

Bilgesu Arif Bilgin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

209
citations

1684188

5
h-index

1872680

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g-index

10
all docs

10
docs citations

10
times ranked

217
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The Laplace Microarchitecture for Tracking Data Uncertainty. IEEE Micro, 2022, 42, 78-86. | 1.8 | 0 |
| 2 | Probabilistic Value-Deviation-Bounded Source-Dependent Bit-Level Channel Adaptation for Approximate Communication. IEEE Transactions on Computers, 2021, 70, 1949-1961. | 3.4 | 1 |
| 3 | A System for Generating Non-Uniform Random Variates using Graphene Field-Effect Transistors. , 2020, , . | | 0 |
| 4 | Human Blockage Model for Indoor Terahertz Band Communication. , 2019, , . | | 20 |
| 5 | Transmitter and Receiver Architectures for Molecular Communications: A Survey on Physical Design With Modulation, Coding, and Detection Techniques. Proceedings of the IEEE, 2019, 107, 1302-1341. | 21.3 | 106 |
| 6 | Determining functionals for damped nonlinear wave equations. Complex Variables and Elliptic Equations, 2018, 63, 931-944. | 0.8 | 0 |
| 7 | DNA-Based Molecular Communications. IEEE Access, 2018, 6, 73119-73129. | 4.2 | 12 |
| 8 | Diffusion-Based Model for Synaptic Molecular Communication Channel. IEEE Transactions on Nanobioscience, 2017, 16, 299-308. | 3.3 | 42 |
| 9 | A Fast Algorithm for Analysis of Molecular Communication in Artificial Synapse. IEEE Transactions on Nanobioscience, 2017, 16, 408-417. | 3.3 | 15 |
| 10 | Blow up of solutions to the initial boundary value problem for quasilinear strongly damped wave equations. Journal of Mathematical Analysis and Applications, 2013, 403, 89-94. | 1.0 | 13 |