

Carlos Andr s Tavera Romero

List of Publications by Year in descending order

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23
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docs citations

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216
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning for Modeling and Control of Industrial Clarifier Process. Intelligent Automation and Soft Computing, 2022, 32, 339-359.	2.1	44
2	Investigation of AlGaIn Channel HEMTs on $\text{In}^{1-2}\text{Ga}_2\text{O}_3$ Substrate for High-Power Electronics. Electronics (Switzerland), 2022, 11, 225.	3.1	16
3	Study of Rolling Motion of Ships in Random Beam Seas with Nonlinear Restoring Moment and Damping Effects Using Neuroevolutionary Technique. Materials, 2022, 15, 674.	2.9	13
4	Application of Intelligent Paradigm through Neural Networks for Numerical Solution of Multiorde Fractional Differential Equations. Computational Intelligence and Neuroscience, 2022, 2022, 1-16.	1.7	35
5	Mitigating Hotspot Issues in Heterogeneous Wireless Sensor Networks. Journal of Sensors, 2022, 2022, 1-14.	1.1	46
6	A Quantitative Study of Non-Linear Convective Heat Transfer Model by Novel Hybrid Heuristic Driven Neural Soft Computing. IEEE Access, 2022, 10, 34133-34153.	4.2	3
7	Analysis of Nanofluid Particles in a Duct with Thermal Radiation by Using an Efficient Metaheuristic-Driven Approach. Nanomaterials, 2022, 12, 637.	4.1	8
8	Quantitative Features Analysis of Water Carrying Nanoparticles of Alumina over a Uniform Surface. Nanomaterials, 2022, 12, 878.	4.1	4
9	Synergy between Circular Economy and Industry 4.0: A Literature Review. Sustainability, 2021, 13, 4331.	3.2	64
10	Software Architecture for Planning Educational Scenarios by Applying an Agile Methodology. International Journal of Emerging Technologies in Learning, 2021, 16, 132.	1.3	29
11	Society 5.0: A Japanese Concept for a Superintelligent Society. Sustainability, 2021, 13, 6567.	3.2	98
12	VLSI Implementation of a High-Performance Nonlinear Image Scaling Algorithm. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.9	63
13	Application of Euler Neural Networks with Soft Computing Paradigm to Solve Nonlinear Problems Arising in Heat Transfer. Entropy, 2021, 23, 1053.	2.2	51
14	Business Intelligence: Business Evolution after Industry 4.0. Sustainability, 2021, 13, 10026.	3.2	60
15	Theoretical Analysis on Absorption of Carbon Dioxide (CO_2) into Solutions of Phenyl Glycidyl Ether (PGE) Using Nonlinear Autoregressive Exogenous Neural Networks. Molecules, 2021, 26, 6041.	3.8	19
16	Falkner's Skin Flow with Stream-Wise Pressure Gradient and Transfer of Mass over a Dynamic Wall. Entropy, 2021, 23, 1448.	2.2	9
17	A Hybrid Metaheuristic Based on Neurocomputing for Analysis of Unipolar Electrohydrodynamic Pump Flow. Entropy, 2021, 23, 1513.	2.2	8
18	Remote Academic Platforms in Times of a Pandemic. International Journal of Emerging Technologies in Learning, 2021, 16, 121.	1.3	48

#	ARTICLE	IF	CITATIONS
19	Numerical Analysis of Electrohydrodynamic Flow in a Circular Cylindrical Conduit by Using Neuro Evolutionary Technique. Energies, 2021, 14, 7774.	3.1	11
20	Mathematical Analysis of Reaction–Diffusion Equations Modeling the Michaelis–Menten Kinetics in a Micro-Disk Biosensor. Molecules, 2021, 26, 7310.	3.8	10
21	Study of Nonlinear Models of Oscillatory Systems by Applying an Intelligent Computational Technique. Entropy, 2021, 23, 1685.	2.2	6
22	An Optimistic Solver for the Mathematical Model of the Flow of Johnson Segalman Fluid on the Surface of an Infinitely Long Vertical Cylinder. Materials, 2021, 14, 7798.	2.9	12
23	Experiencia de colaboraci3n entre Comunicaci3n Social e Ingenier3a Inform3tica para la realizaci3n de videos educativos. Anagramas Rumbos Y Sentidos De La Comunicaci3n, 2019, 18, 143-157.	0.2	0