

Fisa de verificare a standardelor minimale stabilite prin OM 6560 / 2012

Candidat
Postul

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Nr. Crt	Domeniul activ.	Subcategoriile				Indicatori (kpi)	Numar	Punctaj
		1	2	3	4			
0						5		
1	Activitatea didactica si profesionala (A1)	Carti si capitole de carti de specialitate in edituri recunoscute		Carti, monografii, capitole ca autor	A1.1.1. internationale	25	0	0
		Material didactic/lucrari didactice		Manuale didactice	A1.1.2. nationale	20	2	40
					A1.2.1	10	1	10
Total punctaj A(1)								50
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings			A2.1	{25+ 20 * factor impact} / nr. de autori	18	161
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)			A2.2	20 / nr. de autori	5	32.33
		Proprietate intelectuala, brevete de inventie, certificate ORDA			A2.3.1	35 / nr. de autori	5	68.25
					A2.3.2	25 / nr. de autori	0	0
				Director / responsabil	A2.4.1.1	20 * ani de desfasurare	0	0
					A2.4.1.2	10 * ani de desfasurare	2	50
		Granturi/proiecte castigate prin competitie		Membri in echipa	A2.4.2.1	4 * ani de desfasurare	1	12
					A2.4.2.2	2 * ani de desfasurare	4	18
Total punctaj A(2)								341.58
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice			A3.1.1	carti, ISI	12	32
					A3.1.2	BDI	22	30.33
		Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si profesor invitat		Punctaj unic pentru fiecare activitate	A3.2.1	internationale	0	0
					A3.2.2	nationale	0	0
					A3.3.1	ISI	0	0
					A3.3.2	BDI	0	0
		Membri in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI		Punctaj unic pentru fiecare activitate	A3.3.3	nationale si internationale neindexate	0	0
							3	0
		Premii in domeniu		Punctaj unic pentru fiecare activitate	A3.4.1	Academia Romana, ASTR, academiile de ramura, premii internationale	0	0
					A3.4.2	premiile nationale in domeniu	15	0
Total punctaj A(3)								62.33

Conditii minimele AI			
Nr.	Domeniul de activitate (A)	Necesar conferențiar	Realizat
A1	Activitatea didactică / profesională (A1)	50	50,00
A2	Activitatea de cercetare (A2)	250	341,58
A3	Recunoașterea impactului activității (A3)	50	62,33
Total (A)		350	453,92

Conditii minimele obligatorii pe subcategorii		Necesar conferențiar	Realizat
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	2	2
A1.2.1-A1.2.2	Material didactic / Lucrari didactice	1	1
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	6	18
A2.4.1	Granturi/proiecte castigate prin competitie (Director/ responsabil)	1	2
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	10	34
	Factor de impact cumulat pentru publicatii	3	5,36

Vizat Decan
Prof. Dr. Ing. Liviu Miclea



Vizat Director-Departament
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Anexa: datele pentru calculul indeplinirii criteriilor

A1.1.1.-A1.1.2. Carti, monografii, capitole ca autor, internationale si nationale

Nr.	Autori	Titlu capitol / carte	Editura	Anul
1	A. Coleșa	Web-based learning (chapter), chapter in "Web-based Educational Technologies", editors I. Salomie, S. Nedevschi, K. Puzstai, pp. 5-83. ISBN: 973-686-066-3	Editura Casa Cărții de Știință, Cluj-Napoca	2000
2	A. Coleșa, I. Ignat, Z. Șomodi	Sisteme de Operare. Chestiuni teoretices, și practice. ISBN: 973-662-288-5	UTPress, Cluj-Napoca	2007

A1.2.1. Materiale didactice

1	A. Coleșa, Z. Șomodi	Proiectarea Sistemelor de Operare, îndrumător de laborator. ISBN: 973-662-179-0	UTPress, Cluj-Napoca	2005
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A2.1. Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings

Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. Autori	Punctaj	Link
1	A. Colesă, I. Ignat, and R. Opris	<i>Providing high data availability in mediogrid</i> . In Proceedings of The 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '06), pages 296-302, Timisoara, Romania, 2006. IEEE Computer Society	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCiIfTdkhIX1rWqUc&page=1&doc=17
2	A. Colesă, T. Pop, I. Ignat, and C. Ardelean	<i>Automatic and reliable distribution of data in grids over globus toolkit</i> . In Proceedings of the 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC07), pages 310-316, Timisoara, Romania, 2007. IEEE Computer Society	0.25	4	7.5	http://apps.webofknowledge.com/full_record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCiIfTdkhIX1rWqUc&page=1&doc=16

3	A. Colesa, V. Cionca, A. Tata, and I. Ignat	A meta-data enhanced file system . In Proceedings of the 3rd IEEE International Conference on Intelligent Computer Communication and Processing (ICCP07), pages 267–270, Cluj-Napoca, Romania, September 2007. IEEE	0.25	4	7.5	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&id=2&SID=2BBCilfTdkhIX1rWqUc&page=1&doc=15
4	Y. Balde, A. Colesa, and I. Ignat	An indirect hotswapping system for linux kernel modules . In Proceedings of the 3rd IEEE International Conference on Intelligent Computer Communication and Processing (ICCP07), pages 270–276, Cluj-Napoca, Romania, September 2007. IEEE	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&id=2&SID=2BBCilfTdkhIX1rWqUc&page=1&doc=14
5	K. I. Marton and A. Colesa	Glinda - grid-based distributed linda system . In Proceedings of the Ninth International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '07), pages 349–352, Timis, oara, Romania, 2007. IEEE Computer Society	0.25	2	15	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&id=24&SID=2BBCilfTdkhIX1rWqUc&page=1&doc=1
6	A. Colesa, R. Tudoran, and S. Banescu	Software random number generation based on race conditions . In Proceedings of the Tenth International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '08), pages 439–444, Timis, oara, Romania, 2008. IEEE Computer Society	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&id=2&SID=2BBCilfTdkhIX1rWqUc&page=1&doc=13
7	A. Colesa, B. Marinca, I. Ignat, and C. Ardelean	Strategies to transparently make a centralized service highly-available . In Proceedings of the 5rd IEEE International Conference on Intelligent Computer Communication and Processing (ICCP09), pages 296–302, Cluj-Napoca, Romania, 2009. IEEE Computer Society	0.25	4	7.5	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&id=2&SID=2BBCilfTdkhIX1rWqUc&page=1&doc=12

8	A. Colesa, I. Stan, and I. Ignat	<i>Transparent fault-tolerance based on asynchronous virtual machine replication</i> . In Proceedings of The 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '10), pages 442–448, Timis, oara, Romania, 2010. IEEE Computer Society	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=2BBCiIFtdkhiX1rWqUc&page=1&doc=11
9	A. Coldea, A. Colesa, and I. Ignat	<i>Orcls: Organized relationships between components of the file system for efficient file retrieval</i> . In Proceedings of The 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '10), pages 434–441, Timis, oara, Romania, 2010. IEEE Computer Society	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=2BBCiIFtdkhiX1rWqUc&page=1&doc=10
10	A. Colesa and I. Stan	<i>Improving the responsiveness of replicated virtualized services in case of overloaded replicas connectivity</i> . In Proceedings of The 14th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '12), pages 287 – 294, Timis, oara, Romania, 2012. IEEE Computer Society	0.25	2	15	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=2BBCiIFtdkhiX1rWqUc&page=1&doc=9
11	C. Oprisa, A. Colesa, and I. Ignat	<i>A metric for evaluating the usability of file systems</i> . In Proceedings of The 14th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '12), pages 179 – 186, Timis, oara, Romania, 2012. IEEE Computer Society	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=2BBCiIFtdkhiX1rWqUc&page=1&doc=8
12	C. Opris a, G. Cabau, and A. Colesa	<i>From Plagiarism to Malware Detection</i> . In Proceedings of The 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '13), Timis, oara, Romania, 2013. IEEE Computer Society	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=2BBCiIFtdkhiX1rWqUc&page=1&doc=6
13	A. Colesa, T. Bura, A. Pop, S. Lukacs	<i>Fast creation of shortlived virtual machines using copy-on-write RAM-disks</i> . In Automation, Quality and Testing, Robotics, 2014 IEEE International Conference on, pages 1–6. IEEE, 2014	0.25	4	7.5	http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=2BBCiIFtdkhiX1rWqUc&page=1&doc=7

