

# Liu Shigang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

217  
citations

9  
h-index

13  
g-index

13  
ext. papers

277  
ext. citations

3.7  
avg, IF

3.49  
L-index

#	Paper	IF	Citations
12	TAESim: A Testbed for IoT Security Analysis of Trigger-Action Environment. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 218-237	0.9	1
11	CD-VulD: Cross-Domain Vulnerability Discovery based on Deep Domain Adaptation. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	9
10	Cyber Vulnerability Intelligence for Internet of Things Binary. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2154-2163	11.9	15
9	DeepBalance: Deep-Learning and Fuzzy Oversampling for Vulnerability Detection. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 1-1	8.3	26
8	A performance evaluation of deep-learnt features for software vulnerability detection. <i>Concurrency Computation Practice and Experience</i> , <b>2019</b> , 31, e5103	1.4	14
7	A comparative study of the class imbalance problem in Twitter spam detection. <i>Concurrency Computation Practice and Experience</i> , <b>2018</b> , 30, e4281	1.4	19
6	Deep-learnt features for Twitter spam detection <b>2018</b> ,		5
5	Addressing the class imbalance problem in Twitter spam detection using ensemble learning. <i>Computers and Security</i> , <b>2017</b> , 69, 35-49	4.9	48
4	Detecting spamming activities in twitter based on deep-learning technique. <i>Concurrency Computation Practice and Experience</i> , <b>2017</b> , 29, e4209	1.4	14
3	Fuzzy-Based Information Decomposition for Incomplete and Imbalanced Data Learning. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1476-1490	8.3	45
2	Statistical Detection of Online Drifting Twitter Spam <b>2016</b> ,		17
1	Fuzzy-Based Feature and Instance Recovery. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 605-615	0.9	4