341-351.		1
13	Symbiosis on Material-Data-Information-Knowledge Flow Network. , 2020, , 169-194.		0
14	Forward search path count as an alternative indirect citation impact indicator. Journal of Informetrics, 2019, 13, 100977.	1.4	20
15	Semantics, knowledge, and grids at the age of big data and AI. Concurrency Computation Practice and Experience, 2019, 31, e5066.	1.4	2
16	Extractive summarization of documents with images based on multi-modal RNN. Future Generation Computer Systems, 2019, 99, 186-196.	4.9	22
17	Automatic Generation of Survey Paper Based on Template Tree. , 2019, , .		1
18	Discovering Classification Dimensions for Managing Scientific Resources. , 2019, , .		0

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19	Automatic Evaluation of Text Summarization Based on Semantic Link Network. , 2019, , .		3
20	News Image Captioning Based on Text Summarization Using Image as Query. , 2019, , .		10
21	Finding influential users of web event in social media. Concurrency Computation Practice and Experience, 2019, 31, e5029.	1.4	6
22	Automatic generation of related work through summarizing citations. Concurrency Computation Practice and Experience, 2019, 31, e4261.	1.4	25
23	What Size of Language Unit Is More Appropriate for Text Summarization?. , 2018, , .		2
24	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
25	Summarization of Scientific Paper Through Reinforcement Ranking on Semantic Link Network. IEEE Access, 2018, 6, 40611-40625.	2.6	34
26	Abstractive Text-Image Summarization Using Multi-Modal Attentional Hierarchical RNN. , 2018, , .		39
27	Automatic maintenance of category hierarchy. Future Generation Computer Systems, 2017, 67, 1-12.	4.9	7
28	Summarization of Related Work through Citations. , 2016, , .		5
29	Automatic Question Answering Based on Single Document. , 2016, , .		3
30	The Role of Cause-Effect Link within Scientific Paper. , 2016, , .		2
31	An angle-based interest model for text recommendation. Future Generation Computer Systems, 2016, 64, 211-226.	4.9	8
32	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
33	Creative summarization. , 2016, , 153-169.		13
34	Semantics, knowledge and grids. Concurrency Computation Practice and Experience, 2015, 27, 3912-3914.	1.4	0
35	Aimed information quantity in text. Concurrency Computation Practice and Experience, 2015, 27, 3982-4000.	1.4	4
36	Designing a novel linearâ€”time graph kernel for semantic link network. Concurrency Computation Practice and Experience, 2015, 27, 4039-4052.	1.4	4

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37	Topic discovery of clusters from documents with geographical location. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 4015-4038.	1.4	8
38	Sentence Ranking with the Semantic Link Network in Scientific Paper. , 2015, , .		5
39	Automatic faceted navigation. <i>Future Generation Computer Systems</i> , 2014, 32, 187-197.	4.9	8
40	Faceted search, social networking and interactive semantics. <i>World Wide Web</i> , 2014, 17, 589-593.	2.7	5
41	Modeling and navigation of social information networks in metric spaces. <i>World Wide Web</i> , 2014, 17, 649-670.	2.7	3
42	Faceted navigation through keyword interaction. <i>World Wide Web</i> , 2014, 17, 671-689.	2.7	8
43	A framework for automated construction of resource space based on background knowledge. <i>Future Generation Computer Systems</i> , 2014, 32, 222-231.	4.9	10
44	Summarization of scientific documents by detecting common facts in citations. <i>Future Generation Computer Systems</i> , 2014, 32, 246-252.	4.9	29
45	Graph-based algorithms for ranking researchers: not all swans are white!. <i>Scientometrics</i> , 2013, 96, 743-759.	1.6	21
46	Towards an effective and unbiased ranking of scientific literature through mutual reinforcement. , 2012, , .		27
47	Probabilistic Resource Space Model for Managing Resources in Cyber-Physical Society. <i>IEEE Transactions on Services Computing</i> , 2012, 5, 404-421.	3.2	78
48	The Complex Semantic Space Model. , 2011, , .		13
49	Basic operations, completeness and dynamicity of cyber physical socio semantic link network CPSocioâ€SLN. <i>Concurrency Computation Practice and Experience</i> , 2011, 23, 924-939.	1.4	25
50	Automatically constructing semantic link network on documents. <i>Concurrency Computation Practice and Experience</i> , 2011, 23, 956-971.	1.4	21
51	Cyber Physical Socio Ecology. <i>Concurrency Computation Practice and Experience</i> , 2011, 23, 972-984.	1.4	15
52	Semantic linking through spaces for cyber-physical-socio intelligence: A methodology. <i>Artificial Intelligence</i> , 2011, 175, 988-1019.	3.9	218
53	Topological centrality and its eâ€Science applications. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 1824-1841.	2.6	53
54	Interactive semantics. <i>Artificial Intelligence</i> , 2010, 174, 190-204.	3.9	147

