

Myungsik Yoo

List of Publications by Year in descending order

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Version: 2024-02-01

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	Wasserstein Generative Adversarial Network for Depth Completion With Anisotropic Diffusion Depth Enhancement. IEEE Access, 2022, 10, 6867-6877.	2.6	5
2	PatchGAN-Based Depth Completion in Autonomous Vehicle. , 2022, , .		2
3	Optimized placement of symmetrical service function chain in network function virtualization. Computer Science and Information Systems, 2022, 19, 803-827.	0.7	0
4	Calibration-Net:LiDAR and Camera Auto-Calibration using Cost Volume and Convolutional Neural Network. , 2022, , .		4
5	An Efficient Multivariate Autoscaling Framework Using Bi-LSTM for Cloud Computing. Applied Sciences (Switzerland), 2022, 12, 3523.	1.3	12
6	Improvement to LiDAR-camera extrinsic calibration by using 3D↔3D correspondences. Optik, 2022, 259, 168917.	1.4	3
7	Fusing LIDAR sensor and RGB camera for object detection in autonomous vehicle with fuzzy logic approach. , 2021, , .		1
8	Deep Learning-Based Autoscaling Using Bidirectional Long Short-Term Memory for Kubernetes. Applied Sciences (Switzerland), 2021, 11, 3835.	1.3	24
9	Dense-depth-net: a spatial-temporal approach on depth completion task. , 2021, , .		2
10	Multivariate Deep Learning Model For Workload Prediction In Cloud Computing. , 2021, , .		1
11	A Taillight Matching and Pairing Algorithm for Stereo-Vision-Based Nighttime Vehicle-to-Vehicle Positioning. Applied Sciences (Switzerland), 2020, 10, 6800.	1.3	4
12	Nighttime Vehicle Detection and Tracking with Occlusion Handling by Pairing Headlights and Taillights. Applied Sciences (Switzerland), 2020, 10, 3986.	1.3	13
13	The Necessity of LED to Ambient Light Ratio Optimization for Vehicular Optical Camera Communication. Sensors, 2020, 20, 292.	2.1	4
14	A Web Application Load Prediction Model Using Recurrent Neural Network in Cloud. , 2020, , .		1
15	A Multi-Feature LED Bit Detection Algorithm in Vehicular Optical Camera Communication. IEEE Access, 2019, 7, 95797-95811.	2.6	13
16	Multiple Exposure Coding for Short and Long Dual Transmission in Vehicle Optical Camera Communication. IEEE Access, 2019, 7, 35148-35161.	2.6	13
17	Detection Algorithm for Overlapping LEDs in Vehicular Visible Light Communication System. IEEE Access, 2019, 7, 109945-109955.	2.6	6
18	An image gradient based LED bit detection algorithm in vehicular optical camera communication. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	A Self-Healing Mechanism for NFV By Leveraging Resource Information Indexing Technique. , 2019, , .		1
20	A simple LED panel dection algorithm for Optical Camera Communication systems. , 2019, , .		1
21	Visible Light Communication-Based Vehicle-to-Vehicle Tracking Using CMOS Camera. IEEE Access, 2019, 7, 7218-7227.	2.6	18
22	Vehicle-to-Vehicle Distance Estimation Using a Low-Resolution Camera Based on Visible Light Communications. IEEE Access, 2018, 6, 4521-4527.	2.6	45
23	Visible light communication based vehicle positioning using LED street light and rolling shutter CMOS sensors. Optics Communications, 2018, 407, 112-126.	1.0	23
24	A VNF Descriptor Generator for Tacker-based NFV Management and Orchestration. , 2018, , .		7
25	Rolling shutter compensation for vehicle to vehicle positioning using CMOS sensor camera. , 2018, , .		5
26	Interpixel Interference Mitigation in Visible Light Communication Using Image Sensor. IEEE Access, 2018, 6, 45543-45551.	2.6	5
27	Handover in outdoor Visible Light Communication system. , 2017, , .		4
28	Analysis of link discovery service attacks in SDN controller. , 2017, , .		8
29	Probability-Based Multi-hop Diffusion Method for Influence Maximization in Social Networks. Wireless Personal Communications, 2017, 93, 903-916.	1.8	31
