Yongqiang Lyu

List of Publications by Year
in descending order

15 papers	237 citations	1478505 6 h-index	1720034 7 g-index
15 all docs	15 docs citations	15 times ranked	229 citing authors

#	Article	IF	Citations
1	VoltJockey. , 2019, , .		62
2	Measuring Photoplethysmogram-Based Stress-Induced Vascular Response Index to Assess Cognitive Load and Stress. , 2015, , .		39
3	High-performance scheduling model for multisensor gateway of cloud sensor system-based smart-living. Information Fusion, 2015, 21, 42-56.	19.1	24
4	VoltJockey: Breaking SGX by Software-Controlled Voltage-Induced Hardware Faults. , 2019, , .		23
5	Evaluating Photoplethysmogram as a Real-Time Cognitive Load Assessment during Game Playing. International Journal of Human-Computer Interaction, 2018, 34, 695-706.	4.8	17
6	VoltJockey: A New Dynamic Voltage Scaling-Based Fault Injection Attack on Intel SGX. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 1130-1143.	2.7	16
7	Touch Sense. , 2018, 2, 1-18.		15
8	Designing and optimizing a healthcare kiosk for the community. Applied Ergonomics, 2015, 47, 157-169.	3.1	13
9	Towards Optimal Request Mapping and Response Routing for Content Delivery Networks. IEEE Transactions on Services Computing, 2021, 14, 606-613.	4.6	10
10	Assessing cognitive load in adolescent and adult students using photoplethysmogram morphometrics. Cognitive Neurodynamics, 2020, 14, 709-721.	4.0	7
11	DynaComm: Accelerating Distributed CNN Training Between Edges and Clouds Through Dynamic Communication Scheduling. IEEE Journal on Selected Areas in Communications, 2022, 40, 611-625.	14.0	6
12	Mitigating Adversarial Attacks for Deep Neural Networks by Input Deformation and Augmentation. , 2020, , .		5
13	JOSP: Joint Optimization of Flow Path Scheduling and Virtual Network Function Placement for Delay-Sensitive Applications. Mobile Networks and Applications, 0, , 1.	3.3	0
14	DVFSspy: Using Dynamic Voltage and Frequency Scaling as a Covert Channel for Multiple Procedures. , 2022, , .		0
15	CacheGuard: A Behavior Model Checker for Cache Timing Side-Channel Security: (Invited Paper). , 2022, , .		0