14	A. Colesa, S. Lukacs, V. Topan, R. Ciocas, A. Pop	<i>for Security-Sensitive Applications</i> . In Proceedings of the 8th International Conference on Trust and Trustworthy Computing (TRUST2015), pages 300–309. Springer International Publishing, August 2015	0.25	5	6	http://apps.webofknowledge.com/full_record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCIITdkhX1rWqUc&page=1&doc=5
15	A. Lutas, S. Lukacs, A. Colesa, D. Lutas	<i>Proposed Processor xtensions for Significant Speedup of Hypervisor Memory Introspection</i> . In Proceedings of the 8th International Conference on Trust and Trustworthy Computing (TRUST2015), pages 249–267. Springer International Publishing, August 2015	0.25	4	7.5	http://apps.webofknowledge.com/full_record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCIITdkhX1rWqUc&page=1&doc=4
16	S. Lukács, A. Colesa, G. Sebestyén	<i>BITMIX: A hardware accelerated randomized symmetric encryption method</i> . In Automation, Quality and Testing, Robotics (AQTR), 2016 IEEE International Conference on, pages 1–6. IEEE, 2016	0.25	3	10	http://apps.webofknowledge.com/full_record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCIITdkhX1rWqUc&page=1&doc=3
17	D. Lutas, A. Colesa, S. Lukacs, A. V. Lutas	<i>Secure Virtual Machine for Real Time Forensic Tools on Commodity Workstations</i> . In International Conference for Information Technology and Communications, pages 193–208. Springer International Publishing, 2016	0.25	4	7.5	http://record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCIITdkhX1rWqUc&page=1&doc=2
18	A. Lutas, A. Colesa, S. Lukacs, D. Lutas	<i>U-HIPE: hypervisor-based protection of user-mode processes in Windows</i> . Journal of Computer Virology and Hacking Techniques, on-line September 2015, published February 2016	1.11	4	11.8	http://record.do?product=WOS&searchmode=GeneralSearch&qid=2&SID=2BBCIITdkhX1rWqUc&page=1&doc=1
Factor impact cumulat			5.36			
Total punctaj A2.1.					161	

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autori	Punctaj	Link
1	C. Ardelean, A. Colesa, B. Iancu, I. Ignat, A.	Comparison Between Ipv4 and Ipv6 Using ICMP and FTP Protocols . Automation, Computers, Applied Mathematics (ACAM), pages 47–54, 2009	Mathematical Reviews	5	4.00	http://acam.tucn.ro/pdf/ACAM18%281%292009.pdf
2	A. Colesa and M. Bica	An adaptive virtual machine replication algorithm for highly-available services . In Proceedings of the Federated Conference on Computer Science and Information Systems (FedCSIS'11), pages 941–948, Szczecin, Poland, 2011. IEEE Computer Society	Scopus, IEEE Xplore	2	10.00	http://ieeexplore.ieee.org/abstract/document/6078228/
3	A. Colesa, A. Coldea, and I. Ignat	Flexible organization in the orafs relational file system for efficient file searching . Scalable Computing: Practice and Experience. Scientific International Journal for Parallel and Distributed Computing, 12(1), March 2011	Scopus, DBLP	3	6.67	https://www.scpe.org/index.php/scpe/article/view/689
4	C. Oprisa, G. Cabau, and A. Colesa	Automatic code features extraction using bio-inspired algorithms . Journal of Computer Virology and Hacking Techniques, pages 1–12, November 2013	Scopus, Springerlink	3	6.67	http://link.springer.com/article/10.1007/s11416-013-0191-6
5	A. Colesa, S. Lukacs, V. Topan, R. Ciocas	Server-Triggered Trusted User Confirmation of Transactions Performed on Remote Sites . Automation, Computers, Applied Mathematics (ACAM), pages 1–11, 2015	Mathematical Reviews	4	5.00	http://acam.tucn.ro/pdf/ACAM_23%282014%29no1.pdf

Total punctaj A2.2.

