Igor Santos Grueiro

List of Publications by Year
in descending order

75	1,889	623188	344852
papers	citations	14 h-index	36 g-index

81	81	81	1217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opcode sequences as representation of executables for data-mining-based unknown malware detection. Information Sciences, 2013, 231, 64-82.	4.0	312
2	PUMA: Permission Usage to Detect Malware in Android. Advances in Intelligent Systems and Computing, 2013, , 289-298.	0.5	158
3	Idea: Opcode-Sequence-Based Malware Detection. Lecture Notes in Computer Science, 2010, , 35-43.	1.0	122
4	OPEM: A Static-Dynamic Approach for Machine-Learning-Based Malware Detection. Advances in Intelligent Systems and Computing, 2013, , 271-280.	0.5	102
5	N-GRAMS-BASED FILE SIGNATURES FOR MALWARE DETECTION. , 2009, , .		97
6	Can I Opt Out Yet?. , 2019, , .		84
7	Text normalization and semantic indexing to enhance Instant Messaging and SMS spam filtering. Knowledge-Based Systems, 2016, 108, 25-32.	4.0	80
8	SoK: Deep Packer Inspection: A Longitudinal Study of the Complexity of Run-Time Packers. , 2015, , .		78
9	MAMA: MANIFEST ANALYSIS FOR MALWARE DETECTION IN ANDROID. Cybernetics and Systems, 2013, 44, 469-488.	1.6	77
10	Semi-supervised Learning for Unknown Malware Detection. Advances in Intelligent and Soft Computing, 2011, , 415-422.	0.2	57
11	Supervised machine learning for the detection of troll profiles in twitter social network: application to a real case of cyberbullying. Logic Journal of the IGPL, 0, , jzv048.	1.3	54
12	On the automatic categorisation of android applications. , 2012, , .		51
13	Using opcode sequences in single-class learning to detect unknown malware. IET Information Security, 2011, 5, 220.	1.1	47
14	Clock Around the Clock. , 2018, , .		40
15	Enhanced Topic-based Vector Space Model for semantics-aware spam filtering. Expert Systems With Applications, 2012, 39, 437-444.	4.4	36
16	Supervised Machine Learning for the Detection of Troll Profiles in Twitter Social Network: Application to a Real Case of Cyberbullying. Advances in Intelligent Systems and Computing, 2014, , 419-428.	0.5	36
17	Study on the effectiveness of anomaly detection for spam filtering. Information Sciences, 2014, 277, 421-444.	4.0	32
18	Data Leak Prevention through Named Entity Recognition. , 2010, , .		25

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19	Opcode-Sequence-Based Semi-supervised Unknown Malware Detection. Lecture Notes in Computer Science, 2011, , 50-57.	1.0	25
20	Collective classification for packed executable identification. , 2011, , .		25
21	Twitter Content-Based Spam Filtering. Advances in Intelligent Systems and Computing, 2014, , 449-458.	0.5	24
22	Mechanical properties prediction in high-precision foundry production. , 2009, , .		22
23	Word sense disambiguation for spam filtering. Electronic Commerce Research and Applications, 2012, 11, 290-298.	2.5	20
24	Countering entropy measure attacks on packed software detection. , 2012, , .		19
25	Anomaly Detection Using String Analysis for Android Malware Detection. Advances in Intelligent Systems and Computing, 2014, , 469-478.	0.5	14
26	The web is watching you: A comprehensive review of web-tracking techniques and countermeasures. Logic Journal of the IGPL, 2017, 25, 18-29.	1.3	14
27	Optimising Machine-Learning-Based Fault Prediction in Foundry Production. Lecture Notes in Computer Science, 2009, , 554-561.	1.0	14
28	Negobot: A Conversational Agent Based on Game Theory for the Detection of Paedophile Behaviour. Advances in Intelligent Systems and Computing, 2013, , 261-270.	0.5	14
29	Automatic Morphological Categorisation of Carbon Black Nano-aggregates. Lecture Notes in Computer Science, 2010, , 185-193.	1.0	12
30	Semi-supervised learning for packed executable detection. , 2011, , .		11
31	Machine-learning-based surface defect detection and categorisation in high-precision foundry. , 2012, , .		9
32	On the adoption of anomaly detection for packed executable filtering. Computers and Security, 2014, 43, 126-144.	4.0	9
33	Automatic categorisation of comments in social news websites. Expert Systems With Applications, 2012, 39, 13417-13425.	4.4	8
34	Procedural Playable Cave Systems Based on Voronoi Diagram and Delaunay Triangulation. , 2014, , .		8
35	Procedural approach to volumetric terrain generation. Visual Computer, 2014, 30, 997-1007.	2.5	8
36	Enhanced Foundry Production Control. Lecture Notes in Computer Science, 2010, , 213-220.	1.0	8

