

# Franck Delaplace

## List of Publications by Year in descending order

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32  
papers

218  
citations

1307594

7  
h-index

1058476

14  
g-index

34  
all docs

34  
docs citations

34  
times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	TaBooN Boolean Network Synthesis Based on Tabu Search. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2499-2511.	3.0	4
2	Sequential reprogramming of biological network fate. Theoretical Computer Science, 2021, 872, 97-116.	0.9	6
3	Bisimilar Booleanization of multivalued networks. BioSystems, 2020, 197, 104205.	2.0	5
4	Causal Reasoning on Boolean Control Networks Based on Abduction: Theory and Application to Cancer Drug Discovery. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 1574-1585.	3.0	34
5	Sequential Reprogramming of Biological Network Fate. Lecture Notes in Computer Science, 2019, , 20-41.	1.3	5
6	Activity Networks with Delays an Application to Toxicity Analysis. Fundamenta Informaticae, 2018, 160, 119-142.	0.4	1
7	Abductive Network Action Inference for Targeted Therapy Discovery. Electronic Notes in Theoretical Computer Science, 2018, 335, 3-25.	0.9	8
8	Abduction Based Drug Target Discovery Using Boolean Control Network. Lecture Notes in Computer Science, 2017, , 57-73.	1.3	8
9	Networks and games for precision medicine. BioSystems, 2016, 150, 52-60.	2.0	7
10	Towards a Behavioral-Matching Based Compilation of Synthetic Biology Functions. Acta Biotheoretica, 2015, 63, 325-339.	1.5	0
11	GUBS, a Behaviour-Based Language for Design in Synthetic Biology. Scientific Annals of Computer Science, 2013, 23, 1-38.	0.1	4
12	Analysis of Modular Organisation of Interaction Networks Based on Asymptotic Dynamics. Lecture Notes in Computer Science, 2012, , 148-165.	1.3	4
13	Matrix-Bound PAI-1 Supports Cell Blebbing via RhoA/ROCK1 Signaling. PLoS ONE, 2012, 7, e32204.	2.5	29
14	When a Collective Outcome Triggers a Rare Individual Event: A Mode of Metastatic Process in a Cell Population. Mathematical Population Studies, 2010, 17, 136-165.	2.2	5
15	Discrete causal model view of biological networks. , 2010, , .		2
16	Games network and application to PAs system. BioSystems, 2007, 87, 136-141.	2.0	15
17	Semantics of Biological Regulatory Networks. Electronic Notes in Theoretical Computer Science, 2007, 180, 3-14.	0.9	34
18	Modélisation des systèmes biologiques par la théorie des réseaux de jeux. Techniques Et Sciences Informatiques, 2007, 26, 279-303.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Exogean: a framework for annotating protein-coding genes in eukaryotic genomic DNA. <i>Genome Biology</i> , 2006, 7, S7.	9.6	14
20	Modéliser les interactions moléculaires par la théorie des réseaux de jeux. <i>Comptes Rendus - Biologies</i> , 2006, 329, 938-944.	0.2	1
21	Modular decomposition of complex interactions using games networks. , 2006, , .		0
22	Rewriting Game Theory as a Foundation for State-Based Models of Gene Regulation. <i>Lecture Notes in Computer Science</i> , 2006, , 257-270.	1.3	3
23	Elementary Modules in Games Networks. <i>Lecture Notes in Computer Science</i> , 2006, , 1056-1062.	1.3	1
24	Toward an automatic parallelization of sparse matrix computations. <i>Journal of Parallel and Distributed Computing</i> , 2005, 65, 313-330.	4.1	0
25	Declarative simulation of dynamical systems: the 8 programming language and its application to the simulation of genetic networks. <i>BioSystems</i> , 2003, 68, 155-170.	2.0	2
26	Hyperstructures, genome analysis and I-cells. <i>Acta Biotheoretica</i> , 2002, 50, 357-373.	1.5	16
27	Automatic Parallelization of Sparse Matrix Computations: A Static Analysis. <i>Lecture Notes in Computer Science</i> , 2000, , 340-348.	1.3	0
28	paradeis: An Object Library for Parallel Sparse Array Computation. <i>Lecture Notes in Computer Science</i> , 1999, , 153-162.	1.3	0
29	Compiling the Block-Cyclic Distribution. <i>Advances in Parallel Computing</i> , 1998, , 243-250.	0.3	0
30	Data layouts impacts on the compilation of the communications for a synchronous MSIMD machine. <i>Microprocessing and Microprogramming</i> , 1992, 35, 469-475.	0.2	2
31	An efficient routing strategy to support process migration. <i>Microprocessing and Microprogramming</i> , 1991, 32, 153-160.	0.2	0
32	GUBS, a Behavior-based Language for Open System Dedicated to Synthetic Biology. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 100, 29-47.	0.8	1