32.33



Anexa: datele pentru calculul indeplinirii criteriilor

A2.3. Proprietate intelectuală, brevete de invenție (1. internaționale/ 2. naționale)

Nr.	Tip: nat / internațional	Titlu brevet	Punctaj / tip proiect		Autori	Punctaj	Link	Înregistrat USPTO
1	Internațional	Bare-metal computer security appliance (Patent US9383934 B1, S. Lukacs, A. Colesa)	35		2	17.50	https://www.google.com/patents/US9383934	http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=/netahtml/PTO/search-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN/9383934
2	Internațional	Below-OS Security Solution for Distributed Network Endpoints (Patent US9319380 B2, S. Lukacs, A. Colesa)	35		2	17.50	https://www.google.com/patents/US9319380	http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=/netahtml/PTO/search-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN/9319380
3	Internațional	Enabling a Secure Environment Through Operating System Switching (PATENT US 20150143362 A1, S. Lukacs, R. Ciocas, V. Topan, A. Colesa, R. Tosa)	35		5	7.00	https://www.google.ro/patents/US9563457	http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=/netahtml/PTO/search-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN/9563457

4	International	Strongly Isolated Malware Scanning Using Secure Virtual Containers (Patent US9117081 B2, S. Lukacs, C. Sirb, D. Lutas, A. Colesal)	35	4	8.75	https://www.google.com/patents/US9117081	http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HTOFF&pd=1&u=/netahtml/PTO/search-bool.html&r=1&f=G&l=50&d=PALL&Refsrch=yes&Query=PN/9117081
5	International	Systems and methods for batch processing of samples using a bare-metal computer security appliance (PATENT US 9507939 B1, S. Lukacs, A. Colesal)	35	2	17.50	https://www.google.ro/patents/US9507939	http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HTOFF&pd=1&u=/netahtml/PTO/search-bool.html&r=1&f=G&l=50&d=PALL&Refsrch=yes&Query=PN/9507939

TOTAL punctaj A2.3

68.25

Anexa: datele pentru calculul îndeplinirii criteriilor

A2.4.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect

Nr.	Tip	Denumire proiect	Perioada	Nr. Ani	Punctaj	Obs
1	național	Studiu de fezabilitate și design software pentru subsistemul software de asigurare a disponibilității serviciilor software in Cloud	2014-2015	1	10	Ministerul Român al Educației, Cercetării, Tineretului și Sportului, Proiectul inovativ POSCCE/SMIS 49752
2	național	Evaluare domeniu de cercetare, cercetare exploratorie și dezvoltare software demonstrativ în domeniul securității informatice pe sistemele de operare Windows cu tehnologii de securitate bazate pe virtualizare hardware Intel	2013-2017	4	40	Proiect cu terții. Contract UTCN-Bitdefender nr. 44/24.05.2013 (cu 4 acte aditionale de prelungire)

Total punctaj A2.4.1

50

A2.4.2. Granturi/proiecte castigate prin competitie: membru in echipa

Nr.	Tip	Denumire proiect	Perioada	Nr. Ani	Punctaj	Obs
1	International	Initiative for Globus in Europe (IGE)	2010-2013	3	12	European FP7
2	Național	MEDIOGRID – sistem de prelucrare paralelă și distribuită în GRID a datelor geografice și de mediu	2005-2008	3	6	19CEEX-103
3	Național	Dezvoltarea unor strategii noi de organizare flexibilă și regăsire rapidă a datelor în sistemele de fișiere	2007-2008	2	4	CNCSIS Grant 24/2007 CNCSIS (Tip A)
4	Național	Research for Curricula Update with Microsoft Technologies	2003-2004	2	4	Grant 2003-177 from Microsoft Research
5	Național	Infrastructura software de programare orientată obiectual	1999-2000	2	4	CNCSIS Grant 33830/1998

Total punctaj A2.4.1

30



Anexa: datele pentru calculul indeplinirii criteriilor

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)

