# Kamran Ali

## List of Publications by Year
## in descending order

| | | | |
|---|---|---|---|
| 39 papers | 452 citations | 758635<br>12 h-index | 794141<br>19 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 475 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A visualization review analysis of the last two decades for environmental Kuznets curve â€œEKCâ€•based on co-citation analysis theory and pathfinder network scaling algorithms. Environmental Science and Pollution Research, 2021, 28, 16690-16706. | 2.7 | 68 |
| 2 | Present Status and Potential of Biomass Energy in Pakistan Based on Existing and Future Renewable Resources. Sustainability, 2020, 12, 249. | 1.6 | 49 |
| 3 | Quality of experience (QoE) in cloud gaming models: A review. Multiagent and Grid Systems, 2019, 15, 289-304. | 0.5 | 44 |
| 4 | Dynamic bandwidth allocation algorithm with demand forecasting mechanism for bandwidth allocations in 10-gigabit-capable passive optical network. Optik, 2019, 183, 1032-1042. | 1.4 | 26 |
| 5 | TAEO-A Thermal Aware &amp; Energy Optimized Routing Protocol for Wireless Body Area Networks. Sensors, 2019, 19, 3275. | 2.1 | 23 |
| 6 | A Lightweight Elliptic-Elgamal-Based Authentication Scheme for Secure Device-to-Device Communication. Future Internet, 2019, 11, 108. | 2.4 | 22 |
| 7 | Signboard Detection and Text Recognition Using Artificial Neural Networks. , 2019, , . | | 21 |
| 8 | Preamble time-division multiple access fixed slot assignment protocol for secure mobile ad hoc networks. International Journal of Distributed Sensor Networks, 2020, 16, 155014772092162. | 1.3 | 20 |
| 9 | Demand Forecasting DBA Algorithm for Reducing Packet Delay with Efficient Bandwidth Allocation in XG-PON. Electronics (Switzerland), 2019, 8, 147. | 1.8 | 19 |
| 10 | Ultra-Wide and Flattened Optical Frequency Comb Generation Based on Cascaded Phase Modulator and LiNbO3-MZM Offering Terahertz Bandwidth. IEEE Access, 2020, 8, 76692-76699. | 2.6 | 18 |
| 11 | An Integrated Approach to Optimal Charging Scheduling of Electric Vehicles Integrated with Improved Medium-Voltage Network Reconfiguration for Power Loss Minimization. Sustainability, 2020, 12, 9211. | 1.6 | 17 |
| 12 | Quality of experience (QoE) assessment of games on workstations and mobile. Entertainment Computing, 2020, 34, 100362. | 1.8 | 16 |
| 13 | A Bibliometric Analysis and Visualization of Passive Optical Network Research in the Last Decade. Optical Switching and Networking, 2020, 39, 100586. | 1.2 | 14 |
| 14 | A Dynamic Application-Partitioning Algorithm with Improved Offloading Mechanism for Fog Cloud Networks. Future Internet, 2019, 11, 141. | 2.4 | 10 |
| 15 | Highest Cost First-Based QoS Mapping Scheme for Fiber Wireless Architecture. Photonics, 2020, 7, 114. | 0.9 | 10 |
| 16 | Energy-efficient routing optimization algorithm in WBANs for patient monitoring. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8069-8081. | 3.3 | 10 |
| 17 | The evaluation video quality in social clouds. Entertainment Computing, 2020, 35, 100370. | 1.8 | 8 |
| 18 | ONU migration using network coding technique in Virtual Multi-OLT PON Architecture. Optical Fiber Technology, 2022, 68, 102788. | 1.4 | 7 |

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|---|---------|----|-----------| 
| 19 | Research on Spoof Surface Plasmon Polaritons (SPPs) at Microwave Frequencies: a Bibliometric Review. Plasmonics, 2022, 17, 1203-1230. | 1.8 | 7 |
| 20 | A lightweight technique for detection and prevention of wormhole attack in MANET. EAI Endorsed Transactions on Scalable Information Systems, 0, , 165515. | 0.8 | 5 |
| 21 | Cooperative Relaying Network Under SWIPT MIMO System. , 2019, , . | | 4 |
| 22 | Novel Genetic Algorithm with Efficient Routing Paradigm for Multi-hop WSNs. , 2019, , . | | 4 |
| 23 | Minimizing Energy Expenditures using Genetic Algorithm for Scalability and Longlivety of Multi hop Sensor Networks. , 2019, , . | | 4 |
| 24 | Sleep-aware wavelength and bandwidth assignment scheme for TWDM PON. Optical and Quantum Electronics, 2021, 53, 295. | 1.5 | 4 |
| 25 | High Order Dual Polarization Modulation Formats for Coherent Optical Systems. , 2021, , . | | 4 |
| 26 | Efficient Approach for optimization in Traffic Engineering for Multiprotocol Label Switching. , 2019, , . | | 3 |
| 27 | Traffic-Adaptive Inter Wavelength Load Balancing for TWDM PON. IEEE Photonics Journal, 2020, 12, 1-8. | 1.0 | 3 |
| 28 | Generation of Flattened Multicarrier Signals from a Single Laser Source for 330â€†Gbps WDM-PON Transmission over 25â€†km SSMF. Journal of Optical Communications, 2017, 39, . | 4.0 | 2 |
| 29 | Modeling and design of enhanced all optical signal regeneration technique. Optik, 2021, 238, 166696. | 1.4 | 2 |
| 30 | Bayesian auction game theory-based DBA for XG symmetrical PON. Optical and Quantum Electronics, 2022, 54, 316. | 1.5 | 2 |
| 31 | Validation and parameter extraction of a compact equivalent circuit model for an RF CMOS transistor. Journal of Computational Electronics, 2020, 19, 1471-1477. | 1.3 | 1 |
| 32 | Joint optimal power splitting and relay selection strategy under SWIPT. Wireless Networks, 0, , 1. | 2.0 | 1 |
| 33 | Novel Joint Subcarrier and Power Allocation Method in SWIPT for WSNs Employing OFDM System. International Journal of Advanced Computer Science and Applications, 2019, 10, . | 0.5 | 1 |
| 34 | The Design of Wireless Portable Electrocardiograph Monitoring System Based on ZigBee. EAI Endorsed Transactions on Scalable Information Systems, 0, , 164558. | 0.8 | 1 |
| 35 | A Visualization Based Analysis on Dynamic Bandwidth Allocation Algorithms for Optical Networks. EAI Endorsed Transactions on Scalable Information Systems, 0, , 164665. | 0.8 | 1 |
| 36 | Using Crowed-Source Based Approach for V2X Communication For Vehicular Ad Hoc Network. , 2019, , . | | 0 |

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|---|---------|-----|-----------|
| 37 | Phase Sensing Technology Based Optical Signal Regeneration for 40ÂGb/s Optical System. Wireless Personal Communications, 2021, 116, 1195-1215. | 1.8 | 0 |
| 38 | Social Networks Mining and Analysis of Specific Groups (Political and Regional) by using API. EAI Endorsed Transactions on Scalable Information Systems, 0, , 163574. | 0.8 | 0 |
| 39 | An Improved Weighted Base Classification for Optimum Weighted Nearest Neighbor Classifiers. EAI Endorsed Transactions on Scalable Information Systems, 0, , 163339. | 0.8 | 0 |