30	Overlay coding in vehicle visible light communication using multiple exposures. , 2017, , .		0
31	Handover Procedure and Algorithm in Vehicle to Infrastructure Visible Light Communication. IEEE Access, 2017, 5, 26466-26475.	2.6	18
32	Vehicle to vehicle distance estimation using camera based visible light communications. , 2017, , .		3
33	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
34	Performance Analysis of Visible Light Communication Using CMOS Sensors. Sensors, 2016, 16, 309.	2.1	49
35	An in-Depth Survey of Visible Light Communication Based Positioning Systems. Sensors, 2016, 16, 678.	2.1	246
36	Attacks on host tracker in SDN controller: Investigation and prevention. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
37	Visible light communication based vehicle positioning using a rolling shutter CMOS sensor. , 2016, , .		9
38	Continuous Reference Broadcast Synchronization with Packet Loss Tolerance. Wireless Personal Communications, 2016, 86, 1751-1763.	1.8	4
39	Analysis on visible light communication using rolling shutter CMOS sensor. , 2015, , .		7
40	An indoor environment VLC-based localization algorithm for handset devices. , 2015, , .		5
41	Recent Advances of ICT Convergence on WSN Applications. International Journal of Distributed Sensor Networks, 2015, 11, 247371.	1.3	2
42	Performance analysis of packet loss on wireless network control systems. , 2014, , .		2
43	The lexicon-based sentiment analysis for fan page ranking in Facebook. , 2014, , .		11
44	TDOA-based indoor positioning using visible light. Photonic Network Communications, 2014, 27, 80-88.	1.4	80
45	Optimization for link quality and power consumption of visible light communication system. Photonic Network Communications, 2014, 27, 99-105.	1.4	8
46	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
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	Reliability analysis of real-time control systems in industrial wireless network. , 2013, , .		0
50	VLC-TDOA Using Sinusoidal Pilot Signal. , 2013, , .		11
51	Received power and SNR optimization for visible light communication system. , 2012, , .		3
52	Position estimation algorithm based on tracking of received light intensity for indoor visible light communication systems. , 2011, , .		5
53	Class-limited algorithm for supporting QoS and fairness in Ethernet passive optical network. Photonic Network Communications, 2011, 22, 221-229.	1.4	2
54	Cost optimization through differential radio placement in multi-radio wireless mesh networks. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
55	Application of M2M technology to manufacturing systems. , 2010, , .		5
56	A Weighted Combining Wireless Location Algorithm for Mobile-WiMAX Femto-Cell Environments. IEICE Transactions on Communications, 2010, E93-B, 749-752.	0.4	2
57	Long-term estimation-based burst control algorithm in OBS networks. Photonic Network Communications, 2009, 17, 292-298.	1.4	0
58	An improved TDoA-based tracking algorithm in mobile-WiMAX systems. , 2009, , .		2
59	QoS-aware class gated DBA algorithm for the EPON system. , 2008, , .		5
60	Efficient VoD Streaming for Broadband Access Networks. , 2008, , .		5
61	A Scalable Ad Hoc Routing Protocol based on Logical Topology for Ubiquitous Community Network. International Conference on Advanced Communication Technology, 2007, , .	0.0	5
62	</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
63	An Effective MIMO-OFDM Transmission Scheme for IEEE 802.22 WRAN Systems. , 2007, , .		5
64	Resource-aware Rendezvous Algorithm for Cognitive Radio Networks. International Conference on Advanced Communication Technology, 2007, , .	0.0	8
65	Internetworking Optical Internet and Optical Burst Switching. , 0, , 397-419.		0