

# Nicolas Rodriguez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6841019/publications.pdf>

Version: 2024-02-01

23  
papers

2,342  
citations

394421

19  
h-index

610901

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3384  
citing authors

#	ARTICLE	IF	CITATIONS
1	BioModels Database: An enhanced, curated and annotated resource for published quantitative kinetic models. <i>BMC Systems Biology</i> , 2010, 4, 92.	3.0	467
2	BioModels: ten-year anniversary. <i>Nucleic Acids Research</i> , 2015, 43, D542-D548.	14.5	334
3	Controlled vocabularies and semantics in systems biology. <i>Molecular Systems Biology</i> , 2011, 7, 543.	7.2	246
4	<scp>SBML</scp> Level 3: an extensible format for the exchange and reuse of biological models. <i>Molecular Systems Biology</i> , 2020, 16, e9110.	7.2	178
5	BioModelsâ€™15 years of sharing computational models in life science. <i>Nucleic Acids Research</i> , 2020, 48, D407-D415.	14.5	175
6	SBML qualitative models: a model representation format and infrastructure to foster interactions between qualitative modelling formalisms and tools. <i>BMC Systems Biology</i> , 2013, 7, 135.	3.0	145
7	Path2Models: large-scale generation of computational models from biochemical pathway maps. <i>BMC Systems Biology</i> , 2013, 7, 116.	3.0	145
8	COMBINE archive and OMEX format: one file to share all information to reproduce a modeling project. <i>BMC Bioinformatics</i> , 2014, 15, 369.	2.6	114
9	JSBML: a flexible Java library for working with SBML. <i>Bioinformatics</i> , 2011, 27, 2167-2168.	4.1	81
10	BioModels: expanding horizons to include more modelling approaches and formats. <i>Nucleic Acids Research</i> , 2018, 46, D1248-D1253.	14.5	80
11	PANDIT: an evolution-centric database of protein and associated nucleotide domains with inferred trees. <i>Nucleic Acids Research</i> , 2006, 34, D327-D331.	14.5	59
12	Designing and encoding models for synthetic biology. <i>Journal of the Royal Society Interface</i> , 2009, 6, S405-17.	3.4	51
13	Modeling Meets Metabolomicsâ€™The WormJam Consensus Model as Basis for Metabolic Studies in the Model Organism <i>Caenorhabditis elegans</i> . <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 96.	3.5	40
14	JSBML 1.0: providing a smorgasbord of options to encode systems biology models. <i>Bioinformatics</i> , 2015, 31, 3383-3386.	4.1	37
15	MELTING, a flexible platform to predict the melting temperatures of nucleic acids. <i>BMC Bioinformatics</i> , 2012, 13, 101.	2.6	36
16	The systems biology format converter. <i>BMC Bioinformatics</i> , 2016, 17, 154.	2.6	30
17	SBMLeditor: effective creation of models in the Systems Biology Markup Language (SBML). <i>BMC Bioinformatics</i> , 2007, 8, 79.	2.6	29
18	The systems biology simulation core algorithm. <i>BMC Systems Biology</i> , 2013, 7, 55.	3.0	27

#	ARTICLE	IF	CITATIONS
19	Meeting report from the fourth meeting of the Computational Modeling in Biology Network (COMBINE). Standards in Genomic Sciences, 2014, 9, 1285-1301.	1.5	21
20	Qualitative translation of relations from BioPAX to SBML qual. Bioinformatics, 2012, 28, 2648-2653.	4.1	20
21	Systems biology markup language (SBML) level 3 package: multistate, multicomponent and multicompartments species, version 1, release 2. Journal of Integrative Bioinformatics, 2020, 17, .	1.5	8
22	Data Integration and Semantic Enrichment of Systems Biology Models and Simulations. Lecture Notes in Computer Science, 2009, , 5-15.	1.3	1
23	JSBML. Nature Precedings, 2010, , .	0.1	0