

# Amirhossein Mohammadian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3503696/publications.pdf>

Version: 2024-02-01

11  
papers

144  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

82  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Deep Learning LMMSE Joint Channel, PN, and IQ Imbalance Estimator for Multicarrier MIMO Full-Duplex Systems. IEEE Wireless Communications Letters, 2022, 11, 111-115.               | 5.0 | 11        |
| 2  | Spectral analysis of GFDM modulated signal under nonlinear behavior of power amplifier. Wireless Networks, 2021, 27, 137-149.   | 3.0 | 2         |
| 3  | Joint Channel and Phase Noise Estimation and Data Detection for GFDM. IEEE Open Journal of the Communications Society, 2021, 2, 915-933.  | 6.9 | 14        |
| 4  | RF Impairments in Wireless Transceivers: Phase Noise, CFO, and IQ Imbalance – A Survey. IEEE Access, 2021, 9, 111718-111791.  | 4.2 | 46        |
| 5  | Deep Learning-Based Phase Noise Compensation in Multicarrier Systems. IEEE Wireless Communications Letters, 2021, 10, 2110-2114.  | 5.0 | 14        |
| 6  | Analysis of Self-Interference Cancellation Under Phase Noise, CFO, and IQ Imbalance in GFDM Full-Duplex Transceivers. IEEE Transactions on Vehicular Technology, 2020, 69, 700-713. | 6.3 | 20        |
| 7  | Cognitive GFDM Full-Duplex Radios With RF Impairments and ACI Constraints. IEEE Open Journal of the Communications Society, 2020, 1, 732-749.                                       | 6.9 | 7         |
| 8  | Optimal Power Allocation of GFDM Secondary Links With Power Amplifier Nonlinearity and ACI. IEEE Wireless Communications Letters, 2019, 8, 93-96.                                   | 5.0 | 11        |
| 9  | Full-Duplex GFDM Radio Transceivers in the Presence of Phase Noise, CFO and IQ Imbalance. , 2019, , .   |     | 9         |
| 10 | GFDM-Modulated Full-Duplex Cognitive Radio Networks in the Presence of RF Impairments. , 2019, , .  |     | 4         |
| 11 | Analysis and rate optimization of GFDM-based cognitive radios. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3435.   | 3.9 | 6         |