

ANEXA 1 - FISA DE AUTOEVALUARE

CRITERII	DESCRIPTORI	DESCRIERE	FORMULA	PUNCTAJ OBTINUT
	Articole științifice publicate în extenso în reviste cotate Web of Science fara factor de impact	Cristina Vatamanu, Dragoș Gavriluț and Răzvan Benchea: A practical approach on clustering malicious PDF documents, Journal in Computer Virology 2012, Springer, DOI: 10.1007/s11416-012-0166-z, (http://www.springerlink.com/content/j03318958815x204/)	20/3	6.66
		Cristina Vatamanu, Dragos Gavrilut, Razvan Benchea: Building a Practical and Reliable Classifier for Malware Detection, Journal of Computer Virology and Hacking Techniques, November 2013, Volume 9, Issue 4, pp 205–214, DOI: 10.1007/s11416-013-0188-1, http://link.springer.com/article/10.1007/s11416-013-0188-1	20/3	6.66
		Gavrilut Dragos , Cristina Vatamanu and Benchea Razvan; <i>Practical optimizations for perceptron algorithms in large malware datasets.</i> ; SYNASC 2012, IEEE Computer Society Press	30/3	10
		Gavrilut Dragos , Cristina Vatamanu and Benchea Razvan; <i>Optimized zero false positives perceptron training for malware detection..</i> ; SYNASC 2012, IEEE Computer Society Press	30/3	10
	Articole științifice publicate în extenso în volumele conferințelor (indexate ISI)	Doina Cosovan, Razvan Benchea, Dragos Gavrilut: A Practical Guide for Detecting JavaScript-based Malware using Hidden Markov Models and Linear Classifiers, SYNASC, 2014	30/3	10
		Benchea Razvan, Dragos Gavrilut: Combining Restricted Boltzmann Machine and One Side Perceptron for Malware Detection, International Conference on Conceptual Structures, Graph-Based Representation and Reasoning: 21st International Conference on Conceptual Structures, ICCS 2014, Iasi, Romania, July 27-30, 2014, Proceeding	30/2	15
		Extraction using Genetic Programming with Applications in Malware Detection, SYNASC 2015	30/4	7.5
		Razvan Benchea, Dragos Gavrilut, Henri Luchian: Feature Creation using Genetic Algorithms for Zero False Positive Malware Classication, EVOLVE 2015	30/3	10
		Dragos Gavrilut, George Popoiu and Mihai-Razvan Benchea: Identifying DGA-based botnets using network anomaly detection, SYNASC 2016	30/3	10
	Articole științifice publicate în extenso în volumele conferințelor, alte categorii	Paul Bot, Cristina Vatamanu, Dragos Gavrilut, Razvan Benchea, "Performance Testing Framework: Evaluating The Impact On The System Speed", the Workshop on Antimalware Testing Research (WATER), 2014	5/4	1.25
		Cristina Vatamanu, Alexandru Maximciuc, Razvan Benchea, "Hiding The Network Behind The Network. Botnet Proxy Business Model", Virus Bulletin (vb2014), 2014	5/3	1.66
		Vlad Bordianu, Razvan Benchea, Dragos Gavrilut, "Google and Apple Markets: Are Their Applications Really Secure?!", Virus Bulletin (vb2013), 2013	5/3	1.66
		Alexandru Maximciuc, Cristina Vatamanu, Doina Cosovan, Dragos Gavrilut, Octavian Mihai Minea, Razvan Benchea, In-depth Analysis of PushDO Botnet, 16th Association of Anti-Virus Asia Researchers International Conference 2013 (AVAR)	5/6	0.83
	10. Contracte de cercetare în mediul de afaceri și sectorul public: în firme multi-nationale	- CIPSEC – Enhancing Critical Infrastructure Protection with innovative SEcurity framework Horizon 2020 – Mai.2016 – Aprilie.2019 , 1.653.750 RON (aprox. >350.000 Euro)	100 puncte la 100.000 EUR	200.00
		- B-Have pentru dispozitive mobile, PN CDI 2, Mai.2013 – Aprilie.2015, 7.185.669 RON (aprox. >1.500.000 Euro)	100 puncte la 100.000 EUR	1500.00
	12. Citari si recenzii ale lucrarilor stiintifice in Reviste de specialitate din strainatate	Lucrarea: A Practical Guide for Detecting JavaScript-based Malware using Hidden Markov Models and Linear Classifiers din 2014 cu 3 autori citata in ICCP Semi-automated verdicts assignment for potentially malicious programs, Intelligent Computer Communication and Processing (ICCP),	(10+20x0)/3	3.33
		Lucrarea: Combining Restricted Boltzmann Machine and One Side Perceptron for Malware Detection din 2014 cu 2 autori citata in DIMVA MtNet: a multi-task neural network for dynamic malware classification, DIMVA 2016 Proceedings of the 13th International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment - Volume 9721	(10+20x0)/2	5.00
		Lucrarea: Building a Practical and Reliable Classifier for Malware Detection din 2013 cu 3 autori citata in JCV A token-based authentication security scheme for Hadoop distributed file system using elliptic curve cryptography, Journal of computer virology (2015)	(10+20x0)/3	3.33
		Lucrarea: Building a Practical and Reliable Classifier for Malware Detection din 2013 cu 3 autori citata in Int J Pattern Recogn An Ensemble Cost-Sensitive One-Class Learning Framework for Malware Detection, International Journal of Pattern Recognition and Artificial Intelligence (2015)	(10+20x0)/3	3.33

