Sara El-Metwally

List of Publications by Year
in descending order

18 papers	225 citations	1478280 6 h-index	996849 15 g-index
20 all docs	20 docs citations	20 times ranked	409 citing authors

#	Article	IF	Citations
1	Next-Generation Sequence Assembly: Four Stages of Data Processing and Computational Challenges. PLoS Computational Biology, 2013, 9, e1003345.	1.5	120
2	LightAssembler: fast and memory-efficient assembly algorithm for high-throughput sequencing reads. Bioinformatics, 2016, 32, 3215-3223.	1.8	15
3	Ant Lion Optimization algorithm for kidney exchanges. PLoS ONE, 2018, 13, e0196707.	1.1	13
4	First- and Next-Generations Sequencing Methods. SpringerBriefs in Systems Biology, 2014, , 29-36.	0.1	9
5	Morse glasses: an IoT communication system based on Morse code for users with speech impairments. Computing (Vienna/New York), 2022, 104, 789-808.	3.2	8
6	Unimodalâ€Bioâ€GAN: Keyless biometric salting scheme based on generative adversarial network. IET Biometrics, 2021, 10, 654-663.	1.6	5
7	New Horizons in Next-Generation Sequencing. SpringerBriefs in Systems Biology, 2014, , 51-59.	0.1	4
8	Novel Next-Generation Sequencing Applications. SpringerBriefs in Systems Biology, 2014, , 61-70.	0.1	3
9	Next-Generation Sequence Assemblers. SpringerBriefs in Systems Biology, 2014, , 103-116.	0.1	2
10	Assessment of Next-Generation Sequence Assembly. SpringerBriefs in Systems Biology, 2014, , 95-101.	0.1	2
11	Challenges in the Next-Generation Sequencing Field. SpringerBriefs in Systems Biology, 2014, , 45-49.	0.1	2
12	A Roadmap to Sequence Assembly Evaluation Tools. Current Bioinformatics, 2021, 16, 644-661.	0.7	1
13	Algorithms and Data Structures in Next-Generation Sequencing. SpringerBriefs in Systems Biology, 2014, , 15-26.	0.1	1
14	Approaches and Challenges of Next-Generation Sequence Assembly Stages. SpringerBriefs in Systems Biology, 2014, , 79-93.	0.1	1
15	Next-Generation Sequence Assembly Overview. SpringerBriefs in Systems Biology, 2014, , 73-78.	0.1	1
16	Analyzing Public Perceptions Toward COVID-19 Vaccination Process Using Social Media and Machine Learning. , 2021, , .		1
17	Basics of Molecular Biology for Next-Generation Sequencing. SpringerBriefs in Systems Biology, 2014, , 3-13.	0.1	0
18	Unlocking the Public Perception of COVID-19 Vaccination Process on Social Media. , 2021, , .		0