# Yeong Min Jang

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 199 papers | 4,073 citations | 186254<br>28 h-index | 155644<br>55 g-index |
| 199 all docs | 199 docs citations | 199 times ranked | 2512 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 6G Wireless Communication Systems: Applications, Requirements, Technologies, Challenges, and Research Directions. IEEE Open Journal of the Communications Society, 2020, 1, 957-975. | 6.9 | 736 |
| 2 | A Comparative Survey of Optical Wireless Technologies: Architectures and Applications. IEEE Access, 2018, 6, 9819-9840. | 4.2 | 362 |
| 3 | Optical Wireless Hybrid Networks: Trends, Opportunities, Challenges, and Research Directions. IEEE Communications Surveys and Tutorials, 2020, 22, 930-966. | 39.4 | 167 |
| 4 | The Role of Optical Wireless Communication Technologies in 5G/6G and IoT Solutions: Prospects, Directions, and Challenges. Applied Sciences (Switzerland), 2019, 9, 4367. | 2.5 | 157 |
| 5 | Survey on optical camera communications: challenges and opportunities. IET Optoelectronics, 2015, 9, 172-183. | 3.3 | 108 |
| 6 | Current Status and Performance Analysis of Optical Camera Communication Technologies for 5G Networks. IEEE Access, 2017, 5, 4574-4594. | 4.2 | 108 |
| 7 | Energy-Efficient UAV-to-User Scheduling to Maximize Throughput in Wireless Networks. IEEE Access, 2020, 8, 21215-21225. | 4.2 | 90 |
| 8 | A survey of design and implementation for optical camera communication. Signal Processing: Image Communication, 2017, 53, 95-109. | 3.2 | 85 |
| 9 | Energy-Efficient UAV Relaying Communications to Serve Ground Nodes. IEEE Communications Letters, 2020, 24, 849-852. | 4.1 | 81 |
| 10 | Call admission control based on adaptive bandwidth allocation for wireless networks. Journal of Communications and Networks, 2013, 15, 15-24. | 2.6 | 61 |
| 11 | Technical Issues on IEEE 802.15.7m Image Sensor Communication Standardization. , 2018, 56, 213-218. | | 61 |
| 12 | FPGA Implementation of High-Speed Area-Efficient Processor for Elliptic Curve Point Multiplication Over Prime Field. IEEE Access, 2019, 7, 178811-178826. | 4.2 | 57 |
| 13 | Cost-Effective Frequency Planning for Capacity Enhancement of Femtocellular Networks. Wireless Personal Communications, 2011, 60, 83-104. | 2.7 | 56 |
| 14 | Survey of Promising Technologies for 5G Networks. Mobile Information Systems, 2016, 2016, 1-25. | 0.6 | 47 |
| 15 | Real-Time Healthcare Data Transmission for Remote Patient Monitoring in Patch-Based Hybrid OCC/BLE Networks. Sensors, 2019, 19, 1208. | 3.8 | 46 |
| 16 | Region-of-Interest Signaling Vehicular System using Optical Camera Communications. IEEE Photonics Journal, 2017, , 1-1. | 2.0 | 40 |
| 17 | Convolutional neural networkscheme—based optical camera communication system for intelligent Internet of vehicles. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877015. | 2.2 | 40 |
| 18 | A New 5G eHealth Architecture Based on Optical Camera Communication: An Overview, Prospects, and Applications. IEEE Consumer Electronics Magazine, 2020, 9, 23-33. | 2.3 | 40 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Handover management in high-dense femtocellular networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, . | 2.4 | 39 |
| 20 | 2D-OFDM for Optical Camera Communication: Principle and Implementation. IEEE Access, 2019, 7, 29405-29424. | 4.2 | 39 |
| 21 | Performance Analysis and Improvement of Optical Camera Communication. Applied Sciences (Switzerland), 2018, 8, 2527. | 2.5 | 37 |
| 22 | Area-Time Efficient Hardware Implementation of Modular Multiplication for Elliptic Curve Cryptography. IEEE Access, 2020, 8, 73898-73906. | 4.2 | 34 |
| 23 | Optical-RoI-Signaling for Vehicular Communications. IEEE Access, 2019, 7, 69873-69891. | 4.2 | 33 |
