

Sougata Sen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3576279/publications.pdf>

Version: 2024-02-01

31
papers

473
citations

2258059

3
h-index

1872680

6
g-index

33
all docs

33
docs citations

33
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Auracle. , 2018, 2, 1-27.		79
2	The case for smartwatch-based diet monitoring. , 2015, , .		65
3	NeckSense. , 2020, 4, 1-26.		47
4	iSense. , 2009, , .		31
5	Putting "pressure"™ on mobile authentication. , 2014, , .		28
6	Evaluating the Reproducibility of Physiological Stress Detection Models. , 2020, 4, 1-29.		26
7	Continuous Detection of Physiological Stress with Commodity Hardware. ACM Transactions on Computing for Healthcare, 2020, 1, 1-30.	5.0	23
8	The Case for a Commodity Hardware Solution for Stress Detection. , 2018, , .		21
9	Applications and Techniques for Fast Machine Learning in Science. Frontiers in Big Data, 2022, 5, 787421.	2.9	20
10	Accommodating user diversity for in-store shopping behavior recognition. , 2014, , .		18
11	IoT+Small Data: Transforming in-store shopping analytics & services. , 2016, , .		14
12	Annapurna: Building a Real-World Smartwatch-Based Automated Food Journal. , 2018, , .		13
13	Annapurna: An automated smartwatch-based eating detection and food journaling system. Pervasive and Mobile Computing, 2020, 68, 101259.	3.3	12
14	Did you take a break today? Detecting playing foosball using your smartwatch. , 2016, , .		11
15	Experiences in Building a Real-World Eating Recogniser. , 2017, , .		11
16	Inferring smartphone keypress via smartwatch inertial sensing. , 2017, , .		9
17	The case for cloud-enabled mobile sensing services. , 2012, , .		8
18	Using infrastructure-provided context filters for efficient fine-grained activity sensing. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
19	A Comparative Study between ECG-based and PPG-based Heart Rate Monitors for Stress Detection. , 2022, , .		7
20	Random Walk on Random Graph based Outlier Detection in Wireless Sensor Networks. , 2007, , .		4
21	<i>VibeRing</i>. , 2020, , .		4
22	Cloud-Based Query Evaluation for Energy-Efficient Mobile Sensing. , 2014, , .		3
23	VibeRing: Using vibrations from a smart ring as an out-of-band channel for sharing secret keys. Pervasive and Mobile Computing, 2021, 78, 101505.	3.3	3
24	I 4 S. , 2018, , .		2
25	Cloud-based query evaluation for energy-efficient mobile sensing. Pervasive and Mobile Computing, 2017, 38, 257-274.	3.3	1
26	Smart monitoring via participatory BLE relaying. , 2018, , .		1
27	Using vibrations from a SmartRing as an out-of-band channel for sharing secret keys. , 2019, , .		1
28	Exploring the Challenges of Using Food Journaling Apps: A Case-study with Young Adults. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 57-83.	0.3	1
29	Opportunities and challenges in multi-modal sensing for regular lifestyle tracking. , 2015, , .		0
30	MobiSys 2016. IEEE Pervasive Computing, 2016, 15, 85-88.	1.3	0
31	Pervasive physical analytics using multi-modal sensing. , 2016, , .		0