

# Chun-Han Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

232  
citations

1684188

5  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

197  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Backlight Scaling Optimization: A Cloud-Based Energy-Saving Service for Mobile Streaming Applications. IEEE Transactions on Computers, 2014, 63, 335-348.	3.4	41
2	Catch Your Attention. , 2014, , .		30
3	On Maximizing the Throughput of Convergecast in Wireless Sensor Networks. , 2008, , 396-408.		26
4	HomeRun. , 2018, , .		24
5	Everything Leaves Footprints: Hardware Accelerated Intermittent Deep Inference. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 3479-3491.	2.7	23
6	CURA. Transactions on Embedded Computing Systems, 2016, 15, 1-25.	2.9	17
7	Sensor-Deployment Strategies for Indoor Robot Navigation. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 388-398.	2.9	14
8	A win-win camera: Quality-enhanced power-saving images on mobile OLED displays. , 2015, , .		13
9	Catch your attention: Quality-retaining power saving on mobile OLED displays. , 2014, , .		7
10	Constrained multiple deployment problem in wireless sensor networks with guaranteed lifetimes. Wireless Networks, 2011, 17, 385-396.	3.0	6
11	Region Abstraction for Event Tracking in Wireless Sensor Networks. , 0, , .		4
12	A Low-Cost Method for Measuring Surface Currents and Modeling Drifting Objects. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 980-989.	4.7	4
13	A Quality-Retaining Power-Saving Framework for Video Applications on Mobile OLED Displays. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1771-1784.	8.3	4
14	More Is Less: Model Augmentation for Intermittent Deep Inference. Transactions on Embedded Computing Systems, 2022, 21, 1-26.	2.9	4
15	A Cloud-Based Offloading Service for Computation-Intensive Mobile Applications. , 2015, , .		3
16	Automatic opinion leader recognition in group discussions. , 2016, , .		3
17	Emergency application for Vehicle-to-Vehicle Communication using Named Data Networking (eVNDN). , 2016, , .		3
18	On-demand Misbehavior Detection for Vehicular Ad Hoc Network. International Journal of Distributed Sensor Networks, 2016, 12, 155014771667392.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Quality-Enhanced OLED Power Savings on Mobile Devices. ACM Transactions on Design Automation of Electronic Systems, 2019, 24, 1-25.	2.6	2
20	Periphery deployment for wireless sensor systems with guaranteed coverage percentage. Journal of Systems and Software, 2011, 84, 763-774.	4.5	1
21	Scheduling algorithms and routing structures for efficient convergecast in wireless sensor networks. International Journal of Pervasive Computing and Communications, 2010, 6, 4-18.	1.3	0
22	FLASH: Content-based Power-saving Design for Scrolling Operations in Browser Applications on Mobile OLED Devices. , 2019, , .		0