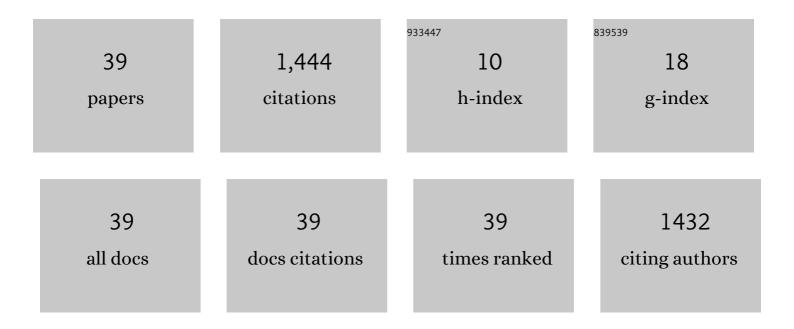
## Fadi Aloul

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/62049/publications.pdf Version: 2024-02-01



IF # ARTICLE CITATIONS Generative Deep Learning to Detect Cyberattacks for the IoT-23 Dataset. IEEE Access, 2022, 10, 6430-6441. Network Intrusion Detection on the IoT Edge Using Adversarial Autoencoders., 2021,,. 9 6 FPGA Realizations of Chaotic Epidemic and Disease Models Including Covid-19. IEEE Access, 2021, 9, 4.2 21085-21093. Towards Validating the Effectiveness of Obstructive Sleep Apnea Classification from Electronic 2.0 17 Health Records Using Machine Learning. Healthcare (Switzerland), 2021, 9, 1450. A Machine Learning Approach to Predicting Diabetes Complications. Healthcare (Switzerland), 2021, 9, 1712. 6 Digital Twin Conceptual Model within the Context of Internet of Things. Future Internet, 2020, 12, 163. 3.8 54 Design4Health Bootcamp: A design thinking approach to improve the 21stcentury skills of health, engineering and design students., 2020, , . Using Mobiles to Monitor Respiratory Diseases. Informatics, 2020, 7, 56. 8 3.9 4 Improving Student Experience Using Automated Toolset of Academic Services., 2020,,. Two-Dimensional Rotation of Chaotic Attractors: Demonstrative Examples and FPGA Realization. 10 2.0 17 Circuits, Systems, and Signal Processing, 2019, 38, 4890-4903. Detecting Heart Anomalies Using Mobile Phones and Machine Learning., 2019, , . 12 Securing Low-Resource Edge Devices for IoT Systems., 2018,,. 16 Cyber Physical Sensors System Security: Threats, Vulnerabilities, and Solutions., 2018, , . Brokering Services for Integrating Health Cloud Platforms for Remote Patient Monitoring., 2018, , . 14 6 DigiMesh-based Social Internet of Vehicles (SIoV) for Driver Safety., 2018, , . MobSpiro: Mobile based spirometry for detecting COPD., 2017,,. 16 17 Emotion recognition using mobile phones. Computers and Electrical Engineering, 2017, 60, 1-13. 4.8 24

18 AutiAid: A learning mobile application for autistic children. , 2017, , .

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#	Article	IF	CITATIONS
19	ParkNosis: Diagnosing Parkinson's disease using mobile phones. , 2016, , .		18
20	Emotion recognition using mobile phones. , 2016, , .		11
21	Smart grid cyber security: Challenges and solutions. , 2015, , .		54
22	Internet of things (IoT) security: Current status, challenges and prospective measures. , 2015, , .		392
23	Security of mobile health (mHealth) systems. , 2015, , .		30
24	A case study of a college-wide first-year undergraduate engineering course. European Journal of Engineering Education, 2015, 40, 32-51.	2.3	7
25	iBump: Smartphone application to detect car accidents. Computers and Electrical Engineering, 2015, 43, 66-75.	4.8	33
26	Real traffic logs creation for testing intrusion detection systems. Wireless Communications and Mobile Computing, 2015, 15, 1851-1864.	1.2	3
27	iBump: Smartphone application to detect car accidents. , 2014, , .		13
28	Classifying obstructive sleep apnea using smartphones. Journal of Biomedical Informatics, 2014, 52, 251-259.	4.3	74
29	Optimizing Complex Cluster Formation in MANETs Using SAT/ILP Techniques. IEEE Sensors Journal, 2013, 13, 2400-2412.	4.7	23
30	A SAT-based approach to solve the faculty course scheduling problem. , 2013, , .		1
31	Sleep Apnea Monitoring using mobile phones. , 2012, , .		41
32	Using SAT & ILP techniques to solve enhanced ILP formulations of the Clustering Problem in MANETS. , 2012, , .		2
33	Monitoring patients' signs wirelessly. , 2011, , .		4
34	Updating snort with a customized controller to thwart port scanning. Security and Communication Networks, 2011, 4, 807-814.	1.5	8
35	M-stock: Efficient stock monitoring for mobile users. Journal of the Franklin Institute, 2011, 348, 1298-1311.	3.4	1
36	Monitoring Patients' Signs Wirelessly. Journal of Medical Imaging and Health Informatics, 2011, 1, 252-255.	0.3	1

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#	Article		IF	CITATIONS
37	A Mobile GPRS-Sensors Array for Air Pollution Monitoring. IEEE Sensors Journal, 2010,	10, 1666-1671.	4.7	248
38	Two factor authentication using mobile phones. , 2009, , .			156
39	A comparative study of two Boolean formulations of FPGA detailed routing constraint Transactions on Computers, 2004, 53, 688-696.	s. IEEE	3.4	76