Myungsik Yoo

List of Publications by Year
in descending order

65 papers	826 citations	686830 13 h-index	525886 27 g-index
65 all docs	65 docs citations	65 times ranked	722 citing authors

#	Article	IF	Citations
1	An in-Depth Survey of Visible Light Communication Based Positioning Systems. Sensors, 2016, 16, 678.	2.1	246
2	TDOA-based indoor positioning using visible light. Photonic Network Communications, 2014, 27, 80-88.	1.4	80
3	Performance Analysis of Visible Light Communication Using CMOS Sensors. Sensors, 2016, 16, 309.	2.1	49
4	Vehicle-to-Vehicle Distance Estimation Using a Low-Resolution Camera Based on Visible Light Communications. IEEE Access, 2018, 6, 4521-4527.	2.6	45
5	Probability-Based Multi-hop Diffusion Method for Influence Maximization in Social Networks. Wireless Personal Communications, 2017, 93, 903-916.	1.8	31
6	Deep Learning-Based Autoscaling Using Bidirectional Long Short-Term Memory for Kubernetes. Applied Sciences (Switzerland), 2021, 11, 3835.	1.3	24
7	Visible light communication based vehicle positioning using LED street light and rolling shutter CMOS sensors. Optics Communications, 2018, 407, 112-126.	1.0	23
8	A Probability-Based Algorithm Using Image Sensors to Track the LED in a Vehicle Visible Light Communication System. Sensors, 2017, 17, 347.	2.1	22
9	Analysis of the effects of LED direction on the performance of visible light communication system. Photonic Network Communications, 2013, 25, 60-72.	1.4	19
10	Handover Procedure and Algorithm in Vehicle to Infrastructure Visible Light Communication. IEEE Access, 2017, 5, 26466-26475.	2.6	18
11	Visible Light Communication-Based Vehicle-to-Vehicle Tracking Using CMOS Camera. IEEE Access, 2019, 7, 7218-7227.	2.6	18
12	</title> </titles> <publication_date> </publication_date> <pages> <first_page></first_page> <last_page></last_page> </pages> <publisher_item> <item_number item_number_type='arNumber'></item_number> </publisher_item> <doi_data> <doi> </doi> <resource>http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber= </resource> </doi_data> </journal_article> <journal_article> <titles> <title><![CDATA[Adaptive discontinuous reception mechanism for power saving in UMTS. IEEE Communications Letters, 2007, 11, 40-42.	2.5	13
13	A Multi-Feature LED Bit Detection Algorithm in Vehicular Optical Camera Communication. IEEE Access, 2019, 7, 95797-95811.	2.6	13
14	Multiple Exposure Coding for Short and Long Dual Transmission in Vehicle Optical Camera Communication. IEEE Access, 2019, 7, 35148-35161.	2.6	13
15	Nighttime Vehicle Detection and Tracking with Occlusion Handling by Pairing Headlights and Taillights. Applied Sciences (Switzerland), 2020, 10, 3986.	1.3	13
16	An Efficient Multivariate Autoscaling Framework Using Bi-LSTM for Cloud Computing. Applied Sciences (Switzerland), 2022, 12, 3523.	1.3	12
17	VLC-TDOA Using Sinusoidal Pilot Signal. , 2013, , .		11
18	The lexicon-based sentiment analysis for fan page ranking in Facebook. , 2014, , .		11

#	ARTICLE	IF	CITATIONS
19	Visible light communication based vehicle positioning using a rolling shutter CMOS sensor. , 2016, , .		9
20	Resource-aware Rendezvous Algorithm for Cognitive Radio Networks. International Conference on Advanced Communication Technology, 2007, , .	0.0	8
21	Optimization for link quality and power consumption of visible light communication system. Photonic Network Communications, 2014, 27, 99-105.	1.4	8
22	Attacks on host tracker in SDN controller: Investigation and prevention. , 2016, , .		8
23	Analysis of link discovery service attacks in SDN controller. , 2017, , .		8
24	Analysis on visible light communication using rolling shutter CMOS sensor. , 2015, , .		7
25	A VNF Descriptor Generator for Tacker-based NFV Management and Orchestration. , 2018, , .		7
26	Detection Algorithm for Overlapping LEDs in Vehicular Visible Light Communication System. IEEE Access, 2019, 7, 109945-109955.	2.6	6
27	A Scalable Ad Hoc Routing Protocol based on Logical Topology for Ubiquitous Community Network. International Conference on Advanced Communication Technology, 2007, , .	0.0	5
28	An Effective MIMO-OFDM Transmission Scheme for IEEE 802.22 WRAN Systems. , 2007, , .		5
29	QoS-aware class gated DBA algorithm for the EPON system. , 2008, , .		5
30	Efficient VoD Streaming for Broadband Access Networks. , 2008, , .		5
31	Application of M2M technology to manufacturing systems. , 2010, , .		5
32	Position estimation algorithm based on tracking of received light intensity for indoor visible light communication systems. , 2011, , .		5
33	An indoor environment VLC-based localization algorithm for handset devices. , 2015, , .		5
34	Rolling shutter compensation for vehicle to vehicle positioning using CMOS sensor camera. , 2018, , .		5
35	Interpixel Interference Mitigation in Visible Light Communication Using Image Sensor. IEEE Access, 2018, 6, 45543-45551.	2.6	5
36	Wasserstein Generative Adversarial Network for Depth Completion With Anisotropic Diffusion Depth Enhancement. IEEE Access, 2022, 10, 6867-6877.	2.6	5