Nr.	Articol citat	Articol care citeaza	Numar aut Punctaj
1	Providing high data availability in mediogrid. In Proceedings of The 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '06), pages 296–302, Timisoara, Romania, 2006. IEEE Computer Society	MedioGrid: A grid-based platform for satellite image processing http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=1&SID=S2aIAVQR1d4Zjhj6QN4H&page=1&doc=2	3 2.67
2		Fault-Tolerant Scheduling Framework for MedioGRID System http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=8&SID=S2aIAVQR1d4Zjhj6QN4H&page=1&doc=1	3 2.67
3		Satellite image processing on computational grids http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=12&SID=S2aIAVQR1d4Zjhj6QN4H&page=1&doc=4	3 2.67
4		Grid Service for Environmental Data Retrieval and Disasters Detection Based on Satellite Image Analysis http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=15&SID=S2aIAVQR1d4Zjhj6QN4H&page=1&doc=1	3 2.67
5	Software random number generation based on race conditions. In Proceedings of the Tenth International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '08), pages 439–444, Timis, oara, Romania, 2008. IEEE Computer Society	Generation and testing of random numbers for cryptographic applications http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=21&SID=S2aIAVQR1d4Zjhj6QN4H&page=1&doc=1	3 2.67
6		Unpredictable Random Number Generator Based on the Performance Data Helper Interface http://apps.webofknowledge.com/Search.do?product=UA&SID=S2aIAVQR1d4Zjhj6QN4H&search_mode=GeneralSearch&prID=4c8bbe6f6-6822-4e31-9d69-3e4f62e3d360	3 2.67
7	Transparent fault-tolerance based on asynchronous virtual machine replication. In Proceedings of The 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '10), pages 442–448, Timis, oara, Romania, 2010. IEEE Computer Society	Towards a Taxonomy of Cloud Recovery Strategies http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1Hfh57qR3tnG7U2i2g&search_mode=GeneralSearch&prID=dcf1ef03-5600-4d56-b162-fe7e571c2841	3 2.67

8	An adaptive virtual machine replication algorithm for highly-available services. In Proceedings of the Federated Conference on Computer Science and Information Systems (FedCIS'11), pages 941–948, Szczecin, Poland, 2011. IEEE Computer Society	Evaluation of a Tenant Level Checkpointing Technique for SaaS Applications http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1Hfh57qR3tnG7U2I2g&search_mode=GeneralSearch&prID=dfa41637-60e7-4042-bb86-fce6a38958fd	3	2.67
9	From Plagiarism to Malware Detection. In Proceedings of The 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC'13), Timis, oara, Romania, 2013. IEEE Computer Society	Autonomous Management of Virtual Machine Failures in IaaS Using Fault Tree Analysis http://link.springer.com/chapter/10.1007/978-3-319-14609-6_14	2	4.00
10	Fast creation of shortlived virtual machines using copy-on-write RAM-disks. In Automation, Quality and Testing, Robotics, 2014 IEEE International Conference on, pages 1–6. IEEE, 2014	Improving Similarity Measure for Java Programs Based on Optimal Matching of Control Flow Graphs http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1Hfh57qR3tnG7U2I2g&search_mode=GeneralSearch&prID=ddd0834-9fd2-4e74-9480-d2649c11c47f	3	2.67
11	U-HIPE: hypervisor-based protection of user-mode processes in Windows. Journal of Computer Virology and Hacking Techniques, online September 2015, published February 2016	Semi-automated verdicts assignment for potentially malicious programs http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1Hfh57qR3tnG7U2I2g&search_mode=GeneralSearch&prID=7c8e16bb-bfb5-4efd-b607-0492e0d1e975	4	2.00
12	Hardware assisted hypervisor introspection http://apps.webofknowledge.com/Search.do?product=WOS&SID=S1Hfh57qR3tnG7U2I2g&search_mode=GeneralSearch&prID=25166358-5c93-4322-b2be-0456641fbadb		4	2.00

Total punctaj A3.1.1.

