

Kiseon Kim

List of Publications by Year in descending order

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36
papers

268
citations

1163117

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996975

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36
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docs citations

36
times ranked

347
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Secrecy Outage Probability of Optimal Relay Selection for Secure AnF Cooperative Networks. IEEE Communications Letters, 2015, 19, 2086-2089. | 4.1 | 52 |
| 2 | System Dynamics of a Refined Epidemic Model for Infection Propagation Over Complex Networks. IEEE Systems Journal, 2016, 10, 1316-1325. | 4.6 | 29 |
| 3 | Spectrum Sensing by Parallel Pairs of Cross-Correlators and Comb Filters for OFDM Systems With Pilot Tones. IEEE Sensors Journal, 2012, 12, 2380-2383. | 4.7 | 26 |
| 4 | Efficient GF(256) raptor code decoding for multimedia broadcast/multicast services and consumer terminals. IEEE Transactions on Consumer Electronics, 2012, 58, 356-363. | 3.6 | 17 |
| 5 | Dependence of Outage Probability of Cooperative Systems with Single Relay Selection on Channel Correlation. IEEE Communications Letters, 2013, 17, 2060-2063. | 4.1 | 16 |
| 6 | Distributed Detection and Fusion of Weak Signals in Fading Channels with Non-Gaussian Noises. IEEE Communications Letters, 2012, 16, 220-223. | 4.1 | 14 |
| 7 | 3D Underwater Localization with Hybrid Ranging Method for Near-Sea Marine Monitoring. , 2011, , . | | 11 |
| 8 | Key Schemes for Security Enhanced TEEN Routing Protocol in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 391986. | 2.2 | 9 |
| 9 | Carrier sense multiple access with improvised collision avoidance and short-term fairness. Wireless Networks, 2012, 18, 915-927. | 3.0 | 8 |
| 10 | Schnorr-Euchner sphere decoder with statistical pruning for MIMO systems. , 2009, , . | | 7 |
| 11 | Basestation-Aided Coverage-Aware Energy-Efficient Routing Protocol for Wireless Sensor Networks. , 2008, , . | | 6 |
| 12 | Large-Signal Robustness of the Chair-Varshney Fusion Rule Under Generalized-Gaussian Noises. IEEE Sensors Journal, 2010, 10, 1438-1439. | 4.7 | 6 |
| 13 | Modeling and characteristics of mobile-to-mobile wideband MIMO channel based on the geometrical multi-radii two-rings with specified frequency selectivity. , 2012, , . | | 6 |
| 14 | Lower Bound on Expected Complexity of Depth-First Tree Search with Multiple Radii. IEEE Communications Letters, 2012, 16, 805-808. | 4.1 | 6 |
| 15 | Stability and Immunization Analysis of a Malware Spread Model over Scale-Free Networks. IEEE Communications Letters, 2014, , 1-1. | 4.1 | 6 |
| 16 | Fusion of Decisions Modeled as Weak Signals in Wireless Sensor Networks. , 2009, , . | | 5 |
| 17 | Determination of Communication Range for Range-Free Multi-Hop Localization in Wireless Sensor Networks. , 2011, , . | | 5 |
| 18 | Path Planning of a Mobile Beacon for Localization in Underwater Sensor Networks. , 2011, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Single relay selection for secure communication in a cooperative system with multiple full-duplex decode-and-forward relays. , 2015, , . | | 5 |
| 20 | Impact of Overhearing Link Quality on Power Allocation Strategy and Relay Location for Analog Network Coding. IEEE Transactions on Vehicular Technology, 2016, 65, 2780-2787. | 6.3 | 5 |
| 21 | A Near-ML Decoding with Improved Complexity over Wider Ranges of SNR and System Dimension in MIMO Systems. IEEE Transactions on Wireless Communications, 2012, 11, 33-37. | 9.2 | 4 |
| 22 | Delay Analysis of Orderly Reattempts in Retrial Queueing System with Phase Type Retrial Time. IEEE Communications Letters, 2013, 17, 822-825. | 4.1 | 4 |
| 23 | Robust detection of a weak signal with redescending M -estimators: A comparative study. International Journal of Adaptive Control and Signal Processing, 2010, 24, 33-40. | 4.1 | 3 |
| 24 | 3D localization with a mobile beacon in wireless sensor networks. , 2012, , . | | 3 |
| 25 | An Optimal Packet Aggregation Scheme in Delay-Constrained IEEE 802.11n WLANs. , 2012, , . | | 3 |
| 26 | Central Angle Decision Algorithm in Coverage-Preserving Scheme for Wireless Sensor Networks. , 2008, , . | | 2 |
| 27 | Adaptive interference suppression methods using transform domain approach in an on-board filter bank for satellite communications. , 2009, , . | | 2 |
| 28 | Asymptotically stable detection of a weak signal. International Journal of Adaptive Control and Signal Processing, 2014, 28, 848-858. | 4.1 | 2 |
| 29 | Analytical time-domain model for radio over free space optical military communication systems under turbulence channels. , 2009, , . | | 1 |
| 30 | A robust fusion rule using Piece-Wise Linear function in wireless sensor networks. , 2009, , . | | 0 |
| 31 | Ordering aided Schnorr-Euchner sphere decoding with statistical pruning based on IRA for MIMO systems. , 2009, , . | | 0 |
| 32 | Adaptive Interference Suppression Strategies for a Satellite On-Board Filter Bank under Tone-Type Interfering Environments. IEICE Transactions on Communications, 2011, E94-B, 2978-2982. | 0.7 | 0 |
| 33 | Key renewal scheme for clustering routing protocols in wireless sensor networks. , 2012, , . | | 0 |
| 34 | Adaptive resource allocation in multicast OFDMA transmissions using scalable amortize factor. , 2012, , . | | 0 |
| 35 | On the impact of retrials on traffic burstiness. , 2013, , . | | 0 |
| 36 | Expected complexity analysis of increasing radii algorithm by considering multiple radius schedules. IET Communications, 2013, 7, 229-235. | 2.2 | 0 |