Denzil St Ferreira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83 papers	1,825 citations	24 h-index	40 g-index
101 ext. papers	2,374 ext. citations	3.5 avg, IF	5.21 L-index

#	Paper	IF	Citations
83	Mood ratings and digital biomarkers from smartphone and wearable data differentiates and predicts depression status: A longitudinal data analysis. *Pervasive and Mobile Computing*, **2022**, 83, 101621	3.5	1
82	Me in the Wild: An Exploratory Study Using Smartphones to Detect the Onset of Depression. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2022**, 121-145	0.2	0
81	Digital Biomarkers of Symptom Burden Self-Reported by Perioperative Patients Undergoing Pancreatic Surgery: Prospective Longitudinal Study. *JMIR Cancer*, **2021**, 7, e27975	3.2	5
80	CARE: Context-awareness for elderly care. *Health and Technology*, **2021**, 11, 211-226	2.1	2
79	Deep Learning-Based Multimodal Data Fusion: Case Study in Food Intake Episodes Detection Using Wearable Sensors. *JMIR MHealth and UHealth*, **2021**, 9, e21926	5.5	6
78	Understanding usage style transformation during long-term smartwatch use. *Personal and Ubiquitous Computing*, **2021**, 25, 535-549	2.1	1
77	Predicting Depression From Smartphone Behavioral Markers Using Machine Learning Methods, Hyperparameter Optimization, and Feature Importance Analysis: Exploratory Study. *JMIR MHealth and UHealth*, **2021**, 9, e26540	5.5	11
76	Predicting Symptoms of Depression and Anxiety Using Smartphone and Wearable Data. *Frontiers in Psychiatry*, **2021**, 12, 625247	5	26
75	Let's Draw: Detecting and Measuring Parkinson's Disease on Smartphones **2020**,		6
74	Using iOS for inconspicuous data collection **2020**,		1
73	IOS CrowdSensing Won't Hurt a Bit!: AWARE Framework and Sustainable Study Guideline for iOS Platform. *Lecture Notes in Computer Science*, **2020**, 223-243	0.9	4
72	Smartphone-Based Monitoring of Parkinson Disease: Quasi-Experimental Study to Quantify Hand Tremor Severity and Medication Effectiveness. *JMIR MHealth and UHealth*, **2020**, 8, e21543	5.5	6
71	When phones get personal: Predicting Big Five personality traits from application usage. *Pervasive and Mobile Computing*, **2020**, 69, 101269	3.5	10
70	Context-Informed Scheduling and Analysis **2019**,		11
69	Continuous Authentication of Smartphones Based on Application Usage. *IEEE Transactions on Biometrics, Behavior, and Identity Science*, **2019**, 1, 165-180	4.3	23
68	Measuring Parkinson's disease motor symptoms with smartphone-based drawing tasks **2019**,		2
67	Challenges of Parkinson's Disease **2019**,		3

66	Learning-Assisted Optimization in Mobile Crowd Sensing: A Survey. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 15-22	11.9	20
65	Energy-efficient prediction of smartphone unlocking. *Personal and Ubiquitous Computing*, **2019**, 23, 159-177		1
64	Effect of experience sampling schedules on response rate and recall accuracy of objective self-reports. *International Journal of Human Computer Studies*, **2019**, 125, 118-128	4.6	27
63	The Experience Sampling Method on Mobile Devices. *ACM Computing Surveys*, **2018**, 50, 1-40	13.4	115
62	Mobile phone sensors and supervised machine learning to identify alcohol use events in young adults: Implications for just-in-time adaptive interventions. *Addictive Behaviors*, **2018**, 83, 42-47	4.2	61
61	Identifying bottlenecks in work processes: Elderly care **2018**,		2
60	Assisted Medication Management in Elderly Care Using Miniaturised Near-Infrared Spectroscopy **2018**, 2, 1-24		10
59	Mobile-based Monitoring of Parkinson's Disease **2018**,		5
58	Enabling Mid-air Browser Interaction with Leap Motion **2018**,		1
57	STOP **2018**,		3
56	Ubiquitous Mobile Sensing **2018**,		2
55	Human Sensors. *Understanding Complex Systems*, **2017**, 69-92	0.4	5
54	Human Sensors on the Move. *Understanding Complex Systems*, **2017**, 9-19	0.4	9
53	Environmental exposure assessment using indoor/outdoor detection on smartphones. *Personal and Ubiquitous Computing*, **2017**, 21, 761-773	2.1	11
52	Are Smartphones Ubiquitous?: An in-depth survey of smartphone adoption by seniors. *IEEE Consumer Electronics Magazine*, **2017**, 6, 104-110	3.2	84
51	Designing a context-aware assistive infrastructure for elderly care **2017**,		6
50	TestAWARE **2017**, 1, 1-29		6
49	Exploring mobile ad formats to increase brand recollection and enhance user experience **2017**,		4

