

Shashank Gupta

List of Publications by Year in descending order

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46
papers

1,001
citations

471371

17
h-index

454834

30
g-index

48
all docs

48
docs citations

48
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Site Scripting (XSS) attacks and defense mechanisms: classification and state-of-the-art. International Journal of Systems Assurance Engineering and Management, 2017, 8, 512-530.	1.5	117
2	A survey on the role of Internet of Things for adopting and promoting Agriculture 4.0. Journal of Network and Computer Applications, 2021, 187, 103107.	5.8	92
3	Role of emerging technologies in future IoT-driven Healthcare 4.0 technologies: a survey, current challenges and future directions. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 361-407.	3.3	63
4	XSS-secure as a service for the platforms of online social network-based multimedia web applications in cloud. Multimedia Tools and Applications, 2018, 77, 4829-4861.	2.6	56
5	Role of machine learning and deep learning in securing 5G-driven industrial IoT applications. Ad Hoc Networks, 2021, 123, 102685.	3.4	54
6	Development of IoT for Smart Agriculture a Review. Advances in Intelligent Systems and Computing, 2019, , 425-432.	0.5	48
7	Detection, Avoidance, and Attack Pattern Mechanisms in Modern Web Application Vulnerabilities. International Journal of Cloud Applications and Computing, 2017, 7, 1-43.	1.1	46
8	XSS-SAFE: A Server-Side Approach to Detect and Mitigate Cross-Site Scripting (XSS) Attacks in JavaScript Code. Arabian Journal for Science and Engineering, 2016, 41, 897-920.	1.1	44
9	PHP-sensor. , 2015, , .		43
10	Enhancing the Browser-Side Context-Aware Sanitization of Suspicious HTML5 Code for Halting the DOM-Based XSS Vulnerabilities in Cloud. International Journal of Cloud Applications and Computing, 2017, 7, 1-31.	1.1	39
11	Hunting for DOM-Based XSS vulnerabilities in mobile cloud-based online social network. Future Generation Computer Systems, 2018, 79, 319-336.	4.9	37
12	JS&CSAN: defense mechanism for HTML5&C based web applications against javascript code injection vulnerabilities. Security and Communication Networks, 2016, 9, 1477-1495.	1.0	28
13	BDS. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 174-191.	0.4	21
14	Enhanced XSS Defensive Framework for Web Applications Deployed in the Virtual Machines of Cloud Computing Environment. Procedia Technology, 2016, 24, 1595-1602.	1.1	20
15	Efficient Service Utilization in Cloud Computing Exploitation Victimization as Revised Rough Set Optimization Service Parameters. Procedia Computer Science, 2015, 70, 610-617.	1.2	19
16	CSSXC: Context-sensitive Sanitization Framework for Web Applications against XSS Vulnerabilities in Cloud Environments. Procedia Computer Science, 2016, 85, 198-205.	1.2	18
17	Smart XSS Attack Surveillance System for OSN in Virtualized Intelligence Network of Nodes of Fog Computing. International Journal of Web Services Research, 2017, 14, 1-32.	0.5	18
18	Designing a XSS Defensive Framework for Web Servers Deployed in the Existing Smart City Infrastructure. Journal of Organizational and End User Computing, 2020, 32, 85-111.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Future IoT-enabled threats and vulnerabilities: State of the art, challenges, and future prospects. International Journal of Communication Systems, 2020, 33, e4443.	1.6	18
20	Auditing Defense against XSS Worms in Online Social Network-Based Web Applications. Advances in Information Security, Privacy, and Ethics Book Series, 2016, , 216-245.	0.4	18
21	Exploitation of Cross-Site Scripting (XSS) Vulnerability on Real World Web Applications and its Defense. International Journal of Computer Applications, 2012, 60, 28-33.	0.2	18
22	Automated Discovery of JavaScript Code Injection Attacks in PHP Web Applications. Procedia Computer Science, 2016, 78, 82-87.	1.2	17
23	Fog computing in enabling 5G-driven emerging technologies for development of sustainable smart city infrastructures. Cluster Computing, 2022, 25, 1111-1154.	3.5	17
24	XSS-immune: a Google chrome extension-based XSS defensive framework for contemporary platforms of web applications. Security and Communication Networks, 2016, 9, 3966-3986.	1.0	15
25	An Infrastructure-Based Framework for the Alleviation of JavaScript Worms from OSN in Mobile Cloud Platforms. Lecture Notes in Computer Science, 2016, , 98-109.	1.0	13
26	Framework for determining the suitability of blockchain: Criteria and issues to consider. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4334.	2.6	11
27	A way forward towards a technology-driven development of industry 4.0 using big data analytics in 5G-enabled IIoT. International Journal of Communication Systems, 2022, 35, .	1.6	11
28	Efficient yet Robust Elimination of XSS Attack Vectors from HTML5 Web Applications Hosted on OSN-Based Cloud Platforms. Procedia Computer Science, 2018, 125, 669-675.	1.2	10
29	ConvXSS: A deep learning-based smart ICT framework against code injection attacks for HTML5 web applications in sustainable smart city infrastructure. Sustainable Cities and Society, 2022, 80, 103765.	5.1	10
30	Alleviating the proliferation of JavaScript worms from online social network in cloud platforms. , 2016, , .		8
31	Detecting Different Attack Instances of DDoS Vulnerabilities on Edge Network of Fog Computing using Gaussian Naive Bayesian Classifier. , 2020, , .		7
32	A client-server JavaScript code rewriting-based framework to detect the XSS worms from online social network. Concurrency Computation Practice and Experience, 2019, 31, e4646.	1.4	6
33	Robust injection point-based framework for modern applications against XSS vulnerabilities in online social networks. International Journal of Information and Computer Security, 2018, 10, 170.	0.2	5
34	A Framework for Preserving the Privacy of Online Users Against XSS Worms on Online Social Network. International Journal of Information Technology and Web Engineering, 2019, 14, 85-111.	1.2	5
35	Defense Against HTML5 XSS Attack Vectors: A Nested Context-Aware Sanitization Technique. , 2018, , .		4
36	POND: polishing the execution of nested context-familiar runtime dynamic parsing and sanitisation of XSS worms on online edge servers of fog computing. International Journal of Innovative Computing and Applications, 2018, 9, 116.	0.2	3

