

Producția științifică (perspectiva b)	Toate articolele	A* + A + B
Punctaj realizat:	24.06666667	12.4
Valoare minimă post LECTOR (UAIC Informatică):	12	6
Valoare minimă post conferențiar (CNATDCU):	32	16
Valoare minimă abilitare:	44	28
Valoare minimă post profesor:	56	40
Impactul rezultatelor (perspectiva c)	Toate citările	A* + A + B
Punctaj realizat:	161.4333333	96
Valoare minimă post LECTOR (UAIC Informatică):	4	0
Valoare minimă post conferențiar (CNATDCU):	48	12
Valoare minimă abilitare:	84	26
Valoare minimă post profesor:	120	40
TOTAL OBȚINUT (b + c):	185.5	
Minim total post LECTOR:	16	
Minim total post conferențiar:	80	
Minim total abilitare:	128	
Minim total post profesor:	176	

Fișa de autoevaluare privind standardele minimale pe domeniul Informatică

Producția științifică (perspectiva b)	Toate articolele	A* + A + B	A* + A
Punctaj realizat:	24.06666667	12.4	7.6
Valoare minimă post LECTOR (UAIC Informatică):	12	6	0
Valoare minimă post conferențiar (CNATDCU):	32	16	0
Valoare minimă abilitare:	44	28	12
Valoare minimă post profesor:	56	40	24

Nr.	Titlu articol	Autori	Nr. Autori	An	Tip	Clasa	Punctaj Conf	Punctaj	Note
1	A comparison of open-source static analysis tools for vulnerability detection in C/C++ code - 19th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), p. 161-168, 2017	A. Arusoae, Ș. Ciobăcă, V. Crăciun, D. Gavriluț, D. Lucanu	5	2017	Conferinta	C	2	0.667	
2	Trends in design of ransomware viruses - International Conference on Security for Information Technology and Communications (SecITC), Lecture Notes in Computer Science 11359, Springer, p. 259-272, 2018	V. C. Crăciun, A. Mogage, E. Simion	3	2018	Conferinta	C	2	2	LNCS Springer
3	Malware in the SGX supply chain: Be careful when signing enclaves! - IEEE Transactions on Dependable and Secure Computing, vol. 19, nr. 2, p. 924-935, 2020	V. Crăciun, P. Felber, A. Mogage, E. Onica, R. Pires	5	2020	Jurnal	A*	8	2.667	IEEE Q1, IF~7
4	Building Deobfuscated Applications from Polymorphic Binaries - 14th International Conference on Information Technology and Communications Security (SecITC), LNCS Springer, 2021	V. C. Crăciun, A. C. Mogage	2	2021	Conferinta	C	2	2	LNCS Springer
5	Software for Laboratory Test: FARM - Framework for Activity Real-Time Monitoring - International Conference on e-Health and Bioengineering (EHB), p. 511-518, 2023	V. C. Craciun, M. Luca, R. M. Lefter	3	2023	Conferinta	C	2	2	IEEE EHB
6	DBI-Assisted Behaviour Classification of Malicious Binary Applications - International KES Conference on Human Centred Intelligent Systems (KES-HCIS), p. 11-21, 2025	V. C. Crăciun, A. V. Panaintescu, M. Leonte	3	2025	Conferinta	C	2	2	Springer KES
7	Comparing Vision Transformers Towards Automatic Bowel Cleansing: A discussion - Procedia Computer Science, vol. 270, p. 5531-5540, 2025	V. C. Craciun, A. V. Panaintescu, M. Luca, A. Ciobanu, R. M. Lefter, V. L. Drug et al.	7	2025	Conferinta	B	4	0.8	Procedia CS / EHB
8	Clustering 3D Tracking in Zebrafish Laboratory Trials - 2024 E-Health and Bioengineering Conference (EHB), p. 1-5, 2024	A. V. Panaintescu, V. C. Craciun, R. M. Lefter et al.	4	2024	Conferinta	C	2	1	IEEE EHB
9	Improving Automated Behaviour Analysis in Zebrafish Laboratory Trials - Proceedings of the 21st International Conference on Global Research and Education, 2024	V. Craciun, A. Panaintescu, R. Lefter, M. Luca	4	2024	Conferinta	D	0	0	ICGRE
10	It's A File Infector... It's Ransomware... It's Virlock - Virus Bulletin Conference (VB2015), Prague, 2015	V. Craciun, A. Nacu, M. Andronic	3	2015	Conferinta	C	2	2	VB industry conference

