

Pai H Chou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12036021/publications.pdf>

Version: 2024-02-01

31
papers

583
citations

1307594

7
h-index

1372567

10
g-index

31
all docs

31
docs citations

31
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Burst-transfer boost charger for supercapacitors from subwatt-scale harvesting sources. Journal of Power Sources, 2022, 520, 230745.	7.8	2
2	Deep Learning-Based Real-Time Activity Recognition with Multiple Inertial Sensors. , 2022, , .		3
3	An Imu-Based Wearable Ring For On-Surface Handwriting Recognition. , 2020, , .		4
4	EcoSim: A Smartphone-Based Sensor-Node Emulator with Native Sensors and Protocol Stack. , 2019, , .		1
5	EcoMicro. , 2018, , .		7
6	EcoLoc. , 2017, , .		0
7	Complexity reduction techniques in music-based EEG source localization. , 2016, , .		1
8	A Long-Range Directional Wake-Up Radio for Wireless Mobile Networks. Journal of Sensor and Actuator Networks, 2015, 4, 189-207.	3.9	3
9	Energy Harvesting with Supercapacitor-Based Energy Storage. , 2015, , 215-241.		12
10	A Smart Energy System with Distributed Access Control. , 2014, , .		3
11	Greendicator: Enabling Optical Pulse-Encoded Data Output from WSN for Display on Smartphones. , 2014, , .		0
12	A Recursive Solution for Power-Transmission Loss in DC-Powered Networks. Energies, 2014, 7, 7519-7534.	3.1	0
13	Energy harvesting from anti-corrosion power sources. , 2014, , .		3
14	MobiRing: A Finger-Worn Wireless Motion Tracker. , 2014, , .		2
15	Smart Insulating Container with Anti-theft Features by M2M Tracking. , 2014, , .		3
16	EcoBT: Miniature, Versatile Mote Platform Based on Bluetooth Low Energy Technology. , 2014, , .		5
17	Middleware for IoT-Cloud Integration Across Application Domains. IEEE Design and Test, 2014, 31, 21-31.	1.2	9
18	Size and Topology Optimization for Supercapacitor-Based Sub-Watt Energy Harvesters. IEEE Transactions on Power Electronics, 2013, 28, 2068-2080.	7.9	85

#	ARTICLE	IF	CITATIONS
19	Remote structural health monitoring systems for next generation SCADA. Smart Structures and Systems, 2013, 11, 511-531.	1.9	7
20	Embedded Damage Detection in Water Pipelines Using Wireless Sensor Networks. , 2012, , .		15
21	Energy harvesting by sweeping voltage-escalated charging of a reconfigurable supercapacitor array. , 2011, , .		11
22	Design and Performance Analysis of Supercapacitor Charging Circuits for Wireless Sensor Nodes. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 391-402.	3.6	61
23	DuraCap. , 2010, , .		38
24	EcoIMU: A Dual Triaxial-Accelerometer Inertial Measurement Unit for Wearable Applications. , 2010, , .		12
25	EcoSpire: An Application Development Kit for an Ultra-Compact Wireless Sensing System. IEEE Embedded Systems Letters, 2009, 1, 65-68.	1.9	8
26	Automated Power Control for Mobile Laser Speckle Imaging System. IEEE Embedded Systems Letters, 2009, 1, 73-76.	1.9	2
27	EcoPlex: Empowering compact wireless sensor platforms via roaming and interoperability support. , 2009, , .		4
28	Efficient Charging of Supercapacitors for Extended Lifetime of Wireless Sensor Nodes. IEEE Transactions on Power Electronics, 2008, 23, 1526-1536.	7.9	244
29	EcoDAQ: A Densely Distributed, High Bandwidth Wireless Data Acquisition System. , 2008, , .		0
30	Maximizing efficiency of solar-powered systems by load matching. , 2004, , .		26
31	IMPACCT: Methodology and Tools for Power-Aware Embedded Systems. Design Automation for Embedded Systems, 2002, 7, 205-232.	1.0	12