#	Article	IF	Citations
37	Continuous Reference Broadcast Synchronization with Packet Loss Tolerance. Wireless Personal Communications, 2016, 86, 1751-1763.	1.8	4
38	Handover in outdoor Visible Light Communication system. , 2017, , .		4
39	A Taillight Matching and Pairing Algorithm for Stereo-Vision-Based Nighttime Vehicle-to-Vehicle Positioning. Applied Sciences (Switzerland), 2020, 10, 6800.	1.3	4
40	The Necessity of LED to Ambient Light Ratio Optimization for Vehicular Optical Camera Communication. Sensors, 2020, 20, 292.	2.1	4
41	Calibration-Net:LiDAR and Camera Auto-Calibration using Cost Volume and Convolutional Neural Network. , 2022, , .		4
42	Received power and SNR optimization for visible light communication system. , 2012, , .		3
43	Vehicle to vehicle distance estimation using camera based visible light communications. , 2017, , .		3
44	Improvement to LiDAR-camera extrinsic calibration by using 3Dâ€"3D correspondences. Optik, 2022, 259, 168917.	1.4	3
45	An improved TDoA-based tracking algorithm in mobile-WiMAX systems. , 2009, , .		2
46	Class-limited algorithm for supporting QoS and fairness in Ethernet passive optical network. Photonic Network Communications, 2011, 22, 221-229.	1.4	2
47	Redundant transmission in wireless networked control system over IEEE 802.15.4e. , 2013, , .		2
48	Performance analysis on MAC protocol based on beacon-enabled visible personal area networks. , 2013, , .		2
49	Performance analysis of packet loss on wireless network control systems. , 2014, , .		2
50	An image gradient based LED bit detection algorithm in vehicular optical camera communication. , 2019, , .		2
51	Recent Advances of ICT Convergence on WSN Applications. International Journal of Distributed Sensor Networks, 2015, 11, 247371.	1.3	2
52	A Weighted Combining Wireless Location Algorithm for Mobile-WiMAX Femto-Cell Environments. IEICE Transactions on Communications, 2010, E93-B, 749-752.	0.4	2
53	Dense-depth-net: a spatial-temporal approach on depth completion task. , 2021, , .		2
54	PatchGAN-Based Depth Completion in Autonomous Vehicle. , 2022, , .		2

#	Article	IF	Citations
55	A Self-Healing Mechanism for NFV By Leveraging Resource Information Indexing Technique. , 2019, , .		1
56	A simple LED panel dection algoritum for Optical Camera Communication systems. , 2019, , .		1
57	Fusing LIDAR sensor and RGB camera for object detection in autonomous vehicle with fuzzy logic approach. , 2021, , .		1
58	A Web Application Load Prediction Model Using Recurrent Neural Network in Cloud. , 2020, , .		1
59	Multivariate Deep Learning Model For Workload Prediction In Cloud Computing. , 2021, , .		1
60	Internetworking Optical Internet and Optical Burst Switching. , 0, , 397-419.		0
61	Long-term estimation-based burst control algorithm in OBS networks. Photonic Network Communications, 2009, 17, 292-298.	1.4	0
62	Cost optimization through differential radio placement in multi-radio wireless mesh networks. , 2010, , .		0
63	Reliability analysis of real-time control systems in industrial wireless network. , 2013, , .		0
64	Overlay coding in vehicle visible light communication using multiple exposures. , 2017, , .		0
65	Optimized placement of symmetrical service function chain in network function virtualization. Computer Science and Information Systems, 2022, 19, 803-827.	0.7	0