

# Mauricio Toro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5879860/publications.pdf>

Version: 2024-02-01

21  
papers

254  
citations

1478505

6  
h-index

996975

15  
g-index

42  
all docs

42  
docs citations

42  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic literature review on the use of machine learning in precision livestock farming. <i>Computers and Electronics in Agriculture</i> , 2020, 179, 105826.	7.7	103
2	A Method for Detecting Coffee Leaf Rust through Wireless Sensor Networks, Remote Sensing, and Deep Learning: Case Study of the Caturra Variety in Colombia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 697.	2.5	35
3	Dengue models based on machine learning techniques: A systematic literature review. <i>Artificial Intelligence in Medicine</i> , 2021, 119, 102157.	6.5	31
4	Robust Three-Step Regression Based on Comedian and Its Performance in Cell-Wise and Case-Wise Outliers. <i>Mathematics</i> , 2020, 8, 1259.	2.2	17
5	Formal semantics for interactive music scores: a framework to design, specify properties and execute interactive scenarios. <i>Journal of Mathematics and Music</i> , 2014, 8, 93-112.	0.4	8
6	A Hybrid Machine-Learning Ensemble for Anomaly Detection in Real-Time Industry 4.0 Systems. <i>IEEE Access</i> , 2022, 10, 72024-72036.	4.2	8
7	A sustainable-development approach for self-adaptive cyber-physical system's life cycle: A systematic mapping study. <i>Journal of Systems and Software</i> , 2021, 180, 111010.	4.5	7
8	Simulation and Verification in a Process Calculus for Spatially-Explicit Ecological Models. <i>Scientific Annals of Computer Science</i> , 2013, 23, 119-167.	0.1	7
9	SimulES-W: A Collaborative Game to Improve Software Engineering Teaching. <i>Computacion Y Sistemas</i> , 2018, 22, .	0.3	6
10	Process Ordering in a Process Calculus for Spatially-Explicit Ecological Models. <i>Lecture Notes in Computer Science</i> , 2014, , 345-361.	1.3	5
11	Modeling the Risk of Infectious Diseases Transmitted by <i>Aedes aegypti</i> Using Survival and Aging Statistical Analysis with a Case Study in Colombia. <i>Mathematics</i> , 2021, 9, 1488.	2.2	4
12	Detección de infracciones y matrículas en motocicletas, mediante visión artificial, aplicado a Sistemas Inteligentes de Transporte. <i>RISTI - Revista Iberica De Sistemas E Tecnologias De Informacao</i> , 2020, , 1-15.	0.2	4
13	Synchronous Parallel Composition in a Process Calculus for Ecological Models. <i>Lecture Notes in Computer Science</i> , 2014, , 424-441.	1.3	4
14	Weight-Identification Model of Cattle Using Machine-Learning Techniques for Anomaly Detection. , 2021, , .		4
15	An Overview of FORCES: An INRIA Project on Declarative Formalisms for Emergent Systems. <i>Lecture Notes in Computer Science</i> , 2009, , 509-513.	1.3	2
16	Mean-Field Semantics for a Process Calculus for Spatially-Explicit Ecological Models. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 204, 79-94.	0.8	2
17	Key Aspects for IT-Services Integration in Urban Transit Service of Medium-Sized Cities: A Qualitative Exploratory Study in Colombia. <i>Sustainability</i> , 2022, 14, 2478.	3.2	2
18	A Cyber-Physical Data Collection System Integrating Remote Sensing and Wireless Sensor Networks for Coffee Leaf Rust Diagnosis. <i>Sensors</i> , 2021, 21, 5474.	3.8	1

#	ARTICLE	IF	CITATIONS
19	Probabilistic Extension to the Concurrent Constraint Factor Oracle Model for Music Improvisation. <i>Inteligencia Artificial</i> , 2015, 18, 37-43.	0.8	1
20	A general overview of formal languages for individual-based modelling of ecosystems. <i>Journal of Logical and Algebraic Methods in Programming</i> , 2019, 104, 117-126.	0.5	0
21	Functional Requirements for Management and Control of Public Transportation Vehicles, Applied to Sustainable Mobility in Medium-Sized Cities. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 673-683.	0.6	0