

Gabriel Aguilera-Venegas

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

321
citations

933447

10
h-index

888059

17
g-index

29
all docs

29
docs citations

29
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of diabetes mellitus in Spain as results of the nation-wide cohort di@bet.es study. Scientific Reports, 2020, 10, 2765.	3.3	71
2	An accelerated-time simulation for traffic flow in a smart city. Journal of Computational and Applied Mathematics, 2014, 270, 557-563.	2.0	31
3	Performance of MIMO MRC Systems with Co-Channel Interference. , 2006, , .		25
4	A new Probabilistic Extension of Dijkstra's Algorithm to simulate more realistic traffic flow in a smart city. Applied Mathematics and Computation, 2015, 267, 780-789.	2.2	23
5	Automated generation of contrapuntal musical compositions using probabilistic logic in Derive. Mathematics and Computers in Simulation, 2010, 80, 1200-1211.	4.4	19
6	Ambient temperature and prevalence of diabetes and insulin resistance in the Spanish population: Di@bet.es study. European Journal of Endocrinology, 2019, 180, 273-280.	3.7	18
7	Reductions for non-clausal theorem proving. Theoretical Computer Science, 2001, 266, 81-112.	0.9	17
8	Performance comparison of MRC and IC under transmit diversity. IEEE Transactions on Wireless Communications, 2009, 8, 2484-2493.	9.2	17
9	Increasing the efficiency of automated theorem proving. Journal of Applied Non-Classical Logics, 1995, 5, 9-29.	0.5	12
10	An accelerated-time simulation of car traffic on a motorway using a CAS. Mathematics and Computers in Simulation, 2014, 104, 21-30.	4.4	12
11	An accelerated-time simulation of baggage traffic in an airport terminal. Mathematics and Computers in Simulation, 2014, 104, 58-66.	4.4	11
12	Improving CAS capabilities: New rules for computing improper integrals. Applied Mathematics and Computation, 2018, 316, 525-540.	2.2	11
13	A portable knowledge-based system for car breakdown evaluation. Applied Mathematics and Computation, 2015, 267, 758-770.	2.2	10
14	Association between long term exposure to particulate matter and incident hypertension in Spain. Scientific Reports, 2021, 11, 19702.	3.3	10
15	A prototype of a RBES for personalized menus generation. Applied Mathematics and Computation, 2017, 315, 615-624.	2.2	6
16	A probabilistic extension to Conway's Game of Life. Advances in Computational Mathematics, 2019, 45, 2111-2121.	1.6	5
17	Fatty liver index as a predictor for type 2 diabetes in subjects with normoglycemia in a nationwide cohort study. Scientific Reports, 2021, 11, 16453.	3.3	5
18	SFOPDES: A Stepwise First Order Partial Differential Equations Solver with a Computer Algebra System. Computers and Mathematics With Applications, 2019, 78, 3152-3164.	2.7	4

#	ARTICLE	IF	CITATIONS
19	A New Neural Model for Traffic Simulation. Lecture Notes in Computer Science, 2010, , 471-476.	1.3	3
20	A Geo[G/1] retrial queueing system with removal work and total renewal discipline. Applied Mathematics and Computation, 2018, 319, 245-253.	2.2	2
21	Enhancing Cas improper integrals computations using extensions of the residue theorem. Advances in Computational Mathematics, 2019, 45, 1825-1841.	1.6	2
22	TAS-D++: Syntactic trees transformations for Automated Theorem Proving. Lecture Notes in Computer Science, 1994, , 198-216.	1.3	1
23	A logic with imprecise probabilities and an application to automated reasoning using rewriting techniques. Fuzzy Sets and Systems, 2013, 218, 53-72.	2.7	1
24	An arriving decision problem in a discrete-time queueing system. Advances in Computational Mathematics, 2019, 45, 1863-1879.	1.6	1
25	A prototype of a functional approach to personalized menus generation using set operations. Advances in Computational Mathematics, 2019, 45, 1881-1895.	1.6	1
26	SMIS: A Stepwise Multiple Integration Solver Using a CAS. Mathematics, 2021, 9, 2866.	2.2	1