

Josiah Hester

List of Publications by Year in descending order

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42
papers

1,068
citations

1477746

6
h-index

1588620

8
g-index

46
all docs

46
docs citations

46
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Timely Execution on Intermittently Powered Batteryless Sensors. , 2017, , .		116
2	The Future of Sensing is Batteryless, Intermittent, and Awesome. , 2017, , .		111
3	Flicker. , 2017, , .		83
4	InK. , 2018, , .		79
5	Tragedy of the Coulombs. , 2015, , .		75
6	Reliable Timekeeping for Intermittent Computing. , 2020, , .		57
7	Time-sensitive Intermittent Computing Meets Legacy Software. , 2020, , .		56
8	Persistent Clocks for Batteryless Sensing Devices. Transactions on Embedded Computing Systems, 2016, 15, 1-28.	2.1	53
9	Battery-Free Game Boy. , 2020, 4, 1-34.		51
10	NeckSense. , 2020, 4, 1-26.		47
11	Amulet. , 2016, , .		46
12	Ekho. , 2014, , .		36
13	Ekho. , 2014, , .		33
14	REHASH. , 2021, 5, 1-42.		20
15	Realistic Simulation for Tiny Batteryless Sensors. , 2016, , .		19
16	To Mask or Not to Mask?. , 2019, 3, 1-29.		19
17	Counting Bites With Bits: Expert Workshop Addressing Calorie and Macronutrient Intake Monitoring. Journal of Medical Internet Research, 2019, 21, e14904.	2.1	19
18	FaceBit. , 2021, 5, 1-44.		19

#	ARTICLE	IF	CITATIONS
19	uRespond: iPad as Interactive, Personal Response System. Journal of Chemical Education, 2014, 91, 357-363.	1.1	16
20	Realistic and Repeatable Emulation of Energy Harvesting Environments. ACM Transactions on Sensor Networks, 2017, 13, 1-33.	2.3	13
21	BFree. , 2020, 4, 1-39.		13
22	Experience. , 2019, 2019, .		13
23	Remote and Wireless Long-term Vibration Monitoring of Historic Monuments. Procedia Engineering, 2017, 199, 3302-3307.	1.2	10
24	Classroom Uses for BeSocratic. Human-computer Interaction Series, 2015, , 127-136.	0.4	8
25	Deploying Data-Driven Security Solutions on Resource-Constrained Wearable IoT Systems. , 2017, , .		7
26	Making sense of intermittent energy harvesting. , 2018, , .		7
27	Batteries not included. Xrds, 2019, 26, 23-27.	0.2	7
28	Battery-free MakeCode. , 2022, 6, 1-35.		7
29	ActiSight: Wearer Foreground Extraction Using a Practical RGB-Thermal Wearable. , 2022, , .		5
30	Backing out of backscatter for intermittent wireless networks. , 2018, , .		4
31	WARio: efficient code generation for intermittent computing. , 2022, , .		4
32	Feasibility of multi-tenancy on intermittent power. , 2018, , .		3
33	Enabling sustainable sensing in adverse environments. , 2013, , .		2
34	Shoulder Angel: An Open Platform for Reprogramming Wayward Wireless Sensors. IEEE Embedded Systems Letters, 2016, 8, 73-76.	1.3	1
35	Personalized Medicine in the Wearable Era. , 2017, , .		1
36	Holistic Energy Management with $\hat{1}/4$ Processor Co-Optimization in Fully Integrated Battery-Less IoTs. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	The Energy Harvesting Mode Abstraction. , 2018, , .		1
38	Battery-Free Game Boy. GetMobile (New York, N Y), 2021, 25, 22-26.	0.7	1
39	The Amulet Wearable Platform. , 2016, , .		1
40	AdaSens: Adaptive Environment Monitoring by Coordinating Intermittently-Powered Sensors. , 2022, , .		1
41	Sophisticated Sensing on Transient Power. , 2015, , .		0
42	On the Accuracy of Network Synchronization Using Persistent Hourglass Clocks. , 2019, , .		0