

Georgios

List of Publications by Year in descending order

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295
docs citations

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times ranked

7922
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Survey on Non-Orthogonal Multiple Access for 5G Networks: Research Challenges and Future Trends. IEEE Journal on Selected Areas in Communications, 2017, 35, 2181-2195. | 14.0 | 1,775 |
| 2 | 6G Wireless Networks: Vision, Requirements, Architecture, and Key Technologies. IEEE Vehicular Technology Magazine, 2019, 14, 28-41. | 3.4 | 1,275 |
| 3 | Optical wireless links with spatial diversity over strong atmospheric turbulence channels. IEEE Transactions on Wireless Communications, 2009, 8, 951-957. | 9.2 | 398 |
| 4 | A Survey on Mobile Anchor Node Assisted Localization in Wireless Sensor Networks. IEEE Communications Surveys and Tutorials, 2016, 18, 2220-2243. | 39.4 | 370 |
| 5 | Optical Wireless Communications With Heterodyne Detection Over Turbulence Channels With Pointing Errors. Journal of Lightwave Technology, 2009, 27, 4440-4445. | 4.6 | 356 |
| 6 | A Minorization-Maximization Method for Optimizing Sum Rate in the Downlink of Non-Orthogonal Multiple Access Systems. IEEE Transactions on Signal Processing, 2016, 64, 76-88. | 5.3 | 323 |
| 7 | BER Performance of FSO Links over Strong Atmospheric Turbulence Channels with Pointing Errors. IEEE Communications Letters, 2008, 12, 44-46. | 4.1 | 299 |
| 8 | Non-Orthogonal Multiple Access for Visible Light Communications. IEEE Photonics Technology Letters, 2016, 28, 51-54. | 2.5 | 299 |
| 9 | N_{ast} Nakagami: A Novel Stochastic Model for Cascaded Fading Channels. IEEE Transactions on Communications, 2007, 55, 1453-1458. | 7.8 | 292 |
| 10 | Wireless-Powered Communications With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2016, 15, 8422-8436. | 9.2 | 227 |
| 11 | On the Security of Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 3790-3795. | 6.3 | 221 |
| 12 | An Improved Approximation for the Gaussian Q-Function. IEEE Communications Letters, 2007, 11, 644-646. | 4.1 | 219 |
| 13 | Amplify-and-Forward Relay Selection with Outdated Channel Estimates. IEEE Transactions on Communications, 2012, 60, 1278-1290. | 7.8 | 195 |
| 14 | The Fisher-Snedecor F Distribution: A Simple and Accurate Composite Fading Model. IEEE Communications Letters, 2017, 21, 1661-1664. | 4.1 | 165 |
| 15 | Charging Schemes for Plug-In Hybrid Electric Vehicles in Smart Grid: A Survey. IEEE Access, 2016, 4, 6846-6875. | 4.2 | 158 |
| 16 | Joint Estimation of Channel and Oscillator Phase Noise in MIMO Systems. IEEE Transactions on Signal Processing, 2012, 60, 4790-4807. | 5.3 | 153 |
| 17 | Wireless Information and Power Transfer in Relay Systems With Multiple Antennas and Interference. IEEE Transactions on Communications, 2015, 63, 1400-1418. | 7.8 | 141 |
| 18 | On the Distribution of the Sum of Gamma-Gamma Variates and Applications in RF and Optical Wireless Communications. IEEE Transactions on Communications, 2011, 59, 1298-1308. | 7.8 | 133 |

