

Sougata Sen

List of Publications by Year in descending order

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31
papers

473
citations

2258059

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h-index

1872680

6
g-index

33
all docs

33
docs citations

33
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparative Study between ECG-based and PPG-based Heart Rate Monitors for Stress Detection. , 2022, , .		7
2	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
3	Applications and Techniques for Fast Machine Learning in Science. Frontiers in Big Data, 2022, 5, 787421.	2.9	20
4	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
5	Annapurna: An automated smartwatch-based eating detection and food journaling system. Pervasive and Mobile Computing, 2020, 68, 101259.	3.3	12
6	Continuous Detection of Physiological Stress with Commodity Hardware. ACM Transactions on Computing for Healthcare, 2020, 1, 1-30.	5.0	23
7	NeckSense. , 2020, 4, 1-26.		47
8	Evaluating the Reproducibility of Physiological Stress Detection Models. , 2020, 4, 1-29.		26
9	<i>VibeRing</i>. , 2020, , .		4
10	Using vibrations from a SmartRing as an out-of-band channel for sharing secret keys. , 2019, , .		1
11	Smart monitoring via participatory BLE relaying. , 2018, , .		1
12	The Case for a Commodity Hardware Solution for Stress Detection. , 2018, , .		21
13	I 4 S. , 2018, , .		2
14	Auracle. , 2018, 2, 1-27.		79
15	Annapurna: Building a Real-World Smartwatch-Based Automated Food Journal. , 2018, , .		13
16	Cloud-based query evaluation for energy-efficient mobile sensing. Pervasive and Mobile Computing, 2017, 38, 257-274.	3.3	1
17	Inferring smartphone keypress via smartwatch inertial sensing. , 2017, , .		9
18	Experiences in Building a Real-World Eating Recogniser. , 2017, , .		11

#	ARTICLE	IF	CITATIONS
19	MobiSys 2016. IEEE Pervasive Computing, 2016, 15, 85-88.	1.3	0
20	IoT+Small Data: Transforming in-store shopping analytics & services. , 2016, , .		14
21	Did you take a break today? Detecting playing foosball using your smartwatch. , 2016, , .		11
22	Pervasive physical analytics using multi-modal sensing. , 2016, , .		0
23	The case for smartwatch-based diet monitoring. , 2015, , .		65
24	Using infrastructure-provided context filters for efficient fine-grained activity sensing. , 2015, , .		8
25	Opportunities and challenges in multi-modal sensing for regular lifestyle tracking. , 2015, , .		0
26	Accommodating user diversity for in-store shopping behavior recognition. , 2014, , .		18
27	Cloud-Based Query Evaluation for Energy-Efficient Mobile Sensing. , 2014, , .		3
28	Putting "pressure"™ on mobile authentication. , 2014, , .		28
29	The case for cloud-enabled mobile sensing services. , 2012, , .		8
30	iSense. , 2009, , .		31
31	Random Walk on Random Graph based Outlier Detection in Wireless Sensor Networks. , 2007, , .		4