

Henrique Vicente

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

457
citations

840585

11
h-index

887953

17
g-index

110
all docs

110
docs citations

110
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural networks in diabetes control. , 2015, , .		45
2	Prediction of the quality of public water supply using artificial neural networks. Journal of Water Supply: Research and Technology - AQUA, 2012, 61, 446-459.	0.6	36
3	An artificial intelligence approach to Bacillus amyloliquefaciens CCMI 1051 cultures: Application to the production of anti-fungal compounds. Bioresource Technology, 2011, 102, 1496-1502.	4.8	31
4	A data mining approach to study the impact of the methodology followed in chemistry lab classes on the weight attributed by the students to the lab work on learning and motivation. Chemistry Education Research and Practice, 2016, 17, 156-171.	1.4	27
5	A Soft Computing Approach to Kidney Diseases Evaluation. Journal of Medical Systems, 2015, 39, 131.	2.2	25
6	A Deep-Big Data Approach to Health Care in the AI Age. Mobile Networks and Applications, 2018, 23, 1123-1128.	2.2	23
7	A case-based reasoning view of thrombophilia risk. Journal of Biomedical Informatics, 2016, 62, 265-275.	2.5	21
8	Modelling molecular and inorganic data of Amanita ponderosa mushrooms using artificial neural networks. Agroforestry Systems, 2013, 87, 295-302.	0.9	17
9	Entropy and Organizational Performance. Lecture Notes in Computer Science, 2019, , 206-217.	1.0	16
10	An Evaluative Model to Assess the Organizational Efficiency in Training Corporations. Lecture Notes in Computer Science, 2016, , 415-428.	1.0	13
11	Prediction of bioactive compound activity against wood contaminant fungi using artificial neural networks. Canadian Journal of Forest Research, 2013, 43, 985-992.	0.8	11
12	An Artificial Intelligence Approach to Thrombophilia Risk. International Journal of Reliable and Quality E-Healthcare, 2017, 6, 49-69.	1.0	11
13	Prediction of water quality parameters in a reservoir using artificial neural networks. International Journal of Design and Nature and Ecodynamics, 2012, 7, 309-318.	0.3	11
14	A Case Based Approach to Assess Waiting Time Prediction at an Intensive Care Unity. Advances in Intelligent Systems and Computing, 2016, , 29-39.	0.5	9
15	Analysis of Dyscalculia Evidences through Artificial Intelligence Systems. Software Networking, 2016, 2016, 53-78.	0.6	8
16	Employees balance and stability as key points in organizational performance. Logic Journal of the IGPL, 0, , .	1.3	8
17	Fully Informed Vulnerable Road Users. , 2019, , .		8
18	Water quality modeling using artificial intelligence-based tools. International Journal of Design and Nature and Ecodynamics, 2012, 7, 300-309.	0.3	7

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19	Abstract Computation in Schizophrenia Detection through Artificial Neural Network Based Systems. Scientific World Journal, The, 2015, 2015, 1-10.	0.8	6
20	Logic Programming and Artificial Neural Networks in Breast Cancer Detection. Lecture Notes in Computer Science, 2015, , 211-224.	1.0	6
21	Psychosocial Risks Assessment in Cryopreservation Laboratories. Safety and Health at Work, 2020, 11, 431-442.	0.3	6
22	A Deep Learning Approach to Case Based Reasoning to the Evaluation and Diagnosis of Cervical Carcinoma. Studies in Computational Intelligence, 2018, , 185-197.	0.7	5
23	A Multi-valued Logic Assessment of Organizational Performance via Workforce Social Networking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 63-77.	0.2	5
24	A data mining approach to improve multiple regression models of soil nitrate concentration predictions in Quercus rotundifolia montados (Portugal). Agroforestry Systems, 2012, 84, 89-100.	0.9	4
25	Gaming in Dyscalculia: A Review on disMAT. Advances in Intelligent Systems and Computing, 2017, , 232-241.	0.5	4
26	A Data Mining Approach to Improve Inorganic Characterization of Amanita ponderosa Mushrooms. International Journal of Analytical Chemistry, 2018, 2018, 1-18.	0.4	4
27	Evolutionary Computation on Road Safety. Lecture Notes in Computer Science, 2018, , 647-657.	1.0	4
28	An Assessment of Students' Satisfaction in Higher Education. Advances in Intelligent Systems and Computing, 2020, , 147-161.	0.5	4
29	Artificial Neural Networks in Diagnosis of Liver Diseases. Lecture Notes in Computer Science, 2015, , 71-80.	1.0	4
30	Draw on artificial neural networks to assess and predict water quality. IOP Conference Series: Earth and Environmental Science, 2020, 612, 012028.	0.2	4
31	Optimizing water treatment systems using artificial intelligence based tools. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	4
32	Assessing Employee Satisfaction in the Context of Covid-19 Pandemic. , 2020, 1, 23-43.		4
33	Assessing the Role of General Chemistry Learning in Higher Education. Procedia, Social and Behavioral Sciences, 2016, 228, 161-168.	0.5	3
34	A Soft Computing Approach to Quality Evaluation of General Chemistry Learning in Higher Education. Advances in Intelligent Systems and Computing, 2016, , 81-89.	0.5	3
35	An Integrated Soft Computing Approach to Hughes Syndrome Risk Assessment. Journal of Medical Systems, 2017, 41, 40.	2.2	3
36	Artificial Neural Networks in Acute Coronary Syndrome Screening. Lecture Notes in Computer Science, 2015, , 108-119.	1.0	3