| 24 | Human Bond Communication with Head-Mounted Displays: Scope, Challenges, Solutions, and Applications. IEEE Communications Magazine, 2019, 57, 26-32. | 6.1 | 33 |
| 25 | Rolling OFDM for Image Sensor Based Optical Wireless Communication. IEEE Photonics Journal, 2019, 11, 1-17. | 2.0 | 31 |
| 26 | Service quality improvement of mobile users in vehicular environment by mobile femtocell network deployment. , 2011, , . | | 30 |
| 27 | High-speed asynchronous Optical Camera Communication using LED and rolling shutter camera. , 2015, , . | | 30 |
| 28 | A New Vehicle Localization Scheme Based on Combined Optical Camera Communication and Photogrammetry. Mobile Information Systems, 2018, 2018, 1-14. | 0.6 | 30 |
| 29 | Smartphone Camera-Based Optical Wireless Communication System: Requirements and Implementation Challenges. Electronics (Switzerland), 2019, 8, 913. | 3.1 | 29 |
| 30 | Stereo-vision-based cooperative-vehicle positioning using OCC and neural networks. Optics Communications, 2015, 352, 166-180. | 2.1 | 28 |
| 31 | Design and Implementation of a Novel Compatible Encoding Scheme in the Time Domain for Image Sensor Communication. Sensors, 2016, 16, 736. | 3.8 | 28 |
| 32 | Integrated RF/Optical Wireless Networks for Improving QoS in Indoor and Transportation Applications. Wireless Personal Communications, 2019, 107, 1401-1430. | 2.7 | 27 |
| 33 | An Implementation Approach and Performance Analysis of Image Sensor Based Multilateral Indoor Localization and Navigation System. Wireless Communications and Mobile Computing, 2018, 2018, 1-13. | 1.2 | 26 |
| 34 | A Novel Indoor Mobile Localization System Based on Optical Camera Communication. Wireless Communications and Mobile Computing, 2018, 2018, 1-17. | 1.2 | 25 |
| 35 | Design and Implementation of High-Performance ECC Processor with Unified Point Addition on Twisted Edwards Curve. Sensors, 2020, 20, 5148. | 3.8 | 25 |
| 36 | Forecasting PM2.5 Concentration Using a Single-Dense Layer BiLSTM Method. Electronics (Switzerland), 2021, 10, 1808. | 3.1 | 23 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Mitigation Technique for Receiver Performance Variation of Multi-Color Channels in Visible Light Communication. Sensors, 2011, 11, 6131-6144. | 3.8 | 22 |
| 38 | Dynamic Channel Allocation for Class-Based QoS Provisioning and Call Admission in Visible Light Communication. Arabian Journal for Science and Engineering, 2014, 39, 1007-1016. | 1.1 | 22 |
| 39 | The Role of Deep Learning in NOMA for 5G and Beyond Communications. , 2020, , . | | 21 |
| 40 | Energy-Efficient Coverage Guarantees Scheduling and Routing Strategy for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 612383. | 2.2 | 21 |
| 41 | Enabling technologies for AI empowered 6G massive radio access networks. ICT Express, 2023, 9, 341-355. | 4.8 | 21 |
| 42 | Fuzzy Based Network Assignment and Link-Switching Analysis in Hybrid OCC/LiFi System. Wireless Communications and Mobile Computing, 2018, 2018, 1-15. | 1.2 | 20 |
| 43 | The Impact of Camera Parameters on Optical Camera Communication. , 2019, , . | | 20 |
| 44 | Design and Implementation of an OCC-Based Real-Time Heart Rate and Pulse-Oxygen Saturation Monitoring System. IEEE Access, 2020, 8, 198740-198747. | 4.2 | 20 |
| 45 | Deep Learning for Optical Vehicular Communication. IEEE Access, 2020, 8, 102691-102708. | 4.2 | 20 |
| 46 | Interference mitigation using dynamic frequency re-use for dense femtocell network architectures. , 2010, , . | | 19 |
| 47 | Asynchronous Scheme for Optical Camera Communication-Based Infrastructure-to-Vehicle Communication. International Journal of Distributed Sensor Networks, 2015, 11, 908139. | 2.2 | 19 |
| 48 | Predicting rice yield for Bangladesh by exploiting weather conditions. , 2017, , . | | 19 |