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| 19 | Multiuser Relaying over Mixed RF/FSO Links. IEEE Transactions on Communications, 2014, 62, 1634-1645. | 7.8 | 132 |
| 20 | Fairness of User Clustering in MIMO Non-Orthogonal Multiple Access Systems. IEEE Communications Letters, 2016, , 1-1. | 4.1 | 129 |
| 21 | On the Performance of Visible Light Communication Systems With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2017, 16, 6350-6364. | 9.2 | 129 |
| 22 | On the Application of Quasi-Degradation to MISO-NOMA Downlink. IEEE Transactions on Signal Processing, 2016, 64, 6174-6189. | 5.3 | 127 |
| 23 | Secure Multiuser Communications in Multiple Amplify-and-Forward Relay Networks. IEEE Transactions on Communications, 2014, 62, 3299-3310. | 7.8 | 120 |
| 24 | Multihop Free-Space Optical Communications Over Strong Turbulence Channels. , 2006, , . | | 119 |
| 25 | Performance analysis of the dual-hop asymmetric fading channel. IEEE Transactions on Wireless Communications, 2009, 8, 2783-2788. | 9.2 | 114 |
| 26 | Diversity Combining in Hybrid RF/FSO Systems with PSK Modulation. , 2011, , . | | 106 |
| 27 | Simultaneous Lightwave Information and Power Transfer (SLIPT). IEEE Transactions on Green Communications and Networking, 2018, 2, 764-773. | 5.5 | 105 |
| 28 | Multiuser and Multirelay Cognitive Radio Networks Under Spectrum-Sharing Constraints. IEEE Transactions on Vehicular Technology, 2014, 63, 433-439. | 6.3 | 104 |
| 29 | Outage Performance of Cognitive Relay Networks With Wireless Information and Power Transfer. IEEE Transactions on Vehicular Technology, 2016, 65, 3828-3833. | 6.3 | 100 |
| 30 | A Survey on Ultraviolet C-Band (UV-C) Communications. IEEE Communications Surveys and Tutorials, 2019, 21, 2111-2133. | 39.4 | 94 |
| 31 | Wireless Networks with Energy Harvesting and Power Transfer: Joint Power and Time Allocation. IEEE Signal Processing Letters, 2016, 23, 50-54. | 3.6 | 93 |
| 32 | Adaptive Subcarrier PSK Intensity Modulation in Free Space Optical Systems. IEEE Transactions on Communications, 2011, 59, 1368-1377. | 7.8 | 91 |
| 33 | Generalized Maximum-Likelihood Sequence Detection for Photon-Counting Free Space Optical Systems. IEEE Transactions on Communications, 2010, 58, 3381-3385. | 7.8 | 85 |
| 34 | Full-Duplex Two-Way and One-Way Relaying: Average Rate, Outage Probability, and Tradeoffs. IEEE Transactions on Wireless Communications, 2016, 15, 3920-3933. | 9.2 | 85 |
| 35 | Exploiting Direct Links for Physical Layer Security in Multiuser Multirelay Networks. IEEE Transactions on Wireless Communications, 2016, 15, 3856-3867. | 9.2 | 82 |
| 36 | On the Design of Multiuser Codebooks for Uplink SCMA Systems. IEEE Communications Letters, 2016, 20, 1920-1923. | 4.1 | 78 |