#	ARTICLE	IF	CITATIONS
37	Evaluation and monitoring of XSS defensive solutions: a survey, open research issues and future directions. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, 10, 4377-4405.	3.3	3
38	DOM-Guard: Defeating DOM-Based Injection of XSS Worms in HTML5 Web Applications on Mobile-Based Cloud Platforms. , 2018, , 425-454.		3
39	Robust injection point-based framework for modern applications against XSS vulnerabilities in online social networks. <i>International Journal of Information and Computer Security</i> , 2018, 10, 170.	0.2	3
40	SFC: A Three Layer Smart Phone-Fog-Cloud Framework for Defending Against JavaScript Code Injection Vulnerabilities on OSN. , 2018, , .		2
41	SECâ€H5: Secure and efficient integration of settings of enhanced HTML5 XSS vector defensive framework on edge network of fog nodes. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e5188.	1.4	2
42	RAJIVE: restricting the abuse of JavaScript injection vulnerabilities on cloud data centre by sensing the violation in expected workflow of web applications. <i>International Journal of Innovative Computing and Applications</i> , 2018, 9, 13.	0.2	2
43	Achieving Ambient Intelligence in Addressing the COVID-19 Pandemic Using Fog Computing-Driven IoT. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2022, , 56-92.	0.5	1
44	An Upgraded Object Detection Model for Enhanced Perception and Decision Making in Autonomous Vehicles. , 2022, , .		1
45	Enhancing the Browser-Side Context-Aware Sanitization of Suspicious HTML5 Code for Halting the DOM-Based XSS Vulnerabilities in Cloud. , 2018, , 216-247.		0
46	Smart XSS Attack Surveillance System for OSN in Virtualized Intelligence Network of Nodes of Fog Computing. , 0, , 332-364.		0