11	Individual Health Data Storage for Diagnosis and Decision Support Systems - Considerations on Colonoscopy Assessment - Intelligent Systems Reference Library, vol. 258, p. 69-91, Springer, 2024	M. Luca, A. Ciobanu, V. C. Crăciun	3	2024	Capitol carte	B	4	4	Springer ISRL
12	Exploring cannabinoids with enhanced binding affinity for targeting the expanded endocannabinoid system: a promising therapeutic strategy for Alzheimer's disease treatment - Pharmaceuticals, vol. 17, nr. 4, art. 530, 2024	G. D. Stanciu, D. C. Ababei, C. Solcan, C. M. Uritu, V. C. Craciun, C. V. Pricope et al.	12	2024	Jurnal	A	8	0.8	MDPI Q1, IF~4.6
13	Therapeutic relevance of an EU-GMP certified Cannabis sativa L. strain in a dual in vivo model of cognitive impairment and chronic neuropathic pain - Frontiers in Pharmacology, vol. 17, art. 1761426, 2026	I. Costachescu, R. M. Gogu, G. D. Stanciu, C. Solcan, L. Horodincu, A. Szilagyi, ... V. C. Craciun	14	2026	Jurnal	A	8	0.667	Frontiers Q1
14	Evaluation of long-term safety profile of an EU-GMP certified Cannabis sativa L. strain in a naturally aging preclinical model - Frontiers in Pharmacology, vol. 16, art. 1716366, 2025	G. D. Stanciu, I. Costachescu, D. C. Ababei, A. Szilagyi, R. M. Gogu, V. C. Craciun et al.	12	2025	Jurnal	A	8	0.8	Frontiers Q1
15	Automated dynamic deobfuscation of static obfuscated binaries (short talk) - Working Formal Methods 2nd International Symposium (FROM), 2018	V. C. Crăciun	1	2018	Conferinta	D	0	0	Short talk
16	Automated analysis of possible malware applications - Working Formal Methods Symposium (FROM), 2017	V. C. Crăciun	1	2017	Conferinta	D	0	0	
17	Supply chain malware targets SGX: Take care of what you sign - 38th IEEE Symposium on Reliable Distributed Systems (SRDS), p. 52-60, 2019	A. Mogage, R. Pires, V. Crăciun, E. Onica, P. Felber	5	2019	Conferinta	A	8	2.667	CORE A
18	Full Transparency in DBI frameworks - preprint arXiv:2306.13529, 2023	V. Crăciun, A. Mogage, D. Lucanu	3	2023	Alte	D	0	0	arXiv preprint

TOTAL 24.07

Fișa de autoevaluare privind standardele minimale pe domeniul Informatică

Impactul rezultatelor (perspectiva c)	Toate citările	A* + A + B
Punctaj realizat:	161.4333333	96
Valoare minimă post LECTOR (UAIC Informatică):	4	0
Valoare minimă post conferențiar (CNATDCU):	48	12
Valoare minimă abilitare:	84	26
Valoare minimă post profesor:	120	40

Articol citat: A comparison of open-source static analysis tools for vulnerability detection in C/C++ code - 19th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), p. 161-168,

A.
Aruso 5

Nr.	Titlu citare	Autori	Nr. autori	An	Conferință/Revistă/Carte/Lucrare	Clasa	Scor
1	An empirical study on the effectiveness of static C code analyzers for vulnerability detection	S Lipp, S Banescu, A Pretschner	3	2022	Proceedings of the 31st ACM SIGSOFT International Symposium	A	2.66667
2	Static code analysis tools: A systematic literature review	D Stefanović, D Nikolić, D	5	2020	Annals of DAAAM Proceedings	D	0.33333
3	An extensive comparison of static application security testing tools	M Esposito, V Falaschi, D Falessi	3	2024	Proceedings of the 28th International Conference on Evaluation and Assessment in	B	1.33333
4	Software vulnerabilities in TensorFlow-based deep learning applications	K Filus, J Domańska	2	2023	Computers & Security, Elsevier	A	2.66667
5	Semgrep*: Improving the limited performance of static application security testing (SAST) tools	G Bennett, T Hall, E Winter, S Counsell	4	2024	Proceedings of the 28th International Conference on Evaluation and Assessment in	B	1.33333
6	Evaluating C/C++ vulnerability detectability of query-based static application security testing tools	Z Li, Z Liu, WK Wong, P Ma et al.	5	2024	IEEE Transactions on Dependable and Secure Computing	A*	2.66667
7	A study of C/C++ code weaknesses on stack overflow	H Zhang, S Wang, H Li, TH	5	2021	IEEE Transactions on Software	A*	2.66667
8	Early and realistic exploitability prediction of just-disclosed software vulnerabilities	E Iannone, G Sellitto, E Iaccarino, F Ferrucci et al.	5	2024	ACM Transactions on Software Engineering and Methodology	A*	2.66667
9	R2vul: Learning to reason about software vulnerabilities with reinforcement learning and structured reasoning distillation	M Weyssow, C Yang, J Chen, R Widyasari et al.	5	2025	arXiv preprint arXiv:2504.04699	n/a	0.33333
10	SoK: Where to fuzz? Assessing target selection methods in directed fuzzing	F Weissberg, J Möller, T Ganz, E Imgrund et al.	5	2024	Proceedings of the 19th ACM AsiaCCS	A	2.66667
11	Comparative analysis of open-source tools for conducting static code analysis	K Kuszczynski, M Walkowski	2	2023	Sensors, MDPI	C	0.66667
12	On the use of open-source C/C++ static analysis tools in large projects	JDA Pereira, M Vieira	2	2020	16th European Dependable Computing Conference (EDCC)	C	0.66667

