

Gustavo Rg Rodriguez-Gomez

List of Publications by Year in descending order

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36
papers

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citations

1163117

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839539

18
g-index

40
all docs

40
docs citations

40
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Trigonometric polynomials methods to simulate oscillating chaotic systems. AIP Conference Proceedings, 2022, , .	0.4	2
2	Methodology for Designing an Electricity Demand System in the Context of IoT Household. Applied Sciences (Switzerland), 2022, 12, 3387.	2.5	0
3	Ground effect on rotorcraft unmanned aerial vehicles: a review. Intelligent Service Robotics, 2021, 14, 99-118.	2.6	36
4	Optimizaci3n del consumo el3ctrico mediante la heur3stica c3mulo de part3culas. Revista Colombiana De Computacion, 2021, 22, 14-21.	0.5	0
5	Software system design based on patterns for Newton-type methods. Computing (Vienna/New York), 2020, 102, 1005-1030.	4.8	0
6	Interpolated functional manifold for functional near-infrared spectroscopy analysis at group level. Neurophotonics, 2020, 7, 045009.	3.3	2
7	Aerodynamic Disturbance Rejection Acting on a Quadcopter Near Ground. , 2019, , .		3
8	Optimizing the Kaplan3Yorke Dimension of Chaotic Oscillators Applying DE and PSO. Technologies, 2019, 7, 38.	5.1	13
9	Sensor Fault Mitigation for MAVs under Ground Effect*. , 2019, , .		1
10	A Monocular SLAM-based Controller for Multirotors with Sensor Faults under Ground Effect. Sensors, 2019, 19, 4948.	3.8	4
11	Design of Home Energy Management System Using IoT Data Flow. Communications in Computer and Information Science, 2019, , 165-176.	0.5	0
12	Numerical optimization techniques for nonlinear quadrotor control. , 2017, , .		1
13	Generating a 50-scroll chaotic attractor at 66MHz by using FPGAs. Nonlinear Dynamics, 2016, 85, 2143-2157.	5.2	89
14	Fluvial Transport Model from Spatial Distribution Analysis of Libyan Desert Glass Mass on the Great Sand Sea (Southwest Egypt): Clues to Primary Glass Distribution. Geosciences (Switzerland), 2015, 5, 95-116.	2.2	10
15	Extending a spherical robot for dealing with irregular surfaces: a sea urchin-like robot. Advanced Robotics, 2014, 28, 1475-1485.	1.8	6
16	Enhanced Locomotion of a Spherical Robot Based on the Sea-urchin Characteristics. Lecture Notes in Computer Science, 2014, , 238-248.	1.3	2
17	Dimension Reduction Parameters for Leukemia Diagnostic based in Subspace Arrangement Segmentation. Applied Mathematics and Information Sciences, 2014, 8, 2789-2794.	0.5	0
18	A survey on the integrated design of chaotic oscillators. Applied Mathematics and Computation, 2013, 219, 5113-5122.	2.2	78

#	ARTICLE	IF	CITATIONS
19	An Efficient Two-Tier Causal Protocol for Mobile Distributed Systems. PLoS ONE, 2013, 8, e59904.	2.5	0
20	Demonstration of Multitarget Flocking for Constrained Environments. Advances in Intelligent and Soft Computing, 2012, , 287-290.	0.2	0
21	Multitarget Flocking for Constrained Environments. Advances in Intelligent and Soft Computing, 2012, , 181-190.	0.2	0
22	Design patterns in multi-agent system simulation. , 2011, , .		0
23	Pattern object-oriented architecture for Multirate Integration Methods. , 2011, , .		3
24	Self-organization of agents for collective movement based on particle swarm optimization: A qualitative analysis. , 2011, , .		1
25	On Model-Driven Engineering of Reconfigurable Digital Control Hardware Systems. , 2011, , 190-208.		0
26	Radial Basis Function for Visual Image Retrieval. , 2010, , .		0
27	Applications of Evolutionary Algorithms in the Design Automation of Analog Integrated Circuits. Journal of Applied Sciences, 2010, 10, 1859-1872.	0.3	46
28	A UML 2.0 Profile to Model Block Cipher Algorithms. Lecture Notes in Computer Science, 2010, , 20-31.	1.3	0
29	Node adaptive domain decomposition method by radial basis functions. Numerical Methods for Partial Differential Equations, 2009, 25, 1482-1501.	3.6	13
30	An intermedia synchronisation mechanism for multimedia distributed systems. International Journal of Internet Protocol Technology, 2009, 4, 207.	0.2	4
31	An Efficient $\hat{\Gamma}$ -Causal Algorithm for Real-Time Distributed Systems. Journal of Applied Sciences, 2009, 9, 1711-1718.	0.3	4
32	Fuzzy Causal Ordering of Events in Distributed Systems. Journal of Applied Sciences, 2009, 9, 1441-1449.	0.3	1
33	Exponential Convergence of Multiquadric Collocation Method: a Numerical Study. IngenierÃa InvestigaciÃn Y TecnologÃa, 2009, 10, 197-206.	0.1	0
34	Adaptive Node Refinement Collocation Method for Partial Differential Equations. , 2006, , .		4
35	Computing general companion matrices and stability regions of multirate methods. International Journal for Numerical Methods in Engineering, 2004, 61, 255-273.	2.8	6
36	Computing Polynomial Segmentation through Radial Surface Representation. Polibits, 0, 49, 77-81.	0.0	0