Luca Felicetti

List of Publications by Year
in descending order

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20 papers	513 citations	1307594 7 h-index	1281871 11 g-index
20 all docs	20 docs citations	20 times ranked	394 citing authors

#	Article	IF	Citations
1	Simulation of molecular signaling in blood vessels: Software design and application to atherogenesis. Nano Communication Networks, 2013, 4, 98-119.	2.9	104
2	TCP-Like Molecular Communications. IEEE Journal on Selected Areas in Communications, 2014, 32, 2354-2367.	14.0	90
3	Simulating an in vitro experiment on nanoscale communications by using BiNS2. Nano Communication Networks, 2013, 4, 172-180.	2.9	80
4	DIRECT: A model for molecular communication nanonetworks based on discrete entities. Nano Communication Networks, 2013, 4, 181-188.	2.9	66
5	Modeling CD40-Based Molecular Communications in Blood Vessels. IEEE Transactions on Nanobioscience, 2014, 13, 230-243.	3.3	48
6	A Molecular Communication System in Blood Vessels for Tumor Detection. , 2014, , .		24
7	Establishing digital molecular communications in blood vessels. , 2013, , .		21
8	Congestion Control in Molecular Cyber-Physical Systems. IEEE Access, 2017, 5, 10000-10011.	4.2	20
9	A Molecular Communications System for Live Detection of Hyperviscosity Syndrome. IEEE Transactions on Nanobioscience, 2020, 19, 410-421.	3.3	16
10	Smart antennas for diffusion-based molecular communications. , 2015, , .		10
11	A simple and scalable receiver model in molecular communication systems. , 2016, , .		8
12	Parallel algorithms for simulating interacting carriers in nanocommunication. Nano Communication Networks, 2019, 20, 20-30.	2.9	7
13	A Molecular Communications System for the Detection of Inflammatory Levels Related to COVID-19 Disease. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2021, 7, 165-174.	2.1	7
14	MolComML. , 2016, , .		4
15	The Molecular Communications Markup Language (MolComML). Nano Communication Networks, 2018, 16, 12-25.	2.9	4
16	Fast simulation of interacting carriers in nanosimulators. , 2018, , .		2
17	A big-data layered architecture for analyzing molecular communications systems in blood vessels. , 2017, , .		1
18	Effect of Aging, Disease Versus Health Conditions in the Design of Nano-communications in Blood Vessels. Modeling and Optimization in Science and Technologies, 2017, , 447-471.	0.7	1

#	Article	IF	Citations
19	A molecular communication system in blood vessels for the detection of hyperviscosity syndrome. , 2019, , .		0
20	A Nano Communication System for CTC Detection in Blood Vessels. Lecture Notes in Computer Science, 2019, , 159-170.	1.3	0