13	A qualitative evaluation of reverse engineering tool usability	J Mattei, M McLaughlin, S Katcher et al.	4	2022	Proceedings of the 38th Annual Computer Security Applications	A	2.66667
14	Codexity: Secure AI-assisted code generation	SY Kim, Z Fan, Y Noller, A Roychoudhury	4	2024	arXiv preprint arXiv:2402.06952	n/a	0.33333
15	The Convergence of Source Code and Binary Vulnerability Discovery - A Case Study	A Mantovani, L Compagna, Y Shoshitaishvili et al.	4	2022	Proceedings of the 2022 ACM ASIACCS	A	2.66667
16	A deep dive into retrieval-augmented generation for code completion: Experience on WeChat	Z Yang, T Peng, C Gao, C Wang et al.	5	2025	IEEE International Conference on Software Maintenance and	B	1.33333
17	A large-scale study of IoT security weaknesses and vulnerabilities in the wild	M Selvaraj, G Uddin	2	2025	ACM Transactions on Software Engineering and Methodology	A*	2.66667
18	Characterizing buffer overflow vulnerabilities in large C/C++ projects	JDA Pereira, N Ivaki, M Vieira	3	2021	IEEE Access	B	1.33333
19	Efficacy of static analysis tools for software defect detection on open-source projects	J Yeboah, S Popoola	2	2023	International Conference on Computing, Networking and	D	0.33333
20	An empirical study on API-misuse bugs in open-source C programs	Z Gu, J Wu, J Liu, M Zhou, M Gu	5	2019	IEEE 43rd Annual Computer Software and Applications	C	0.66667
21	Do developers use static application security testing (SAST) tools straight out of the box? A large-scale empirical study	G Bennett, T Hall, S Counsell, E Winter et al.	5	2024	Proceedings of the 18th ACM/IEEE International Symposium on Empirical Software Engineering and	B	1.33333
22	Finding 709 Defects in 258 Projects: An Experience Report on Applying CodeQL to Open-Source Embedded Software	M Shen, AA Pillai, BA Yuan, JC Davis et al.	5	2025	Proceedings of the ACM on Software Engineering	A	2.66667
23	Hunting for truth: Analyzing explanation methods in learning-based vulnerability discovery	T Ganz, P Rall, M Härterich et al.	4	2023	IEEE 8th European Symposium on Security and Privacy (EuroS&P)	B	1.33333
24	A Qualitative Usability Evaluation of the Clang Static Analyzer and libFuzzer with CS Students and CTF Players	S Plöger, M Meier, M Smith	3	2021	Symposium on Usable Privacy and Security (SOUPS), USENIX	B	1.33333
25	Machine learning to combine static analysis alerts with software metrics to detect security vulnerabilities	JDA Pereira, JR Campos et al.	3	2021	17th European Dependable Computing Conference (EDCC)	C	0.66667
26	Vandalir: Vulnerability analyses based on datalog and LLVM-IR	J Schilling, T Müller	2	2022	International Conference on Detection of Intrusions and Malware, and Vulnerability	C	0.66667
27	Revisiting the VCCFinder approach for the identification of vulnerability-contributing commits	T Riom, A Sawadogo, K Allix, TF Bissyandé et al.	5	2021	Empirical Software Engineering, Springer	A	2.66667
28	A Multi-dataset Evaluation of Models for Automated Vulnerability Repair	ZA Khan, A Garg, Q Tang	3	2025	International Conference on Availability, Reliability and Security	C	0.66667
29	Evaluating Retrieval-Augmented Generation for LLM-Based Vulnerability Detection: An Empirical Study on Real-World Java Vulnerabilities	G Antal, L Értekes, N Szolnoki, P Hegedűs	4	2026	IEEE Access	B	1.33333

