

Deniz Kilinc

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/465888/publications.pdf>

Version: 2024-02-01

10
papers

315
citations

1937457

4
h-index

1872570

6
g-index

10
all docs

10
docs citations

10
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Receiver Design for Molecular Communication. IEEE Journal on Selected Areas in Communications, 2013, 31, 705-714.	9.7	226
2	An Information Theoretical Analysis of Nanoscale Molecular Gap Junction Communication Channel Between Cardiomyocytes. IEEE Nanotechnology Magazine, 2013, 12, 129-136.	1.1	34
3	On the Maximum Coverage Area of Wireless Networked Control Systems With Maximum Cost-Efficiency Under Convergence Constraint. IEEE Transactions on Automatic Control, 2015, 60, 1910-1914.	3.6	18
4	A traffic congestion avoidance algorithm with dynamic road pricing for smart cities. , 2013, , .		17
5	Spike timing precision of neuronal circuits. Journal of Computational Neuroscience, 2018, 44, 341-362.	0.6	8
6	Nanoscale Magneto-Inductive communication. , 2013, , .		4
7	On the maximum coverage area of wireless networked control systems under stability and cost-efficiency constraints. , 2013, , .		2
8	A Theoretical Modeling and Analysis of Communication via Heat Flow at Nanoscale. IEEE Transactions on Communications, 2014, 62, 3600-3609.	4.9	2
9	Simulation of noise in neurons and neuronal circuits. , 2015, , .		2
10	Noise in Neuronal and Electronic Circuits: A General Modeling Framework and Non-Monte Carlo Simulation Techniques. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 958-974.	2.7	2