Jakob Lykke Andersen

List of Publications by Year
in descending order

19	259	1163117 8	996975 15
papers	citations	h-index	g-index

19	19	19	194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An open source computational workflow for the discovery of autocatalytic networks in abiotic reactions. Chemical Science, 2022, 13, 4838-4853.	7.4	8
2	Graph transformation for enzymatic mechanisms. Bioinformatics, 2021, 37, i392-i400.	4.1	5
3	Rewriting theory for the life sciences: A unifying theory of CTMC semantics. Theoretical Computer Science, 2021, 884, 68-115.	0.9	5
4	Combining Graph Transformations and Semigroups for Isotopic Labeling Design. Journal of Computational Biology, 2020, 27, 269-287.	1.6	2
5	A Generic Framework for Engineering Graph Canonization Algorithms. Journal of Experimental Algorithmics, 2020, 25, 1-26.	1.0	1
6	Computational Simulations for Cyclizations Catalyzed by Plant Monoterpene Synthases. Lecture Notes in Computer Science, 2020, , 247-258.	1.3	0
7	Graph Transformations, Semigroups, and Isotopic Labeling. Lecture Notes in Computer Science, 2019, , 196-207.	1.3	1
8	Exploring Plant Sesquiterpene Diversity by Generating Chemical Networks. Processes, 2019, 7, 240.	2.8	4
9	Chemical Transformation Motifsâ€"Modelling Pathways as Integer Hyperflows. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 510-523.	3.0	31
10	A Generic Framework for Engineering Graph Canonization Algorithms. , 2018, , 139-153.		1
11	An intermediate level of abstraction for computational systems chemistry. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160354.	3.4	13
12	Chemical Graph Transformation with Stereo-Information. Lecture Notes in Computer Science, 2017, , 54-69.	1.3	7
13	A Software Package for Chemically Inspired Graph Transformation. Lecture Notes in Computer Science, 2016, , 73-88.	1.3	31
14	In silico Support for Eschenmoserâ€™s Glyoxylate Scenario. Israel Journal of Chemistry, 2015, 55, 919-933.	2.3	10
15	Generic strategies for chemical space exploration. International Journal of Computational Biology and Drug Design, 2014, 7, 225.	0.3	26
16	50 Shades of Rule Composition. Lecture Notes in Computer Science, 2014, , 117-135.	1.3	9
17	Inferring chemical reaction patterns using rule composition in graph grammars. Journal of Systems Chemistry, 2013, 4, .	1.7	28
18	Navigating the Chemical Space of HCN Polymerization and Hydrolysis: Guiding Graph Grammars by Mass Spectrometry Data. Entropy, 2013, 15, 4066-4083.	2.2	38

#	Article	IF	Citations
19	Maximizing output and recognizing autocatalysis in chemical reaction networks is NP-complete. Journal of Systems Chemistry, 2012, 3, .	1.7	39