30	Techniques and tools for advanced software vulnerability detection	JDA Pereira	1	2020	IEEE International Symposium on Software Reliability Engineering	D	0.33333
31	Raising security awareness using cybersecurity challenges in embedded programming courses	TE Gasiba, S Hodzic, U Lechner et al.	4	2021	IEEE/ACM International Conference on Code of Ethics (ICCE)	C	0.66667
32	An empirical study of the imbalance issue in software vulnerability detection	Y Guo, Q Hu, Q Tang, YL Traon	4	2023	European Symposium on Research in Computer Security (ESORICS),	A	2.66667
33	Evaluation of open source static analysis security testing (SAST) tools for C	C Gentsch	1	2020	Technical report, DLR	D	0.33333
34	Evaluating Pre-Trained Models for Multi-Language Vulnerability Patching	ZA Khan, A Garg, Y Guo, Q Tang	4	2025	arXiv preprint arXiv:2501.07339	n/a	0.33333
35	Software security static analysis false alerts handling approaches	A Akremi	1	2021	International Journal of Advanced Computer Science and Applications	D	0.33333
36	Detecting uninitialized variables in C++ with the Clang static analyzer	K Umann, Z Porkoláb	2	2022	Acta Cybernetica	D	0.33333
37	Towards trusted smart contracts: A comprehensive test suite for vulnerability detection	A Arusoaie, ŞC Susan	2	2024	Empirical Software Engineering, Springer	A	2.66667
38	Exploring security vulnerabilities in competitive programming: An empirical study	D Das, NS Mathews, S Chimalakonda	3	2022	Proceedings of the 26th International Conference on Evaluation and Assessment in	B	1.33333
39	Comprehensive Analysis and Recommendation of Supply Chain Risk Management Framework for the Military Domain	JK Ahn, K Cho, K Seo, HJ Kim, S Kim	5	2025	IEEE Access	B	1.33333
40	Insights from Running 24 Static Analysis Tools on Open Source Software Repositories	F Hashmat, ZA Aljaali, M Shen, A Machiry	4	2024	International Conference on Detection of Intrusions and Malware, and Vulnerability	C	0.66667
41	Formal concept analysis model for static code analysis	S Motogna, D Cristea, D Şotropa, AJ Molnar	4	2022	Carpathian Journal of Mathematics	D	0.33333
42	Software defect localization using explainable deep learning	T Ganz	1	2024	Doctoral Thesis, TU Berlin	n/a	0.33333
43	Reapir: Generating Adversarial Malware Through API-Call Substitutions Only	L Kurlandski, R Mosli, Y Pan et al.	4	2024	SSRN preprint	n/a	0.33333
44	Bringing order amidst chaos: on the role of artificial intelligence in secure software engineering	M Esposito	1	2025	arXiv preprint arXiv:2501.05165	n/a	0.33333
45	Applying Formal Methods Tools to an Electronic Warfare Codebase (Experience report)	LW Li, D Lam, V Le, D Mitchell, MJ Gerken et al.	6	2026	arXiv preprint	n/a	0.33333
46	A software vulnerability detection method based on complex network community	C Shan, Y Gong, L Xiong, S Liao et al.	5	2022	Security and Communication Networks, Wiley	C	0.66667
47	Benchmarking open-source static analyzers for security testing for C	C Gentsch, R Krishnamurthy, TS Heinze	3	2020	International Symposium on Leveraging Applications of Formal	C	0.66667

48	Concurrency defect localization in embedded systems using static code analysis: An evaluation	B Johansson, AV Papadopoulos et al.	3	2019	IEEE International Conference on Emerging Technologies and Factory	C	0.66667
49	A multi-criteria analysis of benchmark results with expert support for security tools	M Martínez, JC Ruiz, N Antunes et al.	4	2020	IEEE Transactions on Dependable and Secure Computing	A*	2.66667
50	Software development quality assessment	MC Fanning, S Mukherjee, DN Gonzalez et al.	4	2024	US Patent application	n/a	0.33333
51	A Study on the Development and Application of Efficient Evaluation Criteria for Performance Testing of Commercial Open Source Vulnerability Scanning Tools	K Shin, DJ Jung, MJ Choe et al.	4	2022	Journal of the Korea Institute of Information Security and Cryptology	D	0.33333
52	Autonomous NextG System Vulnerability Detection From Protocol Verification to Runtime Validation	J Yang	1	2025	Doctoral Thesis	n/a	0.33333
53	Improving the Applicability of C++ Static Analysis Tools	K Umann	1	2026	Doctoral Thesis, ELTE	n/a	0.33333
54	Improving Vulnerability Discovery Tools and Training Through a Human Factors Lens	J Mattei	1	2025	Doctoral Thesis	n/a	0.33333
55	Enhancing software development efficiency: A study of static code analysis tools integrated with version control systems	AK Singh, D Tomar, V Ammasai et al.	4	2025	AIP Conference Proceedings	D	0.33333
56	Study of state-of-the-art open-source C/C++ static analysis	GW Li, T Yuan, L Li	3	2022	Journal of Software (Chinese)	C	0.66667
57	A Software Vulnerabilities Odyssey: Analysis, Detection, and Mitigation	T Riom	1	2022	Doctoral Thesis, University of Luxembourg	n/a	0.33333
58	Leveraging Large Language Models For Automated Software Vulnerability Detection and Analysis	A Boucena	1	2025	Master Thesis	n/a	0.33333
59	VulnFix: Correção de Vulnerabilidades através de Grandes Modelos de Linguagem	RR Morais	1	2025	Master Thesis, Universidade de Lisboa	n/a	0.33333
60	A Model-Driven Approach for the Management and Enforcement of Coding Conventions	E Rodrigues, JDA Pereira, L Montecchi	3	2023	IEEE Access	B	1.33333
61	CodeFlowGen: A Generator of Synthetic Source Code with Scalable Control Flow Paths for Evaluating Static Analysis Tools	RM Bolunduț, AV Coleșa, RM Portase	3	2024	International Conference on Source Code Analysis and Manipulation	C	0.66667
62	On the Usability of Coverage-Based Fuzzing of C/C++ Programs	S Plöger	1	2024	Doctoral Thesis, University of Bonn	n/a	0.33333
63	Creating Defensive Programmers: The Effect of Adding Cybersecurity Topics Throughout the Computer Science Curriculum	C Resch	1	2024	Doctoral Thesis	n/a	0.33333
64	Evaluation of software static analyzers	L Khaled, N Abdelbaki	2	2020	Proceedings of the 9th International Conference on Software and	D	0.33333
65	SSLDoc: Automatically Diagnosing Incorrect SSL API Usages in C Programs	Z Gu, J Wu, C Li, M Zhou, M Gu	5	2019	International Conference on Software Engineering and	D	0.33333
66	Symbolic execution of verification languages and floating-point code	DS Liew	1	2017	Doctoral Thesis, Imperial College London	n/a	0.33333