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55	The schema theory for semantic link network. Future Generation Computer Systems, 2010, 26, 408-420.	4.9	52
56	Special section: Semantic Link Network. Future Generation Computer Systems, 2010, 26, 359-360.	4.9	3
57	Discovery Dynamic Communities in Semantic Link Network. , 2010, , .		0
58	A Bigtree Index for Resource Space Model. , 2010, , .		1
59	Socio-Natural Thought Semantic Link Network: A Method of Semantic Networking in the Cyber Physical Society. , 2010, , .		42
60	Cyber Physical Society. , 2010, , .		16
61	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
62	A framework for the massive knowledge Web. Concurrency Computation Practice and Experience, 2009, 21, 705-723.	1.4	2
63	Modeling language and tools for the semantic link network. Concurrency Computation Practice and Experience, 2008, 20, 885-902.	1.4	13
64	HRing: A Structured P2P Overlay Based on Harmonic Series. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 145-158.	4.0	30
65	Schema Theory for Semantic Link Network. , 2008, , .		22
66	Resource space model, OWL and database. ACM Transactions on Internet Technology, 2008, 8, 1-31.	3.0	94
67	Distributed Suffix Tree Overlay for Peer-to-Peer Search. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 276-285.	4.0	28
68	The Web Resource Space Model. , 2008, , .		83
69	Algebra and Calculus of the Resource Space Model. , 2007, , .		0
70	Peer-to-Peer in Metric Space and Semantic Space. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 759-771.	4.0	108
71	Networking scientific resources in the Knowledge Grid environment. Concurrency Computation Practice and Experience, 2007, 19, 1087-1113.	1.4	13
72	Autonomous semantic link networking model for the Knowledge Grid. Concurrency Computation Practice and Experience, 2007, 19, 1065-1085.	1.4	88

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73	The potential energy of knowledge flow. Concurrency Computation Practice and Experience, 2007, 19, 2067-2090.	1.4	15
74	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
75	Special section: Semantic grid and knowledge grid. Future Generation Computer Systems, 2007, 23, 281-282.	4.9	3
76	Virtual knowledge service marketâ€”For effective knowledge flow within knowledge grid. Journal of Systems and Software, 2007, 80, 1833-1842.	3.3	36
77	Automatic generation of document semantics for the e-science Knowledge Grid. Journal of Systems and Software, 2006, 79, 969-983.	3.3	43
78	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
79	A semantic-based P2P resource organization model R-Chord. Journal of Systems and Software, 2006, 79, 1619-1631.	3.3	11
80	Knowledge flow network planning and simulation. Decision Support Systems, 2006, 42, 571-592.	3.5	72
81	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
82	Learning with an active e-course in the Knowledge Grid environment. Concurrency Computation Practice and Experience, 2006, 18, 333-356.	1.4	11
83	Discovery of knowledge flow in science. Communications of the ACM, 2006, 49, 101-107.	3.3	110
84	Completeness of Query Operations on Resource Spaces. , 2006, , .		6
85	Algebra model and experiment for semantic link network. International Journal of High Performance Computing and Networking, 2005, 3, 227.	0.4	18
86	QUERY ROUTING IN A PEER-TO-PEER SEMANTIC LINK NETWORK. Computational Intelligence, 2005, 21, 197-216.	2.1	73
87	Future interconnection environment. Computer, 2005, 38, 27-33.	1.2	110
88	Extended resource space model. Future Generation Computer Systems, 2005, 21, 189-198.	4.9	28
89	Knowledge Map: Mathematical Model and Dynamic Behaviors. Journal of Computer Science and Technology, 2005, 20, 289-295.	0.9	14
90	Semantic grid. Communications of the ACM, 2005, 48, 117-119.	3.3	59

