Gregory Linshiz

List of Publications by Year
in descending order

14 papers	399 citations	1040056 9 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	551 citing authors

#	Article	IF	Citations
1	Stochastic computing with biomolecular automata. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9960-9965.	7.1	93
2	End-to-end automated microfluidic platform for synthetic biology: from design to functional analysis. Journal of Biological Engineering, 2016, 10, 3.	4.7	54
3	Recursive construction of perfect DNA molecules from imperfect oligonucleotides. Molecular Systems Biology, 2008, 4, 191.	7.2	50
4	Cloud-Enabled Microscopy and Droplet Microfluidic Platform for Specific Detection of Escherichia coli in Water. PLoS ONE, 2014, 9, e86341.	2.5	47
5	PaR-PaR Laboratory Automation Platform. ACS Synthetic Biology, 2013, 2, 216-222.	3.8	46
6	PR-PR: Cross-Platform Laboratory Automation System. ACS Synthetic Biology, 2014, 3, 515-524.	3.8	41
7	De novo DNA synthesis using single molecule PCR. Nucleic Acids Research, 2008, 36, e107-e107.	14.5	25
8	Processing DNA molecules as text. Systems and Synthetic Biology, 2010, 4, 227-236.	1.0	15
9	Computer-aided high-throughput cloning of bacteria in liquid medium. BioTechniques, 2011, 50, 124-127.	1.8	11
10	The Fusion of Biology, Computer Science, and Engineering: Towards Efficient and Successful Synthetic Biology. Perspectives in Biology and Medicine, 2012, 55, 503-520.	0.5	9
11	Repurposing a microfluidic formulation device for automated DNA construction. PLoS ONE, 2020, 15, e0242157.	2.5	4
12	Recursive Construction of Perfect DNA Molecules and Libraries from Imperfect Oligonucleotides. Methods in Molecular Biology, 2012, 852, 151-163.	0.9	2
13	Programmable In Vivo Selection of Arbitrary DNA Sequences. PLoS ONE, 2012, 7, e47795.	2.5	1
14	De Novo DNA Synthesis Using Single-Molecule PCR. Methods in Molecular Biology, 2012, 852, 35-47.	0.9	1