

Song, Shenghui

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mobility-Aware Caching in D2D Networks. IEEE Transactions on Wireless Communications, 2017, 16, 5001-5015. | 9.2 | 136 |
| 2 | Cooperative Cognitive Networks: Optimal, Distributed and Low-Complexity Algorithms. IEEE Transactions on Signal Processing, 2013, 61, 2778-2790. | 5.3 | 84 |
| 3 | Spectrum sensing with active cognitive systems. IEEE Transactions on Wireless Communications, 2010, 9, 1849-1854. | 9.2 | 42 |
| 4 | Localized or Interleaved? A Tradeoff between Diversity and CFO Interference in Multipath Channels. IEEE Transactions on Wireless Communications, 2011, 10, 2829-2834. | 9.2 | 40 |
| 5 | Optimal QoS-Aware Channel Assignment in D2D Communications With Partial CSI. IEEE Transactions on Wireless Communications, 2016, 15, 7594-7609. | 9.2 | 38 |
| 6 | Exploiting Mobility in Cache-Assisted D2D Networks: Performance Analysis and Optimization. IEEE Transactions on Wireless Communications, 2018, 17, 5592-5605. | 9.2 | 33 |
| 7 | Developing and Assessing MATLAB Exercises for Active Concept Learning. IEEE Transactions on Education, 2019, 62, 2-10. | 2.4 | 27 |
| 8 | Mutual Information of Multipath Channels with Imperfect Channel Information. IEEE Transactions on Communications, 2009, 57, 1523-1531. | 7.8 | 15 |
| 9 | Design collaborative systems with multiple AF-relays for asynchronous frequency-selective fading channels. IEEE Transactions on Communications, 2009, 57, 2808-2817. | 7.8 | 15 |
| 10 | Outage Probability and Finite-SNR DMT Analysis for IRS-Aided MIMO Systems: How Large IRSs Need to be?. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 1070-1085. | 10.8 | 5 |
| 11 | Interface MB-Based Video Content Editing Transcoding. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 261-274. | 8.3 | 4 |
| 12 | Capacity of Correlated MISO Channels with Correlated Co-channel Interference and Noise. Wireless Personal Communications, 2010, 55, 253-263. | 2.7 | 2 |
| 13 | Transmit and Cooperative Beamforming in Multi-Relay Systems. , 2010, , . | | 2 |
| 14 | Optimal decoder for channels with estimation errors. IEEE Transactions on Wireless Communications, 2009, 8, 2795-2800. | 9.2 | 1 |