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91	A scalable P2P platform for the knowledge grid. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 1721-1736.	4.0	88
92	R-Chord: A Semantic-based Peer Data Management Model. , 2005, , .		3
93	Knowledge Energy in Knowledge Flow Networks. , 2005, , .		9
94	Integrity Theory for Resource Space Model and Its Application. Lecture Notes in Computer Science, 2005, , 8-24.	1.0	20
95	Soft-Device Inheritance in the Knowledge Grid. Lecture Notes in Computer Science, 2005, , 62-78.	1.0	1
96	A Computing Model for Semantic Link Network. Lecture Notes in Computer Science, 2004, , 795-802.	1.0	0
97	Toward the eco-grid. Communications of the ACM, 2004, 47, 78-83.	3.3	47
98	An automatic semantic relationships discovery approach. , 2004, , .		13
99	Flexible retrieval of Web Services. Journal of Systems and Software, 2004, 70, 107-116.	3.3	41
100	Resource space model, its design method and applications. Journal of Systems and Software, 2004, 72, 71-81.	3.3	75
101	Semantic profile-based document logistics for cooperative research. Future Generation Computer Systems, 2004, 20, 47-60.	4.9	7
102	A fuzzy collaborative assessment approach for Knowledge Grid. Future Generation Computer Systems, 2004, 20, 101-111.	4.9	10
103	Resource Space Grid: model, method and platform. Concurrency Computation Practice and Experience, 2004, 16, 1385-1413.	1.4	57
104	Retrieve images by understanding semantic links and clustering image fragments. Journal of Systems and Software, 2004, 73, 455-466.	3.3	28
105	China's e-science knowledge grid environment. IEEE Intelligent Systems, 2004, 19, 13-17.	4.0	177
106	Future Interconnection Environment “ Dream, Principle, Challenge and Practice. Lecture Notes in Computer Science, 2004, , 13-22.	1.0	8
107	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
108	Knowledge Map Model. Lecture Notes in Computer Science, 2004, , 381-388.	1.0	3

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109	Component-based workflow systems development. Decision Support Systems, 2003, 35, 517-536.	3.5	53
110	An inexact model matching approach and its applications. Journal of Systems and Software, 2003, 67, 201-212.	3.3	13
111	Workflow- and agent-based cognitive flow management for distributed team Cooperation. Information and Management, 2003, 40, 419-429.	3.6	42
112	Active e-document framework ADF: model and tool. Information and Management, 2003, 41, 87-97.	3.6	72
113	Active Document Framework ADF: Concept and Method. Lecture Notes in Computer Science, 2003, , 341-346.	1.0	4
114	A knowledge flow model for peer-to-peer team knowledge sharing and management. Expert Systems With Applications, 2002, 23, 23-30.	4.4	152
115	A process matching approach for flexible workflow process reuse. Information and Software Technology, 2002, 44, 445-450.	3.0	34
116	Knowledge flow management for distributed team software development. Knowledge-Based Systems, 2002, 15, 465-471.	4.0	50
117	A federation“agent“ workflow simulation framework for virtual organisation development. Information and Management, 2002, 39, 325-336.	3.6	20
118	KGCL: A Knowledge-Grid-Based Cooperative Learning Environment. Lecture Notes in Computer Science, 2002, , 192-202.	1.0	7
119	A timed workflow process model. Journal of Systems and Software, 2001, 55, 231-243.	3.3	109
120	Communication cost of cognitive co-operation for distributed team development. Journal of Systems and Software, 2001, 57, 227-233.	3.3	12
121	A problem-oriented and rule-based component repository. Journal of Systems and Software, 2000, 50, 201-208.	3.3	15
122	Conflict decision training through multi-space co-operation. Decision Support Systems, 2000, 29, 111-123.	3.5	13
123	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
124	Inheritance rules for flexible model retrieval. Decision Support Systems, 1998, 22, 379-390.	3.5	36
125	Abstraction and analogy in cognitive space: A software process model. Information and Software Technology, 1997, 39, 463-468.	3.0	25
126	Semantics, knowledge and advanced cyber“infrastructure for intelligent applications. Concurrency Computation Practice and Experience, 0, , .	1.4	0