

Nicholas Roehner

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

737
citations

706676

14
h-index

889612

19
g-index

21
all docs

21
docs citations

21
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Curation Principles Derived from the Analysis of the SBOL iGEM Data Set. ACS Synthetic Biology, 2021, 10, 2592-2606.	1.9	3
2	Synthetic Biology Curation Tools (SYNBICT). ACS Synthetic Biology, 2021, 10, 3200-3204.	1.9	2
3	Capturing Multicellular System Designs Using Synthetic Biology Open Language (SBOL). ACS Synthetic Biology, 2020, 9, 2410-2417.	1.9	1
4	Specifying Combinatorial Designs with the Synthetic Biology Open Language (SBOL). ACS Synthetic Biology, 2019, 8, 1519-1523.	1.9	2
5	Synthetic Biology Open Language (SBOL) Version 2.3. Journal of Integrative Bioinformatics, 2019, 16, .	1.0	16
6	Synthetic Biology Open Language Visual (SBOL Visual) Version 2.0. Journal of Integrative Bioinformatics, 2018, 15, .	1.0	21
7	Registry in a tube: multiplexed pools of retrievable parts for genetic design space exploration. Nucleic Acids Research, 2017, 45, gkw1226.	6.5	37
8	Needs and opportunities in bio-design automation: four areas for focus. Current Opinion in Chemical Biology, 2017, 40, 111-118.	2.8	25
9	Sharing Structure and Function in Biological Design with SBOL 2.0. ACS Synthetic Biology, 2016, 5, 498-506.	1.9	88
10	Double Dutch: A Tool for Designing Combinatorial Libraries of Biological Systems. ACS Synthetic Biology, 2016, 5, 507-517.	1.9	34
11	A Converter from the Systems Biology Markup Language to the Synthetic Biology Open Language. ACS Synthetic Biology, 2016, 5, 479-486.	1.9	20
12	libSBOLj 2.0: A Java Library to Support SBOL 2.0. IEEE Life Sciences Letters, 2015, 1, 34-37.	1.2	24
13	Synthetic Biology Open Language (SBOL) Version 2.0.0. Journal of Integrative Bioinformatics, 2015, 12, 902-991.	1.0	22
14	Generating Systems Biology Markup Language Models from the Synthetic Biology Open Language. ACS Synthetic Biology, 2015, 4, 873-879.	1.9	81
15	A Framework for Genetic Logic Synthesis. Proceedings of the IEEE, 2015, 103, 2196-2207.	16.4	22
16	Proposed Data Model for the Next Version of the Synthetic Biology Open Language. ACS Synthetic Biology, 2015, 4, 57-71.	1.9	19
17	A Methodology to Annotate Systems Biology Markup Language Models with the Synthetic Biology Open Language. ACS Synthetic Biology, 2014, 3, 57-66.	1.9	30
18	Directed Acyclic Graph-Based Technology Mapping of Genetic Circuit Models. ACS Synthetic Biology, 2014, 3, 543-555.	1.9	30

#	ARTICLE	IF	CITATIONS
19	The Synthetic Biology Open Language (SBOL) provides a community standard for communicating designs in synthetic biology. <i>Nature Biotechnology</i> , 2014, 32, 545-550.	9.4	247