

# Patrick Schulte

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4889103/publications.pdf>

Version: 2024-02-01

12  
papers

1,879  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

760  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Invertible Low-Divergence Coding. IEEE Transactions on Information Theory, 2022, 68, 178-192.   | 2.4 | 1         |
| 2  | Shaped On-Off Keying Using Polar Codes. IEEE Communications Letters, 2019, 23, 1922-1926.   | 4.1 | 5         |
| 3  | Probabilistic Shaping and Forward Error Correction for Fiber-Optic Communication Systems. Journal of Lightwave Technology, 2019, 37, 230-244.               | 4.6 | 144       |
| 4  | Divergence-Optimal Fixed-to-Fixed Length Distribution Matching With Shell Mapping. IEEE Wireless Communications Letters, 2019, 8, 620-623.                  | 5.0 | 48        |
| 5  | Approaching waterfilling capacity of parallel channels by higher order modulation and probabilistic amplitude shaping. , 2018, , .                          |     | 23        |
| 6  | Field Trial of a 1 Tb/s Super-Channel Network Using Probabilistically Shaped Constellations. Journal of Lightwave Technology, 2017, 35, 1399-1406.          | 4.6 | 48        |
| 7  | Divergence scaling of fixed-length, binary-output, one-to-one distribution matching. , 2017, , .  |     | 7         |
| 8  | Fast Probabilistic Shaping Implementation for Long-Haul Fiber-Optic Communication Systems. , 2017, , .  |     | 20        |
| 9  | Design of robust, protograph based LDPC codes for rate-adaptation via probabilistic shaping. , 2016, , .  |     | 2         |
| 10 | Constant Composition Distribution Matching. IEEE Transactions on Information Theory, 2016, 62, 430-434.   | 2.4 | 508       |
| 11 | Rate Adaptation and Reach Increase by Probabilistically Shaped 64-QAM: An Experimental Demonstration. Journal of Lightwave Technology, 2016, 34, 1599-1609. | 4.6 | 492       |
| 12 | Bandwidth Efficient and Rate-Matched Low-Density Parity-Check Coded Modulation. IEEE Transactions on Communications, 2015, 63, 4651-4665.                   | 7.8 | 581       |