Mario Gonzalez

List of Publications by Year
in descending order

		687220	713332
56 papers	574 citations	13 h-index	21 g-index
59 all docs	59 docs citations	59 times ranked	434 citing authors

#	Article	IF	Citations
1	Modeling $PM_{2.5}$ Urban Pollution Using Machine Learning and Selected Meteorological Parameters. Journal of Electrical and Computer Engineering, 2017, 2017, 1-14.	0.6	97
2	Text Mining of Open-Ended Questions in Self-Assessment of University Teachers: An LDA Topic Modeling Approach. IEEE Access, 2020, 8, 35318-35330.	2.6	52
3	Electric Vehicles for Public Transportation in Power Systems: A Review of Methodologies. Energies, 2019, 12, 3114.	1.6	40
4	Combined Method for Evaluating Accessibility in Serious Games. Applied Sciences (Switzerland), 2020, 10, 6324.	1.3	22
5	Implementation and Assessment of an Intelligent Motor Tele-Rehabilitation Platform. Electronics (Switzerland), 2019, 8, 58.	1.8	21
6	CompScore: Boosting Structure-Based Virtual Screening Performance by Incorporating Docking Scoring Function Components into Consensus Scoring. Journal of Chemical Information and Modeling, 2019, 59, 3655-3666.	2.5	20
7	ePHoRt Project: A Web-Based Platform for Home Motor Rehabilitation. Advances in Intelligent Systems and Computing, 2017, , 609-618.	0.5	19
8	Modeling sustainability report scoring sequences using an attractor network. Neurocomputing, 2015, 168, 1181-1187.	3.5	18
9	Structured information in small-world neural networks. Physical Review E, 2009, 79, 021909.	0.8	17
10	Usability Study of a Web-Based Platform for Home Motor Rehabilitation. IEEE Access, 2019, 7, 7932-7947.	2.6	15
11	Optimal siting and sizing of electric taxi charging stations considering transportation and power system requirements. Energy, 2022, 256, 124572.	4.5	15
12	RETRIEVAL OF NOISY FINGERPRINT PATTERNS USING METRIC ATTRACTOR NETWORKS. International Journal of Neural Systems, 2014, 24, 1450025.	3.2	14
13	Mapping global sustainability report scoring: a detailed analysis of Europe and Asia. Quality and Quantity, 2018, 52, 1041-1055.	2.0	14
14	Learning sequences of sparse correlated patterns using small-world attractor neural networks: An application to traffic videos. Neurocomputing, 2011, 74, 2361-2367.	3.5	12
15	Increase attractor capacity using an ensembled neural network. Expert Systems With Applications, 2017, 71, 206-215.	4.4	11
16	Recognition of Physiotherapeutic Exercises Through DTW and Low-Cost Vision-Based Motion Capture. Advances in Intelligent Systems and Computing, 2018, , 348-360.	0.5	11
17	Panama Papers' offshoring network behavior. Heliyon, 2020, 6, e04293.	1.4	11
18	Forecasting Amazon Rain-Forest Deforestation Using a Hybrid Machine Learning Model. Sustainability, 2022, 14, 691.	1.6	11