67	Uso de ferramentas de análise estática para identificar vulnerabilidades em sistemas operacionais em C/C++ para dispositivos IoT	GTH Dos Santos et al.	3	2023	Revista Eletrônica de Sistemas de Informação (RESI), SBC	D	0.33333
68	Investigating Approaches for Memory Leak Detection	VA Desai	1	2024	Master Thesis	n/a	0.33333
69	Refining Code Coverage to Better Reflect Fuzzing Performance	S Lipp	1	2025	Doctoral Thesis, TU München	n/a	0.33333
70	Возможности интегрированного подхода статического и динамического методов анализа кода в	ОВ Макеева, МВ Сартаков, ЕА Чернов et al.	4	2023	Международный научно-исследовательский журнал	n/a	0.33333
71	Software Security Characterization Through Static Data	JADA Pereira	1	2023	Doctoral Thesis, University of	n/a	0.33333
72	Loop Categorization Analysis for Memory Leak Detection in the Linux Kernel	R Karampudi	1	2023	Technical Report	n/a	0.33333
73	An Analysis of Human-in-the-loop Approaches for Binary Analysis Automation	A Mantovani	1	2022	Doctoral Thesis, EURECOM	n/a	0.33333
74	TSAR: A Tool for Evaluating Static Analyzers	КА Чибисов, РА Бучацкий, АД Тимонин et al.	4	2025	Труды Института системного программирования РАН	n/a	0.33333
75	A Model-Driven Approach for the Management and Enforcement of Coding Conventions (NTNU version)	L Montecchi	1	2023	Technical Report, NTNU	n/a	0.33333
76	Détection à faible surcoût des conditions de course et des violations de la sûreté de la mémoire de tas	F Dorostkar	1	2025	Doctoral Thesis, Polytechnique Montréal	n/a	0.33333
77	Analysis on Large Language Model Vulnerable Code Generation and Self-Repair Ability	SY Kim	1	2023	Master Thesis	n/a	0.33333
78	A Method for Comparing and Selecting Static Code Analysis Tools in Software Development Projects	C Haertel, M Pohl, D Staegemann, K Turowski	4	2022	Research Square preprint	n/a	0.33333
79	High-level overview (lecture notes)	YW Law-Wednesday	1	2024	Lecture notes, UniSA	n/a	0.33333
80	VANDALIR: Vulnerability Analyses Based on Datalog and LLVM-IR (book chapter)	J Schilling, T Müller	2	2022	Detection of Intrusions and Malware book, Springer	C	0.66667
81	Directed fuzzing for vulnerability detection (US Patent 12,462,037)	T Ganz, M Haerterich, P Rall	3	2025	US Patent	n/a	0.33333
82	Directed fuzzing for vulnerability detection (US Patent 12,386,978)	T Ganz, M Haerterich, P Rall	3	2025	US Patent	n/a	0.33333
83	Модел оцењивања софтверских пројеката заснован на статичкој анализи кода	D Nikolić	1	2024	Doctoral Thesis	n/a	0.33333
84	Human-machine Collaborative Vulnerability Discovery for	SC Wickramasuriya	1	2022	Doctoral Thesis	n/a	0.33333
85	Estudo de Ferramentas Para Detecção de Vulnerabilidades em Código-Fonte	LMG Araújo	1	2024	Master Thesis, IPCA	n/a	0.33333
86	Using the SEI CERT Secure Coding Standard to Reduce Vulnerabilities	J Fisch, C Haglund	2	2021	Master Thesis	n/a	0.33333
87	Static code analysis tools: A systematic review (ResearchGate version)	D Stefanović, D Nikolić, D Dakić, I Spasojević, S Ristić	5	2020	ResearchGate preprint	n/a	0.33333

