

# LuÃ-s Cruz-Filipe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6160120/publications.pdf>

Version: 2024-02-01

46  
papers

392  
citations

933264

10  
h-index

940416

16  
g-index

49  
all docs

49  
docs citations

49  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Certified RAT Verification. Lecture Notes in Computer Science, 2017, , 220-236.	1.0	41
2	C-CoRN, the Constructive Coq Repository at Nijmegen. Lecture Notes in Computer Science, 2004, , 88-103.	1.0	38
3	Twenty-Five Comparators Is Optimal When Sorting Nine Inputs (and Twenty-Nine for Ten). , 2014, , .		25
4	Efficient Certified Resolution Proof Checking. Lecture Notes in Computer Science, 2017, , 118-135.	1.0	20
5	Sorting networks: To the end and back again. Journal of Computer and System Sciences, 2019, 104, 184-201.	0.9	14
6	Program Extraction from Large Proof Developments. Lecture Notes in Computer Science, 2003, , 205-220.	1.0	13
7	Sorting nine inputs requires twenty-five comparisons. Journal of Computer and System Sciences, 2016, 82, 551-563.	0.9	13
8	A core model for choreographic programming. Theoretical Computer Science, 2020, 802, 38-66.	0.5	13
9	Procedural Choreographic Programming. Lecture Notes in Computer Science, 2017, , 92-107.	1.0	13
10	A Large-Scale Experiment in Executing Extracted Programs. Electronic Notes in Theoretical Computer Science, 2006, 151, 75-91.	0.9	12
11	Fixpoint semantics for active integrity constraints. Artificial Intelligence, 2018, 255, 43-70.	3.9	12
12	Certifying Choreography Compilation. Lecture Notes in Computer Science, 2021, , 115-133.	1.0	12
13	Choreographies in Practice. Lecture Notes in Computer Science, 2016, , 114-123.	1.0	12
14	The Quest for Optimal Sorting Networks: Efficient Generation of Two-Layer Prefixes. , 2014, , .		11
15	Formally Verifying the Solution to the Boolean Pythagorean Triples Problem. Journal of Automated Reasoning, 2019, 63, 695-722.	1.1	11
16	The Paths to Choreography Extraction. Lecture Notes in Computer Science, 2017, , 424-440.	1.0	11
17	Optimal-depth sorting networks. Journal of Computer and System Sciences, 2017, 84, 185-204.	0.9	9
18	Sorting Networks: The End Game. Lecture Notes in Computer Science, 2015, , 664-675.	1.0	8

#	ARTICLE	IF	CITATIONS
19	Computing Repairs from Active Integrity Constraints. , 2013, , .		7
20	The stream-based service-centred calculus: a foundation for service-oriented programming. Formal Aspects of Computing, 2014, 26, 865-918.	1.4	7
21	A Core Model for Choreographic Programming. Lecture Notes in Computer Science, 2017, , 17-35.	1.0	7
22	Communications in choreographies, revisited. , 2018, , .		5
23	Behavioural Theory at Work: Program Transformations in a Service-Centred Calculus. Lecture Notes in Computer Science, 2008, , 59-77.	1.0	5
24	Complete Axiomatization of Discrete-Measure Almost-Everywhere Quantification. Journal of Logic and Computation, 2008, 18, 885-911.	0.5	4
25	repAlrC: A Tool for Ensuring Data Consistency - By Means of Active Integrity Constraints. , 2015, , .		4
26	Multiparty Classical Choreographies. Lecture Notes in Computer Science, 2019, , 59-76.	1.0	4
27	Formally Proving Size Optimality of Sorting Networks. Journal of Automated Reasoning, 2017, 59, 425-454.	1.1	3
28	Optimizing sorting algorithms by using sorting networks. Formal Aspects of Computing, 2017, 29, 559-579.	1.4	3
29	Optimizing a Certified Proof Checker for a Large-Scale Computer-Generated Proof. Lecture Notes in Computer Science, 2015, , 55-70.	1.0	3
30	Formalizing Size-Optimal Sorting Networks: Extracting a Certified Proof Checker. Lecture Notes in Computer Science, 2015, , 154-169.	1.0	3
31	Applying Sorting Networks to Synthesize Optimized Sorting Libraries. Lecture Notes in Computer Science, 2015, , 127-142.	1.0	3
32	Integrity Constraints for General-Purpose Knowledge Bases. Lecture Notes in Computer Science, 2016, , 235-254.	1.0	3
33	Semantics for Active Integrity Constraints Using Approximation Fixpoint Theory. , 2017, , .		3
34	Description Logics, Rules and Multi-context Systems. Lecture Notes in Computer Science, 2013, , 243-257.	1.0	3
35	Encoding asynchrony in choreographies. , 2017, , .		3
36	Hypothetical Answers to Continuous Queries over Data Streams. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 2798-2805.	3.6	3

#	ARTICLE	IF	CITATIONS
37	Active integrity constraints for general-purpose knowledge bases. <i>Annals of Mathematics and Artificial Intelligence</i> , 2018, 83, 213-246.	0.9	2
38	Stratification in Approximation Fixpoint Theory and Its Application to Active Integrity Constraints. <i>ACM Transactions on Computational Logic</i> , 2021, 22, 1-19.	0.7	2
39	Information Flow within Relational Multi-context Systems. <i>Lecture Notes in Computer Science</i> , 2014, , 97-108.	1.0	2
40	Hierarchical Reflection. <i>Lecture Notes in Computer Science</i> , 2004, , 66-81.	1.0	2
41	On Asynchrony and Choreographies. <i>Electronic Proceedings in Theoretical Computer Science, EPTCS</i> , 0, 261, 76-90.	0.8	2
42	The Finitistic Consistency of Heckâ€™s Predicative Fregean System. <i>Notre Dame Journal of Formal Logic</i> , 2015, 56, .	0.2	1
43	Active Integrity Constraints for Multi-context Systems. <i>Lecture Notes in Computer Science</i> , 2016, , 98-112.	1.0	1
44	From description-logic programs to multi-context systems. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2017, 88, 26-44.	0.4	0
45	Active Integrity Constraints: From Theory to Implementation. <i>Communications in Computer and Information Science</i> , 2016, , 399-420.	0.4	0
46	How to Get More Out of Your Oracles. <i>Lecture Notes in Computer Science</i> , 2017, , 164-170.	1.0	0