	de specialitate din străinătate. (10+20*factor de impact)/numar autori, pentru fiecare citare, respectiv (5*20+factor de impact)/numar autori pentru reviste de specialitate din tara	Lucrarea: A Practical Approach on Clustering Malicious PDF Documents din 2012 cu 3 autori citata in ICCP Locality-sensitive hashing optimizations for fast malware clustering,Intelligent Computer Communication and Processing (ICCP),	(5+10x0)/3	1.67
		Lucrarea: A Practical Approach on Clustering Malicious PDF Documents din 2012 cu 3 autori citata in ISSN: 01674048 Detection of malicious PDF files and directions for enhancements: A state-of-the art survey,Computers & Security, Volume 48, February 2015, Pages 246–266	(10+20x0)/3	3.33
		Lucrarea: A Practical Approach on Clustering Malicious PDF Documents din 2012 cu 3 autori citata in JCV Modeling discovery and removal of security vulnerabilities in software system using priority queueing models,Journal of computer virology (2014)	(10+20x0)/3	3.33
		Lucrarea: A Practical Approach on Clustering Malicious PDF Documents din 2012 cu 3 autori citata in JCV Malware clustering using suffix trees,Journal of computer virology (2016)	(10+20x0)/3	3.33
		Lucrarea: A Practical Approach on Clustering Malicious PDF Documents din 2012 cu 3 autori citata in JCV A study on the service quality of SMEs management consulting affecting the perceived management performance in mobile communication environments,Journal of computer virology (2014)	(10+20x0)/3	3.33
		Lucrarea: Optimized Zero False Positives Perceptron Training for Malware Detection din 2012 cu 3 autori citata in ISSN: 16155262 Malware detection using bilayer behavior abstraction and improved one-class support vector machines,International Journal of Information Security (2016)	(10+20x1.279)/3	11.86
		Privacy protection for mobile devices, US 9292694, Aplication number: 13/837,166, 6 inventatori	100 / 6	16.6
	11. Brevete			
	19. Participari la manifestari stiintifice	2014 membru in comitetul de organizare a evenimentului Doctoral Intensive Summer School on Meta Heuristics In Optimization and Intelligent Data Analyssis Evolutionary Computing In Optimization Data Mining - ECODAM (http://profs.info.uaic.ro/~summerschool/)	Membru 5 pct	5

Activitate didactica	Materiale suport curs, seminar, lucrari practice si programe analitice	Capitole speciale de sisteme de operare - suport laborator Rețele Neuronale - suport curs	10 x 2	20
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I. ACTIVITATE DE CERCETARE (70%)	II. ACTIVITATEA DIDACTICA (30%)	FINAL
1854.68	20.00	1304.28

Data

Asistent Razvan Benchea