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37	MADS: Malicious Android Applications Detection through String Analysis. Lecture Notes in Computer Science, 2013, , 178-191.	1.0	8
38	Towards noise and error reduction on foundry data gathering processes. , 2010, , .		7
39	Collective classification for spam filtering. Logic Journal of the IGPL, 2013, 21, 540-548.	1.3	7
40	A Survey on Static Analysis and Model Checking. Advances in Intelligent Systems and Computing, 2014, , 443-452.	0.5	6
41	Supervised learning classification for dross prediction in ductile iron casting production. , 2013, , .		5
42	Epidemic model for malware targeting telephony networks. , 2016, , .		5
43	UTILIZACIÃ“N DE ALGORITMOS DE META-CLASIFICACIÃ“N PARA LA MEJORA DE LOS MODELOS PREDICTIVOS DE CONTROL. Dyna (Spain), 2013, 88, 290-298.	0.1	5
44	Combination of Machine-Learning Algorithms for Fault Prediction in High-Precision Foundries. Lecture Notes in Computer Science, 2012, , 56-70.	1.0	5
45	Adult Content Filtering through Compression-Based Text Classification. Advances in Intelligent Systems and Computing, 2013, , 281-288.	0.5	4
46	The Evolution of Permission as Feature for Android Malware Detection. Advances in Intelligent Systems and Computing, 2015, , 389-400.	0.5	4
47	Static analysis: a brief survey. Logic Journal of the IGPL, 2016, 24, 871-882.	1.3	4
48	Knockinâ€™ on Trackersâ€™ Door: Large-Scale Automatic Analysis of Web Tracking. Lecture Notes in Computer Science, 2018, , 281-302.	1.0	4
49	Challenges and Limitations in Current Botnet Detection. , 2011, , .		3
50	Tracking Users Like There is No Tomorrow: Privacy on the Current Internet. Advances in Intelligent Systems and Computing, 2015, , 473-483.	0.5	3
51	BakingTimer. , 2019, , .		3
52	Enhancing scalability in anomaly-based email spam filtering. , 2011, , .		2
53	Anomaly detection for high precision foundries. , 2011, , .		2
54	Collective classification for the detection of surface defects in automotive castings. , 2013, , .		2

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55	Using compression models for filtering troll comments. , 2015, , .		2
56	Negobot: Detecting paedophile activity with a conversational agent based on game theory. Logic Journal of the IGPL, 2015, 23, 17-30.	1.3	2
57	Anomaly-based user comments detection in social news websites using troll user comments as normality representation. Logic Journal of the IGPL, 2016, 24, 883-898.	1.3	2
58	Feel Me Flow: A Review of Control-Flow Integrity Methods for User and Kernel Space. Advances in Intelligent Systems and Computing, 2017, , 477-486.	0.5	2
59	Anomalous User Comment Detection in Social News Websites. Advances in Intelligent Systems and Computing, 2014, , 517-526.	0.5	2
60	Anomaly Detection for the Prediction of Ultimate Tensile Strength in Iron Casting Production. Lecture Notes in Computer Science, 2011, , 519-526.	1.0	2
61	Filtering Trolling Comments through Collective Classification. Lecture Notes in Computer Science, 2013, , 707-713.	1.0	2
62	Collective prediction of ultimate tensile strength in high-precision foundries. , 2012, , .		1
63	Supervised classification of packets coming from a HTTP botnet. , 2012, , .		1
64	On the study of anomaly-based spam filtering using spam as representation of normality. , 2012, , .		1
65	Evolutionary programming to adjust the process in high precision foundries. , 2013, , .		1
66	Spam Filtering through Anomaly Detection. Communications in Computer and Information Science, 2012, , 203-216.	0.4	1
67	Enhanced Image Segmentation Using Quality Threshold Clustering for Surface Defect Categorisation in High Precision Automotive Castings. Advances in Intelligent Systems and Computing, 2014, , 191-200.	0.5	1
68	Fault-tolerant defect prediction in high-precision foundry. , 2010, , .		0
69	JURD: Joiner of Un-Readable Documents to reverse tokenization attacks to content-based spam filters. , 2013, , .		0
70	C&C Techniques in Botnet Development. Advances in Intelligent Systems and Computing, 2013, , 97-108.	0.5	0
71	Reversing the effects of tokenisation attacks against content-based spam filters. International Journal of Security and Networks, 2013, 8, 106.	0.1	0
72	Modelo predictivo de control en fundiciones de alta precisiÃ³n: un nuevo enfoque para la fase de prediccIÃ³n. Revista De Metalurgia, 2011, 47, 341-354.	0.1	0

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73	Boosting Scalability in Anomaly-Based Packed Executable Filtering. Lecture Notes in Computer Science, 2012, , 24-43.	1.0	0
74	VISIÃ“N ARTIFICIAL BASADA EN APRENDIZAJE AUTOMÃ•TICO PARA LA CATEGORIZACIÃ“N DE DEFECTOS SUPERFICIALES EN FUNDICIÃ“N. Dyna (Spain), 2014, 89, 325-332.	0.1	0
75	An Empirical Study on Word Sense Disambiguation for Adult Content Filtering. Advances in Intelligent Systems and Computing, 2014, , 537-544.	0.5	0