88	An Analysis of Human-in-the-loop Approaches for Reverse Engineering Automation	A Mantovani	1	2022	Doctoral Thesis, HAL Science	n/a	0.33333
89	Aiding global function pointer hijacking for post-CET binary exploitation	A Bertani, M Bonelli	2	2021	Master Thesis, Politecnico di Milano	n/a	0.33333
90	Static code analysis tools: A systematic literature review (DAAAM)	D Stefanović, D Nikolić, D Dakić, I Spasojević, S Ristić	5	2020	DAAAM Proceedings	n/a	0.33333
91	AIT: A method for operating system kernel function call graph generation with a virtualization technique	L Jiao, S Luo, W Liu, L Pan	4	2020	KSII Transactions on Internet and Information Systems	C	0.66667
92	An exploration of static analysis used on C cryptography	A Zeilstra, P Schwabe, E Poll	3	2020	Master Thesis, Radboud University	n/a	0.33333
93	UPOTREBA ALATA ZA STATIČKU ANALIZU KODA U UČENJU - USE OF SCA TOOLS IN LEARNING	(authors)	1	2022	Conference TREND, Novi Sad	n/a	0.33333
94	Detecting Memory Errors in a Constrained Embedded Linux System	F Nyberg, E Bengtsson	2	2020	Master Thesis, Lund University	n/a	0.33333
95	Investigating Clang Static Analyzer's False-positives and False-negatives	C Jordan	1	2023	Master Thesis, EPFL	n/a	0.33333
96	Statistical Assessment of static code analysis tools	M Macala	1	2021	Master Thesis	n/a	0.33333
Total							80.6667

Articol citat: Trends in design of ransomware viruses - International Conference on Security for Information						V. C. 3	
Idx.	Titlu citare	Autori	Număr autori	An public are	Conferință/Revistă/Carte/Lucrare	Clasifi care	Punctaj aferent citării
1	A survey of ransomware detection methods	S Alzahrani, Y Xiao, S Asiri, J Zheng, T Li	5	2025	IEEE Access	B	4
2	Cybersecurity in the quantum era: Assessing the impact of quantum computing on infrastructure	Y Baseri, V Chouhan, A Ghorbani	3	2026	Computers & Security, Elsevier	A	8
3	Future-proofing cloud security against quantum attacks: Risk, transition, and mitigation strategies	Y Baseri, A Hafid, AH Lashkari	3	2025	arXiv preprint arXiv:2509.15653	n/a	1
4	Evaluation of live forensic techniques, towards Salsa20-Based cryptographic ransomware mitigation	LF de Loaysa Babiano, R Macfarlane et al.	4	2023	Forensic Science International: Digital Investigation, Elsevier	B	4
5	(t,n) Threshold Quantum Secret Sharing Using Rotation Operation	N Wang, X Zhang, X Zhang, S Lin	4	2022	International Journal of Theoretical Physics, Springer	C	2
6	Preparing smart cities for ransomware attacks	P Bajpai, R Enbody	2	2020	International Conference on Data Intelligence and Security (ICDIS),	C	2
7	Ransomware detection based on opcode behavior using k-nearest neighbors algorithm	D Stiawan, SM Daely, A Heryanto, N Afifah et al.	5	2021	Information Technology and Control (KTU)	C	2
8	Dynamics on hybrid complex network: Botnet modeling and analysis of medical IoT	M Yin, X Chen, Q Wang, W Wang et al.	5	2019	Security and Communication Networks, Wiley	C	2

9	Analysis of artificial intelligence (AI) enhanced technologies in support of cyber defense	JL Kreinbrink	1	2019	Book - ProQuest	n/a	1
10	Proactive damage prevention from zero-day ransomwares	H Fujinoki, L Manukonda	2	2023	5th International Conference on Information Systems and Cyber	C	2
11	Analysis of encryption schemes in modern ransomware	R Ploszek, P Švec, P Debnár	3	2021	Rad Hrvatske akademije znanosti i	D	1
12	Security analysis of key acquiring strategies used by cryptographic ransomware	ZA Genç, G Lenzini, PYA Ryan	3	2018	Proceedings of the Central European Cybersecurity Conference (CECC),	C	2
13	Rethinking the weakness of stream ciphers and its application to encrypted malware detection	W Stone, D Kim, VY Kemmoe, M Kang, J Son	5	2020	IEEE Access	B	4
14	Synthesis of evidence on existing and emerging social engineering ransomware attack vectors	A Bello, A Maurushat	2	2023	IGI Global book chapter	n/a	1
15	Advancements in ransomware detection and prevention techniques	J Verma, D Lakshmi	2	2024	IGI Global book chapter	n/a	1
16	Anti-EMP: Encrypted Malware Packets Filtering Algorithm Leveraging Ciphertext Patterns Under Zero Knowledge Setting	J Son, J Kim, J Ahn, D Kim, H Cho, D Kim	6	2024	International Conference on Information Security, Springer	C	2
17	Overview and Case Study for Ransomware Classification Using Deep Neural Network	MF Nurnoby, ESM El-Alfy	2	2019	IEEE Middle East and North Africa Conference on Communications	C	2
18	Preventing Ransomware Damages Using in-Operation Off-Site Backup	H Fujinoki, A Towell, VA Thota	3	2025	7th International Conference on Information Systems and Cyber	C	2
19	Effective crypto ransomware detection using hardware performance counters	J Podolanko	1	2019	Master Thesis, UT Arlington	n/a	1
20	Extracting ransomware's keys by utilizing memory forensics	P Bajpai	1	2020	Doctoral Thesis	n/a	1
21	Security Awareness on Ransomware Threats Detection and their Protection Techniques	M Waqas, MA Khuhro, U Saeed, K Kumar et al.	5	2021	International Journal of Advanced Computer Science and Applications	D	1
22	Forensic Analysis of Cryptocurrency-Based Ransomware Attacks: Criminal Justice and Technical Perspectives	A Alghamdi	1	2025	Research paper	n/a	1
23	Host Security Technology	SJ Nielson	1	2023	Discovering Cybersecurity: A Technical Introduction (book	n/a	1
24	Predictors of Ransomware from Binary Analysis	A Otis	1	2019	Master Thesis, Cal Poly	n/a	1
25	An identification and analysis of forensic artefacts of fileless malware abusing PowerShell	N Dobiasch	1	2019	Master Thesis, Technikum-Wien	n/a	1
26	Crypto-Ransomware Early Detection Framework Using Machine Learning Approach	WZA Zakaria, NMKM Alta, MF Abdollah, O Abdollah et al.	5	2022	International Journal of Computer Science	n/a	1

