Hector D Menendez

List of Publications by Year
in descending order

42 papers	643 citations	759233 12 h-index	642732 23 g-index
44 all docs	44 docs citations	44 times ranked	478 citing authors

#	Article	IF	Citations
1	Output Sampling for Output Diversity in Automatic Unit Test Generation. IEEE Transactions on Software Engineering, 2022, 48, 295-308.	5.6	4
2	Designing large quantum key distribution networks via medoid-based algorithms. Future Generation Computer Systems, 2021, 115, 814-824.	7.5	4
3	Getting Ahead of the Arms Race: Hothousing the Coevolution of VirusTotal with a Packer. Entropy, 2021, 23, 395.	2.2	11
4	Diversifying Focused Testing for Unit Testing. ACM Transactions on Software Engineering and Methodology, 2021, 30, 1-24.	6.0	6
5	Exploring digital corporate social responsibility communications on Twitter. Journal of Business Research, 2020, 117, 675-682.	10.2	88
6	Detecting Malware with Information Complexity. Entropy, 2020, 22, 575.	2.2	6
7	Ant Colony Optimization for Object-Oriented Unit Test Generation. Lecture Notes in Computer Science, 2020, , 29-41.	1.3	3
8	VARMOG: A Co-Evolutionary Algorithm to Identify Manifolds on Large Data. , 2019, , .		0
9	Mimicking Anti-Viruses with Machine Learning and Entropy Profiles. Entropy, 2019, 21, 513.	2.2	13
10	The arms race: Adversarial search defeats entropy used to detect malware. Expert Systems With Applications, 2019, 118, 246-260.	7.6	27
11	Dorylus: An Ant Colony Based Tool for Automated Test Case Generation. Lecture Notes in Computer Science, 2019, , 171-180.	1.3	3
12	Picking on the family: Disrupting android malware triage by forcing misclassification. Expert Systems With Applications, 2018, 95, 113-126.	7.6	43
13	A study on performance metrics and clustering methods for analyzing behavior in UAV operations. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1307-1319.	1.4	6
14	Analysing temporal performance profiles of UAV operators using time series clustering. Expert Systems With Applications, 2017, 70, 103-118.	7.6	27
15	MOCDroid: multi-objective evolutionary classifier for Android malware detection. Soft Computing, 2017, 21, 7405-7415.	3.6	60
16	String-based Malware Detection for Android Environments. Studies in Computational Intelligence, 2017, , 99-108.	0.9	6
17	Extending the SACOC algorithm through the Nyström method for dense manifold data analysis. International Journal of Bio-Inspired Computation, 2017, 10, 127.	0.9	3
18	ADROIT: Android malware detection using meta-information. , 2016, , .		14

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19	Genetic boosting classification for malware detection. , 2016, , .		11
20	Medoid-based clustering using ant colony optimization. Swarm Intelligence, 2016, 10, 123-145.	2.2	34
21	Automatic profile generation for UAV operators using a simulation-based training environment. Progress in Artificial Intelligence, 2016, 5, 37-46.	2.4	17
22	A tutorial on manifold clustering using genetic algorithms. , 2015, , .		1
23	GANY: A genetic spectral-based clustering algorithm for Large Data Analysis. , 2015, , .		3
24	Design and development of a lightweight multi-UAV simulator. , 2015, , .		19
25	Mixed Clustering Methods to Forecast Baseball Trends. Studies in Computational Intelligence, 2015, , 175-184.	0.9	2
26	SACOC:A Spectral-Based ACO Clustering Algorithm. Studies in Computational Intelligence, 2015, , 185-194.	0.9	4
27	User Profile Analysis for UAV Operators in a Simulation Environment. Lecture Notes in Computer Science, 2015, , 338-347.	1.3	1
28	Analyzing Planning and Monitoring Skills of Users in a Multi-UAV Simulation Environment. Lecture Notes in Computer Science, 2015, , 255-264.	1.3	2
29	A GENETIC GRAPH-BASED APPROACH FOR PARTITIONAL CLUSTERING. International Journal of Neural Systems, 2014, 24, 1430008.	5.2	63
30	A Co-Evolutionary Multi-Objective approach for a K-adaptive graph-based clustering algorithm. , 2014, , .		8
31	Combining graph connectivity and genetic clustering to improve biomedical summarization. , 2014, , .		13
32	A Multi-Objective Graph-based Genetic Algorithm for image segmentation. , 2014, , .		4
33	MACOC: A Medoid-Based ACO Clustering Algorithm. Lecture Notes in Computer Science, 2014, , 122-133.	1.3	13
34	TweetSemMiner: A Meta-Topic Identification Model for Twitter Using Semantic Analysis. Lecture Notes in Computer Science, 2014, , 69-76.	1.3	0
35	Combining Time Series and Clustering to Extract Gamer Profile Evolution. Lecture Notes in Computer Science, 2014, , 262-271.	1.3	3
36	Extracting behavioural models from 2010 FIFA world cup. Journal of Systems Science and Complexity, 2013, 26, 43-61.	2.8	13

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37	A Multi-Objective Genetic Graph-Based Clustering algorithm with memory optimization. , 2013, , .		15
38	Extracting Collective Trends from Twitter Using Social-Based Data Mining. Lecture Notes in Computer Science, 2013, , 622-630.	1.3	13
39	A genetic graph-based clustering approach to biomedical summarization. , 2013, , .		6
40	A Genetic Graph-Based Clustering Algorithm. Lecture Notes in Computer Science, 2012, , 216-225.	1.3	11
41	Features selection from high-dimensional web data using clustering analysis. , 2012, , .		6
42	ADAPTIVE K-MEANS ALGORITHM FOR OVERLAPPED GRAPH CLUSTERING. International Journal of Neural Systems, 2012, 22, 1250018.	5.2	46