48	Towards altruistic data quality assessment for mobile sensing **2017**,		3
47	Predicting interruptibility for manual data collection **2017**,		12
46	Quantifying Sources and Types of Smartwatch Usage Sessions **2017**,		24
45	Vision-based happiness inference **2017**,		6
44	Detecting Drinking Episodes in Young Adults Using Smartphone-based Sensors. **2017**, 1,		32
43	Social-aware hybrid mobile offloading. *Pervasive and Mobile Computing*, **2017**, 36, 25-43	3.5	32
42	A Framework for Capturing Creativity in Digital Fabrication. *Design Journal*, **2017**, 20, S3659-S3668	0.6	12
41	Where□s everybody? Comparing the use of heatmaps to uncover cities□tacit social context in smartphones and pervasive displays. *Information Technology and Tourism*, **2017**, 17, 399-427	4.8	6
40	Understanding elderly care **2017**,		4
39	Estimation of Symptom Severity During Chemotherapy From Passively Sensed Data: Exploratory Study. *Journal of Medical Internet Research*, **2017**, 19, e420	7.6	38
38	Modelling smartphone usage **2016**,		16
37	Online? **2016**,		1
36	Cyclist-aware traffic lights through distributed smartphone sensing. *Pervasive and Mobile Computing*, **2016**, 31, 22-36	3.5	13
35	Practical simulation of virtual crowds using points of interest. *Computers, Environment and Urban Systems*, **2016**, 57, 118-129	5.9	14
34	Monetary Assessment of Battery Life on Smartphones **2016**,		22
33	A Systematic Assessment of Smartphone Usage Gaps **2016**,		34
32	Indoor light scavenging on smartphones **2016**,		2
31	How to validate mobile crowdsourcing design? leveraging data integration in prototype testing **2016**,		4

30	Donating Context Data to Science: The Effects of Social Signals and Perceptions on Action-Taking. *Interacting With Computers*, **2016**,	1.6	2
29	Social-aware device-to-device communication **2016**,		9
28	Securacy **2015**,		26
27	Understanding the Challenges of Mobile Phone Usage Data **2015**,		37
26	The Rise of Ubiquitous Instrumentation. *Frontiers in ICT*, **2015**, 2,	3.6	1
25	AWARE: Mobile Context Instrumentation Framework. *Frontiers in ICT*, **2015**, 2,	3.6	162
24	The curse of quantified-self **2015**,		16
23	Bazaar **2015**,		3
22	Revisitation analysis of smartphone app use **2015**,		49
21	Mobile cloud storage **2014**,		12
20	CHI 1994-2013 **2014**,		84
19	Game of words **2014**,		48
18	Situated crowdsourcing using a market model **2014**,		41
17	**2014**,		18
16	Identity crisis of ubicomp? **2014**,		22
15	Contextual experience sampling of mobile application micro-usage **2014**,		85
14	Projective testing of diurnal collective emotion **2014**,		26
13	Ubiquitous mobile instrumentation **2013**,		2

12	Crowdsourcing on the spot **2013**,		59
11	Revisiting human-battery interaction with an interactive battery interface **2013**,		42
10	HotCity **2013**,		7
9	Testdroid **2012**,		39
8	Web tool for traffic engineers **2012**,		7
7	Towards multi-application public interactive displays **2012**,		9
6	Lessons Learned from Large-Scale User Studies. *International Journal of Mobile Human Computer Interaction*, **2012**, 4, 28-43	0.8	22
5	Getting closer **2011**,		120
4	Understanding Human-Smartphone Concerns: A Study of Battery Life. *Lecture Notes in Computer Science*, **2011**, 19-33	0.9	90
3	Improving Users Consistency When Recalling Location Sharing Preferences. *Lecture Notes in Computer Science*, **2011**, 380-387	0.9	3
2	Informing Caregivers Through an Assistive Tool: An Investigation of Elderly Care Metrics		4
1	Challenges of Quantified-Self: Encouraging Self-Reported Data Logging During Recurrent Smartphone Usage		5