

Carlos Andr s Tavera Romero

List of Publications by Year in descending order

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23
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657
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232
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning for Modeling and Control of Industrial Clarifier Process. <i>Intelligent Automation and Soft Computing</i> , 2022, 32, 339-359.	1.6	44
2	Investigation of AlGaIn Channel HEMTs on $\hat{\Gamma}^2$ -Ga ₂ O ₃ Substrate for High-Power Electronics. <i>Electronics (Switzerland)</i> , 2022, 11, 225.	1.8	16
3	Study of Rolling Motion of Ships in Random Beam Seas with Nonlinear Restoring Moment and Damping Effects Using Neuroevolutionary Technique. <i>Materials</i> , 2022, 15, 674.	1.3	13
4	Application of Intelligent Paradigm through Neural Networks for Numerical Solution of Multiorder Fractional Differential Equations. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-16.	1.1	35
5	Mitigating Hotspot Issues in Heterogeneous Wireless Sensor Networks. <i>Journal of Sensors</i> , 2022, 2022, 1-14.	0.6	46
6	A Quantitative Study of Non-Linear Convective Heat Transfer Model by Novel Hybrid Heuristic Driven Neural Soft Computing. <i>IEEE Access</i> , 2022, 10, 34133-34153.	2.6	3
7	Analysis of Nanofluid Particles in a Duct with Thermal Radiation by Using an Efficient Metaheuristic-Driven Approach. <i>Nanomaterials</i> , 2022, 12, 637.	1.9	8
8	Quantitative Features Analysis of Water Carrying Nanoparticles of Alumina over a Uniform Surface. <i>Nanomaterials</i> , 2022, 12, 878.	1.9	4
9	Synergy between Circular Economy and Industry 4.0: A Literature Review. <i>Sustainability</i> , 2021, 13, 4331.	1.6	64
10	Software Architecture for Planning Educational Scenarios by Applying an Agile Methodology. <i>International Journal of Emerging Technologies in Learning</i> , 2021, 16, 132.	0.8	29
11	Society 5.0: A Japanese Concept for a Superintelligent Society. <i>Sustainability</i> , 2021, 13, 6567.	1.6	98
12	VLSI Implementation of a High-Performance Nonlinear Image Scaling Algorithm. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-10.	1.1	63
13	Application of Euler Neural Networks with Soft Computing Paradigm to Solve Nonlinear Problems Arising in Heat Transfer. <i>Entropy</i> , 2021, 23, 1053.	1.1	51
14	Business Intelligence: Business Evolution after Industry 4.0. <i>Sustainability</i> , 2021, 13, 10026.	1.6	60
15	Theoretical Analysis on Absorption of Carbon Dioxide (CO ₂) into Solutions of Phenyl Glycidyl Ether (PGE) Using Nonlinear Autoregressive Exogenous Neural Networks. <i>Molecules</i> , 2021, 26, 6041.	1.7	19
16	Falkner's Skin Flow with Stream-Wise Pressure Gradient and Transfer of Mass over a Dynamic Wall. <i>Entropy</i> , 2021, 23, 1448.	1.1	9
17	A Hybrid Metaheuristic Based on Neurocomputing for Analysis of Unipolar Electrohydrodynamic Pump Flow. <i>Entropy</i> , 2021, 23, 1513.	1.1	8
18	Remote Academic Platforms in Times of a Pandemic. <i>International Journal of Emerging Technologies in Learning</i> , 2021, 16, 121.	0.8	48

#	ARTICLE	IF	CITATIONS
19	Numerical Analysis of Electrohydrodynamic Flow in a Circular Cylindrical Conduit by Using Neuro Evolutionary Technique. <i>Energies</i> , 2021, 14, 7774.	1.6	11
20	Mathematical Analysis of Reaction–Diffusion Equations Modeling the Michaelis–Menten Kinetics in a Micro-Disk Biosensor. <i>Molecules</i> , 2021, 26, 7310.	1.7	10
21	Study of Nonlinear Models of Oscillatory Systems by Applying an Intelligent Computational Technique. <i>Entropy</i> , 2021, 23, 1685.	1.1	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. <i>Materials</i> , 2021, 14, 7798.	1.3	12
23	Experiencia de colaboraci3n entre Comunicaci3n Social e Ingenier3a Inform3tica para la realizaci3n de videos educativos. <i>Anagramas Rumbos Y Sentidos De La Comunicaci3n</i> , 2019, 18, 143-157.	0.1	0