

Goksel Misirli

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,427
citations

471061

17
h-index

344852

36
g-index

47
all docs

47
docs citations

47
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomaly Detection for IoT Time-Series Data: A Survey. IEEE Internet of Things Journal, 2020, 7, 6481-6494.	5.5	320
2	The Synthetic Biology Open Language (SBOL) provides a community standard for communicating designs in synthetic biology. Nature Biotechnology, 2014, 32, 545-550.	9.4	247
3	SynBioHub: A Standards-Enabled Design Repository for Synthetic Biology. ACS Synthetic Biology, 2018, 7, 682-688.	1.9	112
4	Sharing Structure and Function in Biological Design with SBOL 2.0. ACS Synthetic Biology, 2016, 5, 498-506.	1.9	88
5	Standard virtual biological parts: a repository of modular modeling components for synthetic biology. Bioinformatics, 2010, 26, 925-931.	1.8	87
6	Harmonizing semantic annotations for computational models in biology. Briefings in Bioinformatics, 2019, 20, 540-550.	3.2	52
7	Proteomic analysis of <i>Bacillus subtilis</i> strains engineered for improved production of heterologous proteins. Proteomics, 2013, 13, 3298-3308.	1.3	44
8	The Synthetic Biology Open Language (SBOL) Version 3: Simplified Data Exchange for Bioengineering. Frontiers in Bioengineering and Biotechnology, 2020, 8, 1009.	2.0	40
9	Model annotation for synthetic biology: automating model to nucleotide sequence conversion. Bioinformatics, 2011, 27, 973-979.	1.8	38
10	A standard-enabled workflow for synthetic biology. Biochemical Society Transactions, 2017, 45, 793-803.	1.6	38
11	A Computational Workflow for the Automated Generation of Models of Genetic Designs. ACS Synthetic Biology, 2019, 8, 1548-1559.	1.9	27
12	libSBOLj 2.0: A Java Library to Support SBOL 2.0. IEEE Life Sciences Letters, 2015, 1, 34-37.	1.2	24
13	The SBOL Stack: A Platform for Storing, Publishing, and Sharing Synthetic Biology Designs. ACS Synthetic Biology, 2016, 5, 487-497.	1.9	24
14	Data Integration and Mining for Synthetic Biology Design. ACS Synthetic Biology, 2016, 5, 1086-1097.	1.9	23
15	Synthetic Biology Open Language (SBOL) Version 2.0.0. Journal of Integrative Bioinformatics, 2015, 12, 902-991.	1.0	22
16	Synthetic Biology Open Language (SBOL) Version 2.0.0. Journal of Integrative Bioinformatics, 2015, 12, 272.	1.0	21
17	Synthetic Biology Open Language (SBOL) Version 2.2.0. Journal of Integrative Bioinformatics, 2018, 15, .	1.0	20
18	Proposed Data Model for the Next Version of the Synthetic Biology Open Language. ACS Synthetic Biology, 2015, 4, 57-71.	1.9	19

#	ARTICLE	IF	CITATIONS
19	VisBOL: Web-Based Tools for Synthetic Biology Design Visualization. ACS Synthetic Biology, 2016, 5, 874-876.	1.9	18
20	Annotation of rule-based models with formal semantics to enable creation, analysis, reuse and visualization. Bioinformatics, 2016, 32, 908-917.	1.8	18
21	Synthetic Biology Open Language (SBOL) Version 2.3. Journal of Integrative Bioinformatics, 2019, 16, .	1.0	16
22	Composable Modular Models for Synthetic Biology. ACM Journal on Emerging Technologies in Computing Systems, 2014, 11, 1-19.	1.8	15
23	Synthetic biology open language (SBOL) version 3.0.0. Journal of Integrative Bioinformatics, 2020, 17, .	1.0	13
24	BacillOndex: An Integrated Data Resource for Systems and Synthetic Biology. Journal of Integrative Bioinformatics, 2013, 10, 103-116.	1.0	12
25	SBOL-OWL: An Ontological Approach for Formal and Semantic Representation of Synthetic Biology Information. ACS Synthetic Biology, 2019, 8, 1498-1514.	1.9	12
26	Synthetic Biology Open Language (SBOL) Version 2.1.0. Journal of Integrative Bioinformatics, 2016, 13, .	1.0	11
27	Constructing synthetic biology workflows in the cloud. Engineering Biology, 2017, 1, 61-65.	0.8	9
28	Tuning receiver characteristics in bacterial quorum communication: An evolutionary approach using standard virtual biological parts. , 2014, , .		7
29	ShortBOL: A Language for Scripting Designs for Engineered Biological Systems Using Synthetic Biology Open Language (SBOL). ACS Synthetic Biology, 2020, 9, 962-966.	1.9	7
30	Synthetic biology open language visual (SBOL Visual) version 2.3. Journal of Integrative Bioinformatics, 2021, 18, .	1.0	6
31	Synthetic Biology Open Language (SBOL) Version 2.1.0. Journal of Integrative Bioinformatics, 2016, 13, 291.	1.0	6
32	Virtual Parts Repository 2: Model-Driven Design of Genetic Regulatory Circuits. ACS Synthetic Biology, 2021, 10, 3304-3315.	1.9	6
33	Evolutionary computation for the design of a stochastic switch for synthetic genetic circuits. , 2010, 2010, 768-74.		5
34	BacillOndex: an integrated data resource for systems and synthetic biology. Journal of Integrative Bioinformatics, 2013, 10, 224.	1.0	4
35	BacillusRegNet: a transcriptional regulation database and analysis platform for Bacillus species. Journal of Integrative Bioinformatics, 2014, 11, 244.	1.0	4
36	BacillusRegNet: A transcriptional regulation database and analysis platform for Bacillus species. Journal of Integrative Bioinformatics, 2014, 11, 106-119.	1.0	3

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37	SBOL Visual 2 Ontology. ACS Synthetic Biology, 2020, 9, 972-977.	1.9	3
38	A Genetic Circuit Compiler: Generating Combinatorial Genetic Circuits with Web Semantics and Inference. ACS Synthetic Biology, 2018, 7, 2812-2823.	1.9	2
39	SBML Level 3 Package Proposal: Annotation. Nature Precedings, 2011, , .	0.1	1
40	Capturing Multicellular System Designs Using Synthetic Biology Open Language (SBOL). ACS Synthetic Biology, 2020, 9, 2410-2417.	1.9	1
41	The Synthetic Biology Open Language. Methods in Molecular Biology, 2015, 1244, 323-336.	0.4	1
42	SBML Level 3 Package Proposal: Annotation. Nature Precedings, 0, , .	0.1	1
43	libSBOLj 2.0: A Java Library to Support SBOL 2.0. IEEE Life Sciences Letters, 2016, , 1-1.	1.2	0