| 49 | Weight based movie recommendation system using K-means algorithm. , 2017, , . | | 18 |
| 50 | Design and Implementation of the MIMOâ€“COOK Scheme Using an Image Sensor for Long-Range Communication. Sensors, 2020, 20, 2258. | 3.8 | 18 |
| 51 | Optical Camera Communication in Vehicular Applications: A Review. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6260-6281. | 8.0 | 18 |
| 52 | Scalable optical relay for LED-ID systems. , 2010, , . | | 17 |
| 53 | An Overview of Internet of Energy (IoE) Based Building Energy Management System. , 2018, , . | | 17 |
| 54 | Neighbor cell list optimization for femtocell-to-femtocell Handover in dense femtocellular networks. , 2011, , . | | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Group handover management in mobile femtocellular network deployment. , 2012, , . | | 16 |
| 56 | A novel link switching scheme using pre-scanning and RSS prediction in visible light communication networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, . | 2.4 | 16 |
| 57 | Simultaneous Data Transmission Using Multilevel LED in Hybrid OCC/LiFi System: Concept and Demonstration. IEEE Communications Letters, 2019, 23, 2296-2300. | 4.1 | 16 |
| 58 | Receiver performance improvement utilizing diversity in MIMO VLC. , 2013, , . | | 15 |
| 59 | Resource allocation for multichannel broadcasting visible light communication. Optics Communications, 2015, 355, 451-461. | 2.1 | 15 |
| 60 | Practical design of Screen-to-Camera based Optical Camera Communication. , 2015, , . | | 15 |
| 61 | Game-Based Approach for QoS Provisioning and Interference Management in Heterogeneous Networks. IEEE Access, 2018, 6, 10208-10220. | 4.2 | 15 |
| 62 | Interference Management Based on RT/nRT Traffic Classification for FFR-Aided Small Cell/Macrocell Heterogeneous Networks. IEEE Access, 2018, 6, 31340-31358. | 4.2 | 15 |
| 63 | Cooperative MAC protocol for LED-ID systems. , 2011, , . | | 14 |
| 64 | Neural network based indoor positioning technique in optical camera communication system. , 2014, , . | | 14 |
| 65 | Frequency shift on-off keying for optical camera communication. , 2014, , . | | 14 |
| 66 | Neural Network-Based Indoor Positioning Using Virtual Projective Invariants. Wireless Personal Communications, 2016, 86, 1813-1828. | 2.7 | 14 |
| 67 | Fuzzy Logic Based Network Selection in Hybrid OCC/Li-Fi Communication System. , 2018, , . | | 14 |
| 68 | Experimental Demonstration of Continuous Sensor Data Monitoring Using Neural Network-Based Optical Camera Communications. IEEE Photonics Journal, 2020, 12, 1-11. | 2.0 | 14 |
| 69 | Design and Implementation of 2D MIMO-Based Optical Camera Communication Using a Light-Emitting Diode Array for Long-Range Monitoring System. Sensors, 2021, 21, 3023. | 3.8 | 14 |
| 70 | Multi-Behavior with Bottleneck Features LSTM for Load Forecasting in Building Energy Management System. Electronics (Switzerland), 2021, 10, 1026. | 3.1 | 13 |
| 71 | Self-gated rectified linear unit for performance improvement of deep neural networks. ICT Express, 2023, 9, 320-325. | 4.8 | 13 |
| 72 | A New QoS Resource Allocation Scheme Using GTS for WPANs. Wireless Personal Communications, 2012, 67, 25-45. | 2.7 | 12 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 73 | Flexible resource allocation scheme for link switching support in visible light communication networks. , 2012, , . | | 12 |
| 74 | Radio resource management based on reused frequency allocation for dynamic channel borrowing scheme in wireless networks. Wireless Networks, 2015, 21, 2593-2607. | 3.0 | 12 |
| 75 | Smart color channel allocation for visible light communication cell ID. Optical Switching and Networking, 2015, 15, 75-86. | 2.0 | 12 |
