

# Doug Young Suh

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

467  
citations

759233

12  
h-index

713466

21  
g-index

37  
all docs

37  
docs citations

37  
times ranked

432  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A Task Offloading and Reallocation Scheme for Passenger Assistance Using Fog Computing. IEEE Transactions on Network and Service Management, 2022, 19, 3032-3047.   | 4.9 | 1         |
| 2  | Iterative Signal Detection Under Timing Errors for Optical Wireless Links With High Mobility. IEEE Transactions on Vehicular Technology, 2021, 70, 11710-11720.   | 6.3 | 1         |
| 3  | A Systematic Review on NOMA Variants for 5G and Beyond. IEEE Access, 2021, 9, 85573-85644.  | 4.2 | 86        |
| 4  | Palliation of Four-Wave Mixing in Optical Fibers Using Improved DSP Receiver. Electronics (Switzerland), 2021, 10, 611.   | 3.1 | 0         |
| 5  | Machine learning classification of texture features of MRI breast tumor and peri-tumor of combined pre- and early treatment predicts pathologic complete response. BioMedical Engineering OnLine, 2021, 20, 63. | 2.7 | 28        |
| 6  | A comprehensive survey on digital video forensics: Taxonomy, challenges, and future directions. Engineering Applications of Artificial Intelligence, 2021, 106, 104456.   | 8.1 | 35        |
| 7  | Energy Efficient Proactive Routing Scheme for Enabling Reliable Communication in Underwater Internet of Things. IEEE Transactions on Network Science and Engineering, 2021, 8, 2934-2945.                       | 6.4 | 9         |
| 8  | Frame Control-Based Terrestrial UHD (ATSC 3.0) Buffer Model for Dynamic Content Insertion. IEEE Access, 2021, 9, 61359-61368.   | 4.2 | 0         |
| 9  | Multimedia communication over cognitive radio networks from QoS/QoE perspective: A comprehensive survey. Journal of Network and Computer Applications, 2020, 172, 102759.                                       | 9.1 | 29        |
| 10 | A Review of Machine Learning Algorithms for Cloud Computing Security. Electronics (Switzerland), 2020, 9, 1379.   | 3.1 | 72        |
| 11 | An Indoor Positioning and Navigation System Using Named Data Networking. IEEE Access, 2020, 8, 196408-196424.   | 4.2 | 4         |
| 12 | Applying Bayesian Network Approach to Determine the Association Between Morphological Features Extracted from Prostate Cancer Images. IEEE Access, 2019, 7, 1586-1601.  | 4.2 | 17        |
| 13 | QoE-Driven Resource Allocation for Live Video Streaming Over D2D-Underlaid 5G Cellular Networks. IEEE Access, 2018, 6, 72563-72580.   | 4.2 | 15        |
| 14 | Clinical Decision Support System for Liver Fibrosis Prediction in Hepatitis Patients: A Case Comparison of Two Soft Computing Techniques. IEEE Access, 2018, 6, 52911-52929.                                    | 4.2 | 23        |
| 15 | RaptorQ-Based Efficient Multimedia Transmission Over Cooperative Cellular Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7275-7289.   | 6.3 | 22        |
| 16 | CASH: Content- and Network-Context-Aware Streaming Over 5G HetNets. IEEE Access, 2018, 6, 46167-46178.  | 4.2 | 14        |
| 17 | Merge&and&forward: a cooperative multimedia transmissions protocol using RaptorQ codes. IET Communications, 2016, 10, 1884-1895.  | 2.2 | 12        |
| 18 | Taxonomy and issues for antifrangible-based multimedia cloud computing. Journal of Reliable Intelligent Environments, 2016, 2, 37-49.   | 5.2 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | PAD-MAC: Primary User Activity-Aware Distributed MAC for Multi-Channel Cognitive Radio Networks. Sensors, 2015, 15, 7658-7690.  | 3.8 | 12        |
| 20 | MMT-based QoS adaptive video service. , 2015, , .   |     | 0         |
| 21 | True realtime multimedia streaming system based on MMT. , 2015, , .   |     | 3         |
| 22 | Reducing handover delays for seamless multimedia service in IEEE 802.11 networks. Electronics Letters, 2014, 50, 1100-1102.   | 1.0 | 9         |
| 23 | Resource Optimization Scheme for Multimedia-Enabled Wireless Mesh Networks. Sensors, 2014, 14, 14500-14525.   | 3.8 | 15        |
| 24 | Cognitive Radio-Based Vehicular Ad Hoc and Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 154193.                                   | 2.2 | 12        |
| 25 | A novel live streaming system using P2P and statistical multiplexing. , 2014, , .   |     | 0         |
| 26 | Virtualization of video quality enhancement process for mobile device. , 2014, , .  |     | 0         |
| 27 | Measurement of network characteristics of multi-node cloud for real-time UHD video service. , 2014, , .   |     | 0         |
| 28 | Sensing-Transmission Edifice Using Bayesian Nonparametric Traffic Clustering in Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2141-2155. | 5.8 | 19        |
| 29 | A novel channel indexing-based channel selection algorithm for cognitive radio networks. , 2013, , .  |     | 3         |
| 30 | Cross-Layer Optimization for Multi-View Video Streaming Service over Wireless Broadband Internet. IEICE Transactions on Communications, 2011, E94-B, 2104-2113.       | 0.7 | 0         |
| 31 | LDPC based distributed video coding with multiple side information sets. , 2011, , .  |     | 0         |
| 32 | Cross-Layer QoS Control for Distributed Video Coding. IEICE Transactions on Communications, 2010, E93-B, 2485-2488.   | 0.7 | 0         |
| 33 | Distributed Video Coding with Multiple Side Information Sets. IEICE Transactions on Information and Systems, 2010, E93-D, 654-657.                                    | 0.7 | 2         |
| 34 | A cross-layer-based rate control method for distributed video coding. , 2009, , .   |     | 0         |
| 35 | Distributed video coding encoder/decoder complexity sharing method by phase motion estimation algorithm. , 2009, , .  |     | 3         |
| 36 | An MPEG-4 based software video phone tolerant of Internet packet loss. , 0, , .   |     | 1         |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 37 | Improved Anti-collision Scheme for High Speed Identification in RFID System. , 0, , . |    | 18        |