Hongbing Wang

List of Publications by Year
in descending order

29	271	1307594 7	1281871 11
papers	citations	h-index	g-index

29	29	29	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Online Reliability Prediction via Motifs-Based Dynamic Bayesian Networks for Service-Oriented Systems. IEEE Transactions on Software Engineering, 2017, 43, 556-579.	5.6	31
2	Effective BigData-Space Service Selection over Trust and Heterogeneous QoS Preferences. IEEE Transactions on Services Computing, 2018, 11, 644-657.	4.6	27
3	Integrating recurrent neural networks and reinforcement learning for dynamic service composition. Future Generation Computer Systems, 2020, 107, 551-563.	7.5	25
4	Online Reliability Prediction via Long Short Term Memory for Service-Oriented Systems. , 2017, , .		23
5	Performance-Aware Cloud Resource Allocation via Fitness-Enabled Auction. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1160-1173.	5.6	22
6	Adaptive and Dynamic Service Composition via Multi-agent Reinforcement Learning. , 2014, , .		20
7	WS-CDL+ for web service collaboration. Information Systems Frontiers, 2007, 9, 375-389.	6.4	13
8	Learning the Evolution Regularities for BigService-Oriented Online Reliability Prediction. IEEE Transactions on Services Computing, 2019, 12, 398-411.	4.6	13
9	A Quantitative and Qualitative Approach for NFP-Aware Web Service Composition. , 2012, , .		12
10	Web Service Selection with Quantitative and Qualitative User Preferences. , 2011, , .		11
11	A Novel Approach to Allocate Cloud Resource with Different Performance Traits. , 2013, , .		10
12	Multi-Clusters Adaptive Brain Storm Optimization Algorithm for QoS-Aware Service Composition. IEEE Access, 2020, 8, 48822-48835.	4.2	10
13	Reliable Service Composition via Automatic QoS Prediction. , 2013, , .		9
14	Optimal and Effective Web Service Composition with Trust and User Preference. , 2015, , .		8
15	A parallel refined probabilistic approach for QoS-aware service composition. Future Generation Computer Systems, 2019, 98, 609-626.	7.5	6
16	Collaborative Approaches to Complementing Qualitative Preferences of Agents for Effective Service Selection. , 2011, , .		5
17	Integrating Trust with Qualitative and Quantitative Preference for Service Selection. , 2014, , .		5
18	Discovering Web Services to Improve Requirements Decomposition. , 2015, , .		5

#	Article	IF	Citations
19	A Novel Online Reliability Prediction Approach for Service-Oriented Systems. , 2014, , .		4
20	Incorporating both qualitative and quantitative preferences for service recommendation. Journal of Parallel and Distributed Computing, 2018, 114, 46-69.	4.1	4
21	QoS-Based Web Services Selection. , 2007, , .		3
22	A Multi-agent Reinforcement Learning Model for Service Composition. , 2012, , .		1
23	Optimal Self-Healing of Service-Oriented Systems with Incomplete Information. , 2013, , .		1
24	Quality Failure Prediction for the Self-Healing of Service-Oriented System of Systems. , 2014, , .		1
25	QoS prediction of Web service based on US-AWS. Journal of Service Science Research, 2016, 8, 193-205.	0.8	1
26	Measuring similarity of users with qualitative preferences for service selection. Knowledge and Information Systems, 2017, 51, 561-594.	3.2	1
27	Automatic Discovery and Transfer of MAXQ Hierarchies in a Complex System. , 2012, , .		0
28	Personalized service selection using Conditional Preference Networks. Knowledge-Based Systems, 2019, 164, 292-308.	7.1	0
29	COSINE:a software development model integrating collective intelligence, service and ecosystem. , 2020, , .		0