

Kun-Chan Lan

List of Publications by Year in descending order

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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	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
2	Slow Breathing Exercise with Multimodal Virtual Reality: A Feasibility Study. Sensors, 2021, 21, 5462.	3.8	8
3	Robot-Assisted Acupuncture. , 2019, , .		1
4	Robot-Controlled Acupuncture—An Innovative Step towards Modernization of the Ancient Traditional Medical Treatment Method. Medicines (Basel, Switzerland), 2019, 6, 87.	1.4	25
5	Indoor Location Learning Over Wireless Fingerprinting System With Particle Markov Chain Model. IEEE Access, 2019, 7, 8713-8725.	4.2	16
6	Automated tongue diagnosis on the smartphone and its applications. Computer Methods and Programs in Biomedicine, 2019, 174, 51-64.	4.7	28
7	A Compressibility-Based Clustering Algorithm for Hierarchical Compressive Data Gathering. IEEE Sensors Journal, 2017, 17, 2550-2562.	4.7	43
8	Recognition of Easily-confused TCM Herbs Using Deep Learning. , 2017, , .		7
9	Wireless multihop backhuls for rural areas: A preliminary study. PLoS ONE, 2017, 12, e0175358.	2.5	13
10	Color Correction Parameter Estimation on the Smartphone and Its Application to Automatic Tongue Diagnosis. Journal of Medical Systems, 2016, 40, 18.	3.6	24
11	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
12	Avoiding Biased-Feeding in the Scheduling of Collaborative Multipath TCP. PLoS ONE, 2016, 11, e0161213.	2.5	1
13	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
14	Using off-the-shelf lossy compression for wireless home sleep staging. Journal of Neuroscience Methods, 2015, 246, 142-152.	2.5	19
15	Effects of driving behaviour on vehicle cluster formation and its application. IET Intelligent Transport Systems, 2014, 8, 453-463.	3.0	1
16	MetroNet: a disruption-tolerant approach for mobile downloads on metro systems. Transactions on Emerging Telecommunications Technologies, 2014, 25, 835-851.	3.9	1
17	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
18	Collaborative bandwidth sharing for resilient communication during a disaster. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Experiences from deploying a heart rate monitoring system in a senior center. , 2013, , .		2
20	Improving TCP performance over an on-board multi-homed network. , 2012, , .		7
21	Using Vehicular Sensor Networks for Mobile Surveillance. , 2012, , .		6
22	On the Feasibility of Using 802.11p for Communication of Electronic Toll Collection Systems. , 2011, , .		8
23	Feasibility study of using FM radio for data transmission in a vehicular network. , 2010, , .		4
24	Localized data dissemination in vehicular sensing networks. , 2009, , .		3
25	A Feasibility Study on Vehicle-to-Infrastructure Communication: WiFi vs. WiMAX. , 2009, , .		61
26	Realistic mobility models for Vehicular Ad hoc Network (VANET) simulations. , 2008, , .		35
27	A Survey of Opportunistic Networks. , 2008, , .		185
28	On the feasibility of using public transport as data mules for traffic monitoring. , 2008, , .		6
29	On the locality of vehicle movement for vehicle-infrastructure communication. , 2008, , .		11
30	Implementation of a Wireless Mesh Network Testbed for Traffic Control. , 2007, , .		12