

# Guy Katz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6094671/publications.pdf>

Version: 2024-02-01

11  
papers

1,140  
citations

1306789

7  
h-index

1588620

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reluplex: An Efficient SMT Solver for Verifying Deep Neural Networks. Lecture Notes in Computer Science, 2017, , 97-117.	1.0	639
2	The Marabou Framework for Verification and Analysis of Deep Neural Networks. Lecture Notes in Computer Science, 2019, , 443-452.	1.0	213
3	An Abstraction-Based Framework for Neural Network Verification. Lecture Notes in Computer Science, 2020, , 43-65.	1.0	61
4	DeepSafe: A Data-Driven Approach for Assessing Robustness of Neural Networks. Lecture Notes in Computer Science, 2018, , 3-19.	1.0	56
5	Towards Proving the Adversarial Robustness of Deep Neural Networks. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 257, 19-26.	0.8	55
6	Verifying Deep-RL-Driven Systems. , 2019, , .		38
7	Verifying Recurrent Neural Networks Using Invariant Inference. Lecture Notes in Computer Science, 2020, , 57-74.	1.0	25
8	Reluplex: a calculus for reasoning about deep neural networks. Formal Methods in System Design, 2022, 60, 87-116.	0.9	19
9	Simplifying Neural Networks Using Formal Verification. Lecture Notes in Computer Science, 2020, , 85-93.	1.0	16
10	Lazy proofs for DPLL(T)-based SMT solvers. , 2016, , .		14
11	First Steps Towards a Wise Development Environment for Behavioral Models. International Journal of Information System Modeling and Design, 2016, 7, 1-22.	0.9	4