| 76 | A Novel Neural Network-Based Method for Decoding and Detecting of the DS8-PSK Scheme in an OCC System. Applied Sciences (Switzerland), 2019, 9, 2242. | 2.5 | 12 |
| 77 | Energy-Efficient UAV Relaying Robust Resource Allocation in Uncertain Adversarial Networks. IEEE Access, 2021, 9, 59920-59934. | 4.2 | 11 |
| 78 | A novel handover scheme in moving vehicular femtocell networks. , 2013, , . | | 10 |
| 79 | Asynchronous scheme for unidirectional optical camera communications (OCC). , 2014, , . | | 10 |
| 80 | Radio access network selection mechanism based on hierarchical modelling and game theory. , 2016, , . | | 10 |
| 81 | Power Flow Management With Demand Response Profiles Based on User-Defined Area, Load, and Phase Classification. IEEE Access, 2020, 8, 218813-218827. | 4.2 | 10 |
| 82 | GPS-Based Indoor/Outdoor Detection Scheme Using Machine Learning Techniques. Applied Sciences (Switzerland), 2020, 10, 500. | 2.5 | 10 |
| 83 | Redundancy reduction protocol with sensing coverage assurance in distributed wireless sensor networks. , 2009, , . | | 9 |
| 84 | A dynamic frequency allocation scheme for moving small-cell networks. , 2012, , . | | 9 |
| 85 | Interference-aware optical resource allocation in visible light communication. , 2012, , . | | 9 |
| 86 | A pre-scanning-based link switching scheme in visible light communication networks. , 2013, , . | | 9 |
| 87 | Performance of rolling shutter and global shutter camera in optical camera communications. , 2015, , . | | 9 |
| 88 | High temporal-spatial resolution optical wireless communication technique using image sensor. , 2016, , . | | 9 |
| 89 | Opportunities of Optical Spectrum for Future Wireless Communications. , 2019, , . | | 9 |
| 90 | Future Optical Camera Communication Based Applications and Opportunities for 5G and Beyond. , 2019, , . | | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 91 | Trade-off Communication distance and Data rate of Rolling shutter OCC. , 2019, , . | | 9 |
| 92 | Rain Attenuation Characterization for 6G Terahertz Wireless Communication. , 2021, , . | | 9 |
| 93 | Multilevel RNN-Based PM10 Air Quality Prediction for Industrial Internet of Things Applications in Cleanroom Environment. Wireless Communications and Mobile Computing, 2022, 2022, 1-12. | 1.2 | 9 |
| 94 | Call admission control and traffic modeling for integrated macrocell/femtocell networks. , 2012, , . | | 8 |
| 95 | A game theoretical approach for QoS provisioning in heterogeneous networks. ICT Express, 2015, 1, 90-93. | 4.8 | 8 |
| 96 | Radiometric and geometric camera model for Optical Camera Communications. , 2015, , . | | 8 |
| 97 | Novel 2D-sequential color code system employing Image Sensor Communications for Optical Wireless Communications. ICT Express, 2016, 2, 57-62. | 4.8 | 8 |
| 98 | Low Power Wide Area Network Technologies for Smart Cities Applications. , 2019, , . | | 8 |
| 99 | Rolling MIMO-OFDM for Optical Camera Communication System. , 2020, , . | | 8 |
| 100 | A Two-Stage Power Allocation-Based NOMA Architecture for Optical Camera Communication. IEEE Systems Journal, 2021, 15, 4421-4430. | 4.6 | 8 |
| 101 | Design of MIMO C-OOK using Matched filter for Optical Camera Communication System. , 2021, , . | | 8 |
| 102 | OCC Technology-based Developing IoT Network. , 2020, , . | | 8 |
| 103 | Opportunistic channel reuse for a self-organized visible light communication personal area network. , 2013, , . | | 7 |
| 104 | Modulation and Coding Scheme (MCS) for Indoor Image Sensor Communication System. Wireless Personal Communications, 2017, 93, 987-1003. | 2.7 | 7 |
| 105 | Optical Wireless Hybrid Networks for 5G and Beyond Communications. , 2018, , . | | 7 |
| 106 | Real-Time Mitigation of the Mobility Effect for IEEE 802.15.4g SUN MR-OFDM. Applied Sciences (Switzerland), 2019, 9, 3289. | 2.5 | 7 |