Total 51

Idx.	Titlu citare	Autori	Număr autori	An public are	Conferință/Revistă/Carte/Lucrare	Clasifi care	Punctaj aferent citării
1	Advanced Persistent Threats Based on Supply Chain Vulnerabilities: Challenges, Solutions, and Future Directions	Z Tan, SP Parambath et al.	4	2025	IEEE Internet of Things Journal	A	2.66667
2	Software supply chain: review of attacks, risk assessment strategies and security controls	B Gokkaya, L Aniello, B Halak	3	2023	arXiv preprint arXiv:2305.14157	n/a	0.33333
3	BlockSense: Towards trustworthy mobile crowdsensing via proof-of-data blockchain	J Huang, L Kong, L Cheng, HN Dai et al.	5	2022	IEEE Transactions on Mobile Computing	A*	2.66667
4	SoK: A Defense-Oriented Evaluation of Software Supply Chain Security	EA Ishgair, MS Melara, S Torres-Arias	3	2024	arXiv preprint arXiv:2405.14993	n/a	0.33333
5	TEE-based decentralized recommender systems: The raw data sharing redemption	A Dhasade, N Dresevic et al.	4	2022	IEEE International Parallel and Distributed Processing Symposium	A	2.66667
6	Software supply chain: A taxonomy of attacks, mitigations and risk assessment strategies	B Gokkaya, L Aniello, B Halak	3	2026	Journal of Information Security and Applications, Elsevier	B	1.33333
7	Fault Tolerance Enhancement in Microservices using Orchestration Process with Agile	JA Rasheedh, GN Ahmed, SHA Cader et al.	5	2024	8th International Conference on Computing Methodologies and	C	0.66667
8	Hardware-Enforced Integrity and Provenance for Distributed Code Deployments	MS Melara, M Bowman	2	2021	arXiv preprint arXiv:2106.09843	n/a	0.33333
9	Enabling Security-Oriented Orchestration of Microservices	MS Melara, M Bowman	2	2021	arXiv preprint arXiv:2106.09841	n/a	0.33333
10	Securing Mobile Devices: An Analysis of Security Subsystems and Supply Chain Risks	S Spitz, A Lawall	2	2024	SciTePress conference proceedings	D	0.33333

Total 11.6667

Articol citat: Building Deobfuscated Applications from Polymorphic Binaries - 14th International Conference on V. C. 2

Idx.	Titlu citare	Autori	Număr autori	An public are	Conferință/Revistă/Carte/Lucrare	Clasifi care	Punctaj aferent citării
1	Evaluation Methodologies in Software Protection Research - Supplemental Material	B De Sutter, S Schrittwieser, B Coppens et al.	4	2024	Technical report (supplemental material), Ghent University	n/a	1

Total 1

Articol citat: Exploring cannabinoids with enhanced binding affinity for targeting the expanded endocannabinoid system: a promising therapeutic strategy for Alzheimer's disease treatment - G. D. Stanci 12