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37	Evaluation of Nosocomial Infection Risk Using a Hybrid Approach. Advances in Bioinformatics and Biomedical Engineering Book Series, 2016, , 24-42.	0.2	3
38	Prediction of water quality parameters in a reservoir using artificial neural networks. International Journal of Design and Nature and Ecodynamics, 2012, 7, 310-319.	0.3	3
39	An Adverse Event Reporting and Learning System for Water Sector Based on an Extension of the Eindhoven Classification Model. Water Resources Management, 2015, 29, 4927-4943.	1.9	2
40	Antiphospholipid Syndrome Risk Evaluation. Advances in Intelligent Systems and Computing, 2016, , 157-167.	0.5	2
41	An assessment of environmental and toxicological risk to pesticide exposure based on a case-based approach to computing. IOP Conference Series: Earth and Environmental Science, 2017, 52, 012091.	0.2	2
42	A Case-Based Approach to Colorectal Cancer Detection. Lecture Notes in Electrical Engineering, 2017, , 433-442.	0.3	2
43	Planning, Managing and Monitoring Technological Security Infrastructures. Lecture Notes in Electrical Engineering, 2019, , 10-16.	0.3	2
44	Psychosocial risk management. Procedia Computer Science, 2020, 176, 743-752.	1.2	2
45	Lab Classes in Chemistry Learning an Artificial Intelligence View. Advances in Intelligent Systems and Computing, 2014, , 565-575.	0.5	2
46	Diagnosis of Alzheimer Disease Through an Artificial Neural Network Based System. Advances in Intelligent Systems and Computing, 2018, , 162-174.	0.5	2
47	Kidney Care – A Personal Assistant Assessment. Intelligent Systems Reference Library, 2018, , 37-54.	1.0	2
48	A Case Based Reasoning View of School Dropout Screening. Lecture Notes in Electrical Engineering, 2016, , 953-964.	0.3	2
49	Handling Default Data under a Case-based Reasoning Approach. , 2015, , .		2
50	Age Prediction through Pelvis X-Ray Images a Case Based Approach to Problem Solving. , 2016, , .		1
51	Screening a Case Base for Stroke Disease Detection. Lecture Notes in Computer Science, 2016, , 3-13.	1.0	1
52	A Case-Based Approach to Nosocomial Infection Detection. Lecture Notes in Computer Science, 2016, , 159-168.	1.0	1
53	Waiting Time Screening in Healthcare. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 124-131.	0.2	1
54	Towards Road Safety. Advances in Intelligent Systems and Computing, 2019, , 47-57.	0.5	1

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55	Adaptation and Anxiety Assessment in Undergraduate Nursing Students. Lecture Notes in Computer Science, 2020, , 112-123.	1.0	1
56	Quality of Learning under an All-Inclusive Approach. Advances in Intelligent Systems and Computing, 2015, , 41-50.	0.5	1
57	International Standard ISO 9001 â€œ A Soft Computing View. Lecture Notes in Business Information Processing, 2015, , 153-167.	0.8	1
58	A Case Base Approach to Cardiovascular Diseases using Chest X-ray Image Analysis. , 2017, , .		1
59	An Assessment Of Pharmacological Properties Of Schinus Essential Oils - A Soft Computing Approach. , 2016, , .		1
60	International Standard ISO 9001 an Artificial Intelligence View. , 2015, , .		1
61	Quality of Judgment Assessment. Advances in Linguistics and Communication Studies, 2016, , 96-110.	0.2	1
62	Predicative Vagueness in Lung Metastases in Soft Tissue Sarcoma Screening. Lecture Notes in Computer Science, 2018, , 80-89.	1.0	1
63	Fully Informed Classification Systems Simpler, Maybe Better. Communications in Computer and Information Science, 2019, , 3-16.	0.4	1
64	Assessing Individuals Learningâ€™s Impairments from a Social Entropic Perspective. Lecture Notes in Computer Science, 2019, , 62-73.	1.0	1
65	An Assessment of the Weight of the Experimental Component in Physics and Chemistry Classes. Lecture Notes in Networks and Systems, 2022, , 338-349.	0.5	1
66	Chest Breadths to Predict Individuals' Age - A Case Based View. , 2016, , .		0
67	An Artificial Intelligence Approach to Dyscalculia. Lecture Notes in Electrical Engineering, 2016, , 205-214.	0.3	0
68	An Assessment to Toxicological Risk of Pesticide Exposure. Communications in Computer and Information Science, 2016, , 139-150.	0.4	0
69	A Case Base View of Heart Failure Predisposition Risk. Advances in Intelligent Systems and Computing, 2017, , 312-323.	0.5	0
70	An evolutionary computing approach to diabetic foot analysis. , 2017, , .		0
71	A Case-Based Reasoning Approach to GBM Evolution. Lecture Notes in Computer Science, 2018, , 489-498.	1.0	0
72	Chest X-Ray Image Analysis. Lecture Notes in Computer Science, 2018, , 48-61.	1.0	0