| 107 | Data Augmentation Using Generative Adversarial Network for Automatic Machine Fault Detection Based on Vibration Signals. Applied Sciences (Switzerland), 2021, 11, 2166. | 2.5 | 7 |
| 108 | Design and Implementation of Rolling Shutter MIMO-OFDM scheme for Optical Camera Communication System. , 2021, , . | | 7 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 109 | An Experimental Demonstration of MIMO C-OOK Scheme Based on Deep Learning for Optical Camera Communication System. Applied Sciences (Switzerland), 2022, 12, 6935. | 2.5 | 7 |
| 110 | Approximate queuing analysis for IEEE 802.15.4 sensor network. , 2010, , . | | 6 |
| 111 | Priority MAC based on multi-parameter for IEEE 802.15.7 VLC. , 2011, , . | | 6 |
| 112 | Class-Based Service Connectivity Using Multi-level Bandwidth Adaptation in Multimedia Wireless Networks. Wireless Personal Communications, 2014, 77, 2735-2745. | 2.7 | 6 |
| 113 | Radio Resource Allocation for Scalable Video Services Over Wireless Cellular Networks. Wireless Personal Communications, 2014, 74, 1061-1079. | 2.7 | 6 |
| 114 | Color transmission in image sensor communications using display and camera. , 2015, , . | | 6 |
| 115 | Performance analysis of smart digital signage system based on software-defined IoT and invisible image sensor communication. International Journal of Distributed Sensor Networks, 2016, 12, 155014771665792. | 2.2 | 6 |
| 116 | Survey of indoor optical camera communication (OCC) systems for the Internet of lights. , 2017, , . | | 6 |
| 117 | An Artificial Intelligence-based Error Correction for Optical Camera Communication. , 2019, , . | | 6 |
| 118 | Simultaneous Traffic Sign Recognition and Real-Time Communication using Dual Camera in ITS. , 2019, , . | | 6 |
| 119 | Design and Implementation of a Monitoring System using Optical Camera Communication for a Smart Factory. Applied Sciences (Switzerland), 2019, 9, 5103. | 2.5 | 6 |
| 120 | Design of an SVM Classifier Assisted Intelligent Receiver for Reliable Optical Camera Communication. Sensors, 2021, 21, 4283. | 3.8 | 6 |
| 121 | Self-Supervised Learning for Time-Series Anomaly Detection in Industrial Internet of Things. Electronics (Switzerland), 2022, 11, 2146. | 3.1 | 6 |
| 122 | Priority-based resource allocation scheme for visible light communication. , 2010, , . | | 5 |
| 123 | Smart LED lighting system implementation using human tracking US/IR sensor. , 2011, , . | | 5 |
| 124 | Dynamic channel allocation for QoS provisioning in visible light communication. , 2011, , . | | 5 |
| 125 | Inter-cell interference mitigation using soft frequency reuse with two FOVs in visible light communication. , 2012, , . | | 5 |
| 126 | Seamless QoS-Enabled Handover Scheme Using CoMP in Fast Moving Vehicular Networks. International Journal of Distributed Sensor Networks, 2013, 9, 987265. | 2.2 | 5 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 127 | Performance enhancement of MIMO based visible light communication. , 2014, , . | | 5 |
| 128 | SINR-Constrained Joint Scheduling and Optimal Resource Allocation in VLC Based WPAN System. Wireless Personal Communications, 2014, 78, 1935-1951. | 2.7 | 5 |
| 129 | Challenges issues for OCC based android camera 2 API. , 2017, , . | | 5 |
| 130 | Adaptive spatial-temporal resolution optical vehicular communication system using image sensor. International Journal of Distributed Sensor Networks, 2017, 13, 155014771774369. | 2.2 | 5 |
| 131 | Photography Trilateration Indoor Localization with Image Sensor Communication. Sensors, 2019, 19, 3290. | 3.8 | 5 |
| 132 | Real-time health monitoring system design based on optical camera communication. , 2021, , . | | 5 |
| 133 | Fuzzy C-Means Clustering-Based mMIMO-NOMA Downlink Communication for 6G Ultra-Massive Interconnectivity. , 2021, , . | | 5 |