Idx.	Titlu citare	Autori	Număr autori	An public are	Conferință/Revistă/Carte/Lucrare	Clasifi care	Punctaj aferent citării
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1	A comprehensive exploration of the multifaceted neuroprotective role of cannabinoids in Alzheimer's disease across a decade of research	P Tyrakis, C Agridi, M Kourti	3	2024	International Journal of Molecular Sciences, MDPI	A	0.8
2	Smart Drug-Delivery Approaches for Enhanced Management of Comorbid Conditions in Alzheimer's Disease	GD Stanciu, I Costachescu, C Dascalu, BI Tamba	4	2026	Life, MDPI	B	0.4
3	Exploring the impact of chronic intermittent EU-GMP certified Cannabis sativa L. therapy and its relevance in a rat model of aging	IM Tudorancea, GD Stanciu, C Solcan et al.	5	2025	Journal of Cannabis Research, Springer	B	0.4
4	Therapeutic relevance of an EU-GMP certified Cannabis sativa L. strain in a dual in vivo model of cognitive impairment and chronic neuropathic pain	I Costachescu, RM Gogu, GD Stanciu et al.	14	2026	Frontiers in Pharmacology	A	0.8
5	Microglial cGAS-STING-TBK1 activation in paraventricular thalamus mediates sleep and emotional disturbances in lupus mice	H Yuan, Z Li, X Wang, S Zeng, C Jin, J Chen et al.	7	2025	Brain, Behavior, and Immunity, Elsevier	A*	0.8
6	Evaluation of long-term safety profile of an EU-GMP certified Cannabis sativa L. strain in a naturally aging preclinical model	GD Stanciu, I Costachescu, DC Ababei et al.	12	2025	Frontiers in Pharmacology	A	0.8
7	Targeting Pain and Depression in Alzheimer's Disease: Translational Insights and Emerging Treatments	I Costachescu, GD Stanciu, RM Gogu et al.	5	2026	Pharmaceuticals, MDPI	A	0.8
8	Beyond Conventional Pharmacotherapy: Unraveling Mechanisms and Advancing Multi-Target Strategies in	GD Stanciu	1	2025	Pharmaceuticals, MDPI	A	0.8
9	Cannabinoids in the elderly: mechanisms and perspectives. A systematic review	ΣΚ Μαγαλιού	1	2024	Master Thesis, University of Thessaly	n/a	0.1

Total 5.7

Articol citat: Therapeutic relevance of an EU-GMP certified Cannabis sativa L. strain in a dual in vivo model of cognitive impairment and chronic neuropathic pain - Frontiers in Pharmacology, vol. 17, art. 1761426, 2026				I. Costachescu,	14		
Idx.	Titlu citare	Autori	Număr autori	An publicare	Conferință/Revistă/Carte/Lucrare	Clasificare	Punctaj aferent citării
1	Targeting Pain and Depression in Alzheimer's Disease: Translational Insights and Emerging Treatments	I Costachescu, GD Stanciu, RM Gogu et al.	5	2026	Pharmaceuticals, MDPI	A	0.66667

Total 0.66667

Articol citat: Evaluation of long-term safety profile of an EU-GMP certified Cannabis sativa L. strain in a naturally aging preclinical model - Frontiers in Pharmacology, vol. 16, art. 1716366, 2025				G. D. Stanci	12		
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Idx.	Titlu citare	Autori	Număr autori	An publicare	Conferință/Revistă/Carte/Lucrare	Clasificare	Punctaj aferent citării
1	Smart Drug-Delivery Approaches for Enhanced Management of Comorbid Conditions in Alzheimer's Disease	GD Stanciu, I Costachescu, C Dascalu, BI Tamba	4	2026	Life, MDPI	B	0.4

Total 0.4

Articol citat: Supply chain malware targets SGX: Take care of what you sign - 38th IEEE Symposium on Reliable Distributed Systems (SRDS), p. 52-60, 2019

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Idx.	Titlu citare	Autori	Număr autori	An publicare	Conferință/Revistă/Carte/Lucrare	Clasificare	Punctaj aferent citării
1	KASLR: Break it, fix it, repeat	C Canella, M Schwarz, M Haubenwallner et al.	5	2020	Proceedings of the 15th ACM ASIACCS	A	2.66667
2	Montsalvat: Intel SGX shielding for GraalVM native images	P Yuhala, J Ménétrey, P Felber, V Schiavoni et al.	5	2021	Proceedings of the 22nd International Middleware	A	2.66667
3	To Share or Hide: Confidential Model Compilation as a Service with Privacy-Preserving Transparency	K Qin, D Gu	2	2024	43rd International Symposium on Reliable Distributed Systems (SRDS)	A	2.66667
4	Enhancing security and performance in trusted execution environments	P Yuhala	1	2024	Doctoral Thesis, University of Neuchâtel	n/a	0.33333
5	Distributed systems and trusted execution environments: Trade-offs and challenges	RP Pires	1	2020	arXiv preprint arXiv:2001.09670	n/a	0.33333
6	Systems Support for Trusted Execution Environments	B Trach	1	2022	Doctoral Thesis, TU Dresden	n/a	0.33333
7	Distributed systems and trusted execution environments: trade-offs and challenges (Neuchâtel version)	R Pereira Pires	1	2020	Doctoral Thesis, University of Neuchâtel	n/a	0.33333
8	Securing Mobile Devices: An Analysis of Security Subsystems and Supply Chain Risks	S Spitz, A Lawall	2	2024	SciTePress conference proceedings	D	0.33333
9	Store-to-Leak Forwarding: There and Back Again	C Canella, L Giner, M Schwarz	3	2022	Technical report, TU Graz	n/a	0.33333
10	Desarrollo de Servicios Confiables en Kubernetes Utilizando	DF Ferrón, ML Feijoo, IL	5	2024	IX Jornadas Nacionales (JNIC) Spain	n/a	0.33333

Total 10.3333

Total 161.433