

# Bilgesu Arif Bilgin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5402396/publications.pdf>

Version: 2024-02-01

10  
papers

209  
citations

1684188

5  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

217  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Diffusion-Based Model for Synaptic Molecular Communication Channel. IEEE Transactions on Nanobioscience, 2017, 16, 299-308.	3.3	42
3	Human Blockage Model for Indoor Terahertz Band Communication. , 2019, , .		20
4	A Fast Algorithm for Analysis of Molecular Communication in Artificial Synapse. IEEE Transactions on Nanobioscience, 2017, 16, 408-417.	3.3	15
5	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
6	DNA-Based Molecular Communications. IEEE Access, 2018, 6, 73119-73129.	4.2	12
7	Probabilistic Value-Deviation-Bounded Source-Dependent Bit-Level Channel Adaptation for Approximate Communication. IEEE Transactions on Computers, 2021, 70, 1949-1961.	3.4	1
8	Determining functionals for damped nonlinear wave equations. Complex Variables and Elliptic Equations, 2018, 63, 931-944.	0.8	0
9	A System for Generating Non-Uniform Random Variates using Graphene Field-Effect Transistors. , 2020, , .		0
10	The Laplace Microarchitecture for Tracking Data Uncertainty. IEEE Micro, 2022, 42, 78-86.	1.8	0