| 134 | Continuous Status Monitoring of Industrial Valve Using OCC-Enabled Wireless Sensor Network. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10. | 4.7 | 5 |
| 135 | GAN-based Data Augmentation for UWB NLOS Identification Using Machine Learning. , 2022, , . | | 5 |
| 136 | Call Admission Control based on adaptive bandwidth allocation for multi-class services in wireless networks. , 2010, , . | | 4 |
| 137 | Mitigation of interference using OFDM in visible light communication. , 2012, , . | | 4 |
| 138 | Mathematical modeling for calibrating illuminated image in image sensor communication. , 2015, , . | | 4 |
| 139 | Guest Editorial Special Issue on World Forum on Internet-of-Things Conference 2014. IEEE Internet of Things Journal, 2015, 2, 187-189. | 8.7 | 4 |
| 140 | Optical camera communications based invisible watermarking technique. , 2016, , . | | 4 |
| 141 | Simplified photogrammetry using optical camera communication for indoor positioning. , 2017, , . | | 4 |
| 142 | Object Detection Framework for High Mobility Vehicles Tracking in Night-Time. , 2020, , . | | 4 |
| 143 | Mono Camera-Based Optical Vehicular Communication for an Advanced Driver Assistance System. Electronics (Switzerland), 2021, 10, 1564. | 3.1 | 4 |
| 144 | Path mapping and control of mobile cleaning robot using LED-ID network. , 2011, , . | | 3 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 145 | Multi-parameters based CSMA/CA for priority in visible light communication. , 2012, , . | | 3 |
| 146 | Receiver initiated ARQ scheme for LED-ID link switching. , 2013, , . | | 3 |
| 147 | Broadcasting MAC protocol for IEEE 802.15.7 visible light communication. , 2013, , . | | 3 |
| 148 | Balanced energy and coverage guaranteed protocol for wireless sensor networks. , 2014, , . | | 3 |
| 149 | Simple method for indoor localization in OCC using smart phone image sensor. , 2014, , . | | 3 |
| 150 | Access Point Selection in Hybrid OCC/RF eHealth Architecture for Real-Time Remote Patient Monitoring. , 2018, , . | | 3 |
| 151 | An Implementation of Binary Frequency Shift On-Off Keying Modulation for Optical Camera Communication. , 2018, , . | | 3 |
| 152 | The Next Generation Architecture of Low Power Wide Area Network for Energy Platform. , 2019, , . | | 3 |
| 153 | User Clustering Techniques for Massive MIMO-NOMA Enabled mmWave/THz Communications in 6G. , 2021, , . | | 3 |
| 154 | Design and Implementation of AS-QL Scheme for LED Matrix based Optical Camera Communication. , 2020, , . | | 3 |
| 155 | Deep learning based optimal energy management framework for community energy storage system. ICT Express, 2023, 9, 333-340. | 4.8 | 3 |
| 156 | Location based reconfigurable cell site diversity techniques for LED-ID system. , 2011, , . | | 2 |
| 157 | New QoS resource allocation scheme using GTS for WPANs. , 2011, , . | | 2 |
| 158 | The internet of LED: A LED-ID based interoperability and interconnectivity perspective. , 2014, , . | | 2 |
| 159 | Performance evaluation of MIMO Optical Camera Communications based rolling shutter image sensor. , 2016, , . | | 2 |
| 160 | MQTT protocol for connected OCC small cells. , 2017, , . | | 2 |
| 161 | Applying Model-Free Reinforcement Learning Algorithm in Network Slicing for 5G. , 2019, , . | | 2 |
| 162 | A New Smart-Meter Data Monitoring System based on Optical Camera Communication. , 2021, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 163 | Statistical Feature Extraction in Machine Fault Detection using Vibration Signal. , 2020, , . | | 2 |
| 164 | Current Challenges in Optical Vehicular Modulation Techniques. , 2021, , . | | 2 |
| 165 | oneM2M-Enabled Prediction of High Particulate Matter Data Based on Multi-Dense Layer BiLSTM Model. Applied Sciences (Switzerland), 2022, 12, 2260. | 2.5 | 2 |