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19	A charging station planning model considering electric bus aggregators. Sustainable Energy, Grids and Networks, 2022, 30, 100638.	2.3	11
20	Dataset for evaluating the accessibility of the websites of selected Latin American universities. Data in Brief, 2020, 28, 105013.	0.5	10
21	Assessment of metals in PM10 filters and Araucaria heterophylla needles in two areas of Quito, Ecuador. Heliyon, 2021, 7, e05966.	1.4	10
22	Structured information in sparse-code metric neural networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 799-808.	1.2	9
23	Random field Ising model in a random graph. Physica A: Statistical Mechanics and Its Applications, 2015, 422, 58-65.	1.2	9
24	Towards Web Accessibility in Telerehabilitation Platforms. , 2018, , .		9
25	New Sensing Technologies for Grain Moisture. Agriculture (Switzerland), 2022, 12, 386.	1.4	9
26	Block attractor in spatially organized neural networks. Neurocomputing, 2009, 72, 3795-3801.	3.5	8
27	Structured patterns retrieval using a metric attractor network: Application to fingerprint recognition. Physica A: Statistical Mechanics and Its Applications, 2016, 457, 424-436.	1.2	7
28	Urban Traffic Flow Mapping of an Andean Capital: Quito, Ecuador. IEEE Access, 2020, 8, 195459-195471.	2.6	5
29	A Heuristic Method for Evaluating Accessibility in Web-Based Serious Games for Users with Low Vision. Applied Sciences (Switzerland), 2020, 10, 8803.	1.3	5
30	Accessibility in Native Mobile Applications for Users with Disabilities: A Scoping Review. Applied Sciences (Switzerland), 2021, 11, 5707.	1.3	5
31	Ensemble of diluted attractor networks with optimized topology for fingerprint retrieval. Neurocomputing, 2021, 442, 269-280.	3.5	5
32	Capacity and Retrieval of a Modular Set of Diluted Attractor Networks with Respect to the Global Number of Neurons. Lecture Notes in Computer Science, 2017, , 497-506.	1.0	5
33	Mapping the Global Offshoring Network Through the Panama Papers. Advances in Intelligent Systems and Computing, 2018, , 407-416.	0.5	4
34	Designing an Accessible Website for Palliative Care Services. Communications in Computer and Information Science, 2020, , 371-383.	0.4	4
35	Modeling Sustainability Reporting with Ternary Attractor Neural Networks. Lecture Notes in Computer Science, 2018, , 259-267.	1.0	3
36	Toward Accessible Mobile Application Development for Users with Low Vision. Advances in Intelligent Systems and Computing, 2020, , 236-241.	0.5	3

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37	Ecuadorian peasantries amidst the agri-food globalization: Social differentiation and diverse livelihoods strategies in a cut flower exporting territory. Journal of Rural Studies, 2022, 93, 28-42.	2.1	3
38	Periodically Diluted BEGNN Model of Corruption Perception. Lecture Notes in Computer Science, 2018, , 289-298.	1.0	2
39	Ensemble of Attractor Networks for 2D Gesture Retrieval. Lecture Notes in Computer Science, 2019, , 488-499.	1.0	2
40	Fingerprint Retrieval Using a Specialized Ensemble of Attractor Networks. Lecture Notes in Computer Science, 2019, , 709-719.	1.0	2
41	User Experience Assessment of a Tele-Rehabilitation Platform: The Physiotherapist Perspective. Advances in Intelligent Systems and Computing, 2020, , 463-473.	0.5	2
42	Text Mining in Smart Cities to Identify Urban Events and Public Service Problems. Advances in Intelligent Systems and Computing, 2021, , 84-89.	0.5	2
43	Web Accessibility Analysis of a Tele-Rehabilitation Platform: The Physiotherapist Perspective. Advances in Intelligent Systems and Computing, 2020, , 215-221.	0.5	2
44	Accessibility Assessment of Mobile Meteorological Applications for Users with Low Vision. Advances in Intelligent Systems and Computing, 2020, , 199-205.	0.5	2
45	PAME: Physical Activity Monitoring for the Elderly. , 2018, , .		1
46	A Classification and Data Visualization Tool Applied to Human Migration Analysis. , 2019, , .		1
47	AirQ2: Quito Air Quality Monitoring and Visualization Tool. , 2019, , .		1
48	Evaluation of the Usability of a Mobile Application for Public Air Quality Information. Advances in Intelligent Systems and Computing, 2020, , 451-462.	0.5	1
49	Towards Industry Improvement in Manufacturing with DMAIC. Advances in Intelligent Systems and Computing, 2021, , 341-352.	0.5	1
50	Coordinated Siting and Sizing of Electric Taxi Charging Stations Considering Traffic and Power Systems Conditions. , 2021, , .		1
51	Challenges in Smart Healthcare for Physical Rehabilitation. Advances in Intelligent Systems and Computing, 2021, , 402-407.	0.5	1
52	The Portable Document Format: An Analysis of PDF Accessibility. Advances in Intelligent Systems and Computing, 2020, , 206-214.	0.5	1
53	What Is the Level of People's Acceptance for Electric Taxis and Buses? Exploring Citizens' Perceptions of Transportation Electrification to Pay Additional Fees. World Electric Vehicle Journal, 2022, 13, 3.	1.6	1
54	Soft-Computing Modeling and Prediction of Gender Equality. , 2019, , .		0

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55	Combined Method for Accessibility Evaluation in Tele-Rehabilitation Platforms for Low Vision Users. Advances in Intelligent Systems and Computing, 2021, , 632-638.	0.5	0
56	Evaluation of Open Source Mobile Phone Weather Applications. Advances in Intelligent Systems and Computing, 2020, , 192-198.	0.5	0