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| 37 | Physical Layer Security Jamming: Theoretical Limits and Practical Designs in Wireless Networks. IEEE Access, 2017, 5, 3603-3611. | 4.2 | 75 |
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| 39 | PHY-layer Fairness in Amplify and Forward Cooperative Diversity Systems. IEEE Transactions on Wireless Communications, 2008, 7, 1073-1082. | 9.2 | 71 |
| 40 | Closed-form error analysis of the non-identical Nakagami-m relay fading channel. IEEE Communications Letters, 2008, 12, 259-261. | 4.1 | 70 |
| 41 | On the Monotonicity of the Generalized Marcum and Nuttall Q -Functions. IEEE Transactions on Information Theory, 2009, 55, 3701-3710. | 2.4 | 68 |
| 42 | Effect of Feedback Delay on Amplify-and-Forward Relay Networks With Beamforming. IEEE Transactions on Vehicular Technology, 2011, 60, 1265-1271. | 6.3 | 68 |
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| 45 | Two-relay distributed switch and stay combining. IEEE Transactions on Communications, 2008, 56, 1790-1794. | 7.8 | 60 |
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| 47 | Secure Switch-and-Stay Combining (SSSC) for Cognitive Relay Networks. IEEE Transactions on Communications, 2016, 64, 70-82. | 7.8 | 58 |
| 48 | Distributed Switch and Stay Combining (DSSC) with a Single Decode and Forward Relay. IEEE Communications Letters, 2007, 11, 408-410. | 4.1 | 57 |
| 49 | Joint Multiuser Detection of Multidimensional Constellations over Fading Channels. IEEE Transactions on Communications, 2016, , 1-1. | 7.8 | 56 |
| 50 | Distributed Machine Learning for Multiuser Mobile Edge Computing Systems. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 460-473. | 10.8 | 55 |
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| 52 | Hybrid NOMA/OMA With Buffer-Aided Relay Selection in Cooperative Networks. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 524-537. | 10.8 | 54 |
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| 57 | A Comprehensive Analysis of the Achievable Channel Capacity in α Composite Fading Channels. IEEE Access, 2019, 7, 34078-34094. | 4.2 | 50 |
| 58 | Machine Learning in Beyond 5G/6G Networks—State-of-the-Art and Future Trends. Electronics (Switzerland), 2021, 10, 2786. | 3.1 | 50 |
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| 65 | On the Multivariate Gamma—Gamma Distribution With Arbitrary Correlation and Applications in Wireless Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 3834-3840. | 6.3 | 42 |
| 66 | Spectrum Sensing in Full-Duplex Cognitive Radio Networks Under Hardware Imperfections. IEEE Transactions on Vehicular Technology, 2017, 66, 2072-2084. | 6.3 | 41 |
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| 82 | Non-Orthogonal Multiple Access (NOMA) With Multiple Intelligent Reflecting Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 7184-7195. | 9.2 | 34 |
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| 92 | Distributed Transmit Antenna Selection (DTAS) Under Performance or Energy Consumption Constraints. IEEE Transactions on Wireless Communications, 2008, 7, 1168-1173. | 9.2 | 28 |
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| 99 | Hybrid Lightwave/RF Cooperative NOMA Networks. IEEE Transactions on Wireless Communications, 2020, 19, 1154-1166. | 9.2 | 27 |
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| 101 | Spectrum Sensing with Multiple Primary Users over Fading Channels. IEEE Communications Letters, 2016, , 1-1. | 4.1 | 26 |
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| 103 | On the Distribution of the Sum of Double-Nakagami- m Random Vectors and Application in Randomly Reconfigurable Surfaces. IEEE Transactions on Vehicular Technology, 2022, 71, 7297-7307. | 6.3 | 25 |
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| 107 | The K $\hat{=}$ $\hat{=}$ / inverse gamma fading model. , 2015, , . | | 23 |
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| 117 | Backscatter Communications Over Correlated Nakagami- m and α Fading Channels. IEEE Transactions on Communications, 2019, 67, 1693-1704. | 7.8 | 21 |
| 118 | Integrating Broadcasting and NOMA in Full-Duplex Buffer-Aided Opportunistic Relay Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9157-9162. | 6.3 | 21 |
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| 130 | On the Uplink Sum Rate of SCMA System With Randomly Deployed Users. IEEE Wireless Communications Letters, 2017, 6, 338-341. | 5.0 | 18 |
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| 132 | Optical Adaptive Precoding for Visible Light Communications. IEEE Access, 2018, 6, 22121-22130. | 4.2 | 18 |
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| 136 | Throughput-Optimal Link-Layer Design in Power Constrained Hybrid OW/RF Systems. IEEE Journal on Selected Areas in Communications, 2015, 33, 1972-1984. | 14.0 | 17 |
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| 138 | Simultaneous Lightwave Information and Power Transfer in Underwater Visible Light Communications. , 2019, , . | | 17 |
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| 141 | Signal Quality Assessment for Transdermal Optical Wireless Communications under Pointing Errors. Technologies, 2018, 6, 109. | 5.1 | 16 |
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| 151 | Mixed RF-VLC Relaying Systems for Interference-Sensitive Mobile Applications. IEEE Transactions on Vehicular Technology, 2020, 69, 11099-11111. | 6.3 | 14 |
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