| 166 | Performance of Efficient Signal Detection for LED-ID Systems. Wireless Personal Communications, 2011, 60, 533-545. | 2.7 | 1 |
| 167 | Joint scheduling and rate allocation for IEEE 802.15.7 WPAN system. , 2013, , . | | 1 |
| 168 | Class-based interference management in wireless networks. , 2014, , . | | 1 |
| 169 | Analysis of imaging diversity for MIMO visible light communication. , 2014, , . | | 1 |
| 170 | Enabling Technologies towards Next Generation Mobile Systems and Networks. Mobile Information Systems, 2016, 2016, 1-2. | 0.6 | 1 |
| 171 | Pixel to signal conversion based invisible image sensor communication. , 2016, , . | | 1 |
| 172 | Hybrid modulation scheme for indoor image sensor communication system using smartphone and LEDs. , 2016, , . | | 1 |
| 173 | Channel modeling and system analysis for seaside image sensor communications. , 2016, , . | | 1 |
| 174 | Artificial companion conversation application for Android-based robot. , 2017, , . | | 1 |
| 175 | A Generalized SDN Framework for Optical Wireless Communication Networks. , 2018, , . | | 1 |
| 176 | Multiple Access Schemes for Visible Light Communication. , 2019, , . | | 1 |
| 177 | A new method for mitigation of mobility effect of SUN MR-OFDM in Fast Fading channel. , 2019, , . | | 1 |
| 178 | Optical Camera Communication Application using Display Modulation. , 2020, , . | | 1 |
| 179 | Optimal Energy Management Strategy for ESS with Day Ahead Energy Prediction. , 2021, , . | | 1 |
| 180 | Battery Management using LSTM for Manhole Underground System. , 2021, , . | | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 181 | Optimal Energy Management Among Multiple Households with Integrated Shared Energy Storage System (ESS). , 2021, , . | | 1 |
| 182 | OCC-ID: New Broadcasting Service-Based Cloud Model and Image Sensor Communications. International Journal of Distributed Sensor Networks, 2016, 12, 1763692. | 2.2 | 1 |
| 183 | Neural Network-based LED Detection in Vehicular System for High Data Rate in OCC. , 2020, , . | | 1 |
| 184 | Performance enhancement scheme for wireless cellular network using direct communication. , 2010, , . | | 0 |
| 185 | Performance of flicker cancellation scheme for LED-ID systems. , 2011, , . | | 0 |
| 186 | Popularity based bandwidth allocation for video broadcast/multicast over wireless networks. , 2011, , . | | 0 |
| 187 | Bandwidth adaptation for scalable videos over wireless networks. , 2012, , . | | 0 |
| 188 | Reducing link switching delay in LED-ID Network based on location information of mobile device. , 2012, , . | | 0 |
| 189 | Non-link switching issue for broadcasting visible light communication. , 2015, , . | | 0 |
| 190 | Invisible embedded techniques for optical camera communications. , 2017, , . | | 0 |
| 191 | Integration of photogrammetry and optical camera communication technologies for vehicle positioning. , 2017, , . | | 0 |
| 192 | New Waveforms for Selective-RoI-Signaling High-Rate Optical Camera Communication System. , 2018, , . | | 0 |
| 193 | OCC Protocol for connected LEDs in Optical Camera Communication Networks. , 2018, , . | | 0 |
| 194 | Solution for Sampling Time Deviation in Decoding RoI-Signaling Waveform Using S2-PSK. , 2019, , . | | 0 |
| 195 | Software-Defined Network for Connected OCC and RF Small-Cell Systems. , 2019, , . | | 0 |
| 196 | Interference Cancellation and Proper Thresholding Using Deep Learning Method in Optical Camera Communication. , 2021, , . | | 0 |
| 197 | Intelligent Receiver for Optical Camera Communication. , 2022, , . | | 0 |
| 198 | Pothole Detection Using Optical Camera Communication. , 2022, , . | | 0 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 199 | Vision Anomaly Detection Using Self-Gated Rectified Linear Unit. , 2022, , . | | 0 |