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73	Quality Management in Training Companies. Lecture Notes in Electrical Engineering, 2019, , 384-390.	0.3	0
74	Predicting Diabetic Foot Maturing Through Evolutionary Computation. Lecture Notes in Networks and Systems, 2019, , 109-117.	0.5	0
75	A Many-Valued Empirical Machine for Thyroid Dysfunction Assessment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 47-57.	0.2	0
76	A MRI View of Brain Tumor Outcome Prediction. Advances in Science, Technology and Innovation, 2019, , 1-10.	0.2	0
77	Awareness of School Learning Environments. Advances in Intelligent Systems and Computing, 2019, , 147-155.	0.5	0
78	A Deep Learning Line to Assess Patientâ€™s Lung Cancer Stages. Advances in Intelligent Systems and Computing, 2019, , 599-607.	0.5	0
79	A Thermodynamic Assessment of the Cyber Security Risk in Healthcare Facilities. Advances in Intelligent Systems and Computing, 2020, , 452-465.	0.5	0
80	Threat Artificial Intelligence and Cyber Security in Health Care Institutions. Studies in Computational Intelligence, 2021, , 319-342.	0.7	0
81	An Entropic Approach to Assess Peopleâ€™s Awareness of the Health Risks Posed by Pesticides in Oenotourism Events. Advances in Intelligent Systems and Computing, 2021, , 284-296.	0.5	0
82	An Assessment of Data Guidelines in Cryopreservation Laboratories. , 2021, , .		0
83	Assessment of Environmental Literacy. , 0, , .		0
84	Customersâ€™ satisfaction assessment in water laboratories. Journal of Water Supply: Research and Technology - AQUA, 2021, 70, 845-855.	0.6	0
85	Prediction Of Water Quality Parameters In A Reservoir Using Artificial Neural Networks. WIT Transactions on State-of-the-art in Science and Engineering, 2012, , 187-196.	0.0	0
86	Water Quality Modeling Using Artificial Intelligence-Based Tools. WIT Transactions on State-of-the-art in Science and Engineering, 2012, , 177-186.	0.0	0
87	An Extension of the Eindhoven Classification Model to the Educational Sector. , 2013, , .		0
88	A Logic Programming Approach to the Conservation of Buildings Based on an Extension of the Eindhoven Classification Model. Polibits, 0, 48, 31-38.	0.0	0
89	An Assessment of Chronic Kidney Diseases. Advances in Intelligent Systems and Computing, 2015, , 179-191.	0.5	0
90	Prediction of Length of Hospital Stay in Preterm Infants a Case-Based Reasoning View. Smart Innovation, Systems and Technologies, 2016, , 115-128.	0.5	0

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91	Evaluation of the Length of Hospital Stay through Artificial Neural Networks Based Systems. Advances in Bioinformatics and Biomedical Engineering Book Series, 2016, , 153-168.	0.2	0
92	A Case Based Methodology for Problem Solving Aiming at Knee Osteoarthritis Detection. Advances in Intelligent Systems and Computing, 2017, , 274-284.	0.5	0
93	Efficacy and Planning in Ophthalmic Surgery – A Vision of Logical Programming. Lecture Notes in Computer Science, 2017, , 558-568.	1.0	0
94	Prediction of Neoadjuvant Chemotherapy Outcome in Breast Cancer Patients. Lecture Notes in Electrical Engineering, 2019, , 324-332.	0.3	0
95	An Artificial Intelligence Approach to Thrombophilia Risk. , 2019, , 161-182.		0
96	Wine Quality Assessment Under The Eindhoven Classification Method. , 2019, , .		0
97	Social Role in Organizational Management Understanding People Behavior and Motivation. Communications in Computer and Information Science, 2020, , 527-536.	0.4	0
98	Evaluation of the Length of Hospital Stay Through Artificial Neural Networks Based Systems. , 2020, , 391-403.		0
99	Hospitality and Hospital Management. Lecture Notes in Networks and Systems, 2022, , 297-306.	0.5	0
100	Avoidance of operational sampling errors in drinking water analysis. Journal of Water Supply: Research and Technology - AQUA, 2022, 71, 373-386.	0.6	0
101	A Psychometrics Approach to Entropy. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 177-191.	0.3	0