

# Kun-Chan Lan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1163178/publications.pdf>

Version: 2024-02-01

30  
papers

580  
citations

1163117

8  
h-index

996975

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

692  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Opportunistic Networks. , 2008, , .		185
2	A Feasibility Study on Vehicle-to-Infrastructure Communication: WiFi vs. WiMAX. , 2009, , .		61
3	A Compressibility-Based Clustering Algorithm for Hierarchical Compressive Data Gathering. IEEE Sensors Journal, 2017, 17, 2550-2562.	4.7	43
4	Realistic mobility models for Vehicular Ad hoc Network (VANET) simulations. , 2008, , .		35
5	Gait Monitoring for Early Neurological Disorder Detection Using Sensors in a Smartphone: Validation and a Case Study of Parkinsonism. Telemedicine Journal and E-Health, 2016, 22, 75-81.	2.8	34
6	Automated tongue diagnosis on the smartphone and its applications. Computer Methods and Programs in Biomedicine, 2019, 174, 51-64.	4.7	28
7	Robot-Controlled Acupuncture—An Innovative Step towards Modernization of the Ancient Traditional Medical Treatment Method. Medicines (Basel, Switzerland), 2019, 6, 87.	1.4	25
8	Color Correction Parameter Estimation on the Smartphone and Its Application to Automatic Tongue Diagnosis. Journal of Medical Systems, 2016, 40, 18.	3.6	24
9	Using off-the-shelf lossy compression for wireless home sleep staging. Journal of Neuroscience Methods, 2015, 246, 142-152.	2.5	19
10	Indoor Location Learning Over Wireless Fingerprinting System With Particle Markov Chain Model. IEEE Access, 2019, 7, 8713-8725.	4.2	16
11	Wireless multihop backhauls for rural areas: A preliminary study. PLoS ONE, 2017, 12, e0175358.	2.5	13
12	Implementation of a Wireless Mesh Network Testbed for Traffic Control. , 2007, , .		12
13	On the locality of vehicle movement for vehicle-infrastructure communication. , 2008, , .		11
14	The Application of 3D Morphable Model (3DMM) for Real-Time Visualization of Acupoints on a Smartphone. IEEE Sensors Journal, 2021, 21, 3289-3300.	4.7	9
15	On the Feasibility of Using 802.11p for Communication of Electronic Toll Collection Systems. , 2011, , .		8
16	Slow Breathing Exercise with Multimodal Virtual Reality: A Feasibility Study. Sensors, 2021, 21, 5462.	3.8	8
17	Improving TCP performance over an on-board multi-homed network. , 2012, , .		7
18	Recognition of Easily-confused TCM Herbs Using Deep Learning. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
19	On the feasibility of using public transport as data mules for traffic monitoring. , 2008, , .		6
20	Using Vehicular Sensor Networks for Mobile Surveillance. , 2012, , .		6
21	Implementation of a Wireless Sensor Network for Heart Rate Monitoring in a Senior Center. Telemedicine Journal and E-Health, 2015, 21, 493-498.	2.8	6
22	Feasibility study of using FM radio for data transmission in a vehicular network. , 2010, , .		4
23	Using body sensor networks for motion detection: a cluster-based approach for green radio. Transactions on Emerging Telecommunications Technologies, 2014, 25, 199-216.	3.9	4
24	Localized data dissemination in vehicular sensing networks. , 2009, , .		3
25	Experiences from deploying a heart rate monitoring system in a senior center. , 2013, , .		2
26	Effects of driving behaviour on vehicle cluster formation and its application. IET Intelligent Transport Systems, 2014, 8, 453-463.	3.0	1
27	MetroNet: a disruption-tolerant approach for mobile downloads on metro systems. Transactions on Emerging Telecommunications Technologies, 2014, 25, 835-851.	3.9	1
28	Robot-Assisted Acupuncture. , 2019, , .		1
29	Avoiding Biased-Feeding in the Scheduling of Collaborative Multipath TCP. PLoS ONE, 2016, 11, e0161213.	2.5	1
30	Collaborative bandwidth sharing for resilient communication during a disaster. , 2014, , .		0