32.00

A3.1.2. Citari in carti, reviste si volume ale unor manifestari stiintifice (BDI)

Nr.	Articol citat	Articol care citeaza	Numar aut Punctaj	Punctaj
1	Providing high data availability in mediogrid. In Proceedings of The 8th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC'06), pages 296–302, Timisoara, Romania, 2006. IEEE Computer Society	Satellite image processing on a Grid-based platform http://computingonline.net/archive/1/C_2008_07_2_07.pdf	3	1.33

2		A view on fault tolerant techniques applied for mediogrid http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.101.1892&rep=rep1&type=pdf	3	1.33
3		Land-Cover Classification on Computational Grids http://www.naun.org/multimedia/NAUN/computers/ijcomputers-4.pdf	3	1.33
4		Infrastructures and services for remote sensing data production management across multiple satellite data centers http://link.springer.com/article/10.1007/s10586-016-0577-6	3	1.33
5	Automatic and reliable distribution of data in grids over globus toolkit. In Proceedings of the 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC'07), pages 310-316, Timisoara, Romania, 2007. IEEE Computer Society	Adaptive checkpoint replication for supporting the fault tolerance of applications in the grid http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4579677	4	1.00
6		GAMS: A New Grid Application Management System http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.ieee-000005677693	4	1.00
7	A meta-data enhanced file system. In Proceedings of the 3rd IEEE International Conference on Intelligent Computer Communication and Processing (ICCP'07), pages 267-270, Cluj-Napoca, Romania, September 2007. IEEE	Techniques for file system searching http://www.freepatentsonline.com/8037113.html	4	1.00
8	Glinda - grid-based distributed linda system. In Proceedings of the Ninth International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '07), pages 349-352, Timis, oara, Romania, 2007. IEEE Computer Society	Introducing the concept of customizable structured spaces for agent coordination in the production automation domain http://dl.acm.org/citation.cfm?id=1558100	2	2.00
9	Software random number generation based on race conditions. In Proceedings of the Tenth International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '08), pages 439-444, Timis, oara, Romania, 2008. IEEE Computer Society	Stationarity Enforcement of Accelerator Based TRNG by Genetic Algorithm http://ieeexplore.ieee.org/document/7345400/	3	1.33
10		The AGI Containment Problem http://link.springer.com/chapter/10.1007/978-3-319-41649-6_6	3	1.33
11		Ensuring Quality of Random Numbers from TRNG: Design and Evaluation of Post-Processing Using Genetic Algorithm http://www.scirp.org/journal/PaperInformation.aspx?paperID=65372	3	1.33

12	Transparent fault-tolerance based on asynchronous virtual machine replication. In Proceedings of The 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '10), pages 442–448, Timis, oara, Romania, 2010. IEEE Computer Society	Method and apparatus for synchronization in primary-backup replication schemes https://www.google.com/patents/US20130173876	3	1.33
13		ASYNCHRONOUS VIRTUAL MACHINE REPLICATION https://www.google.com/patents/US9253100	3	1.33
15	Orctis: Organized relationships between components of the file system for efficient file retrieval. In Proceedings of The 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '10), pages 434–441, Timis, oara, Romania, 2010. IEEE Computer Society	Building an E-Contract Management System Using Google Docs http://cs-gw.utcluj.ro/~adrian/papers/2011V/sinanGroza.pdf	3	1.33
16	An adaptive virtual machine replication algorithm for highly-available services. In Proceedings of the Federated Conference on Computer Science and Information Systems (FedCSIS'11), pages 941–948, Szczecin, Poland, 2011. IEEE Computer Society	Replication: A Technique for Scalability in Cloud Computing http://search.proquest.com/openview/f040ea782948f325bde6150282bcdb1d/1?pq-origsite=gscholar	2	2.00
17		A Scalable Network Architecture using Replication in Virtual Environment http://serialsjournals.com/serialjournalmanager/pdf/1476860026.pdf	2	2.00
18	Flexible organization in the orctis relational file system for efficient file searching. Scalable Computing: Practice and Experience. Scientific International Journal for Parallel and Distributed Computing, 12(1), March 2011	A Complete Bibliography of Scalable Computing: Practice and Experience ftp://ctan.math.utah.edu/public_html/public_html/text-archive/support/mctex/tex/bib/scpe.pdf	3	1.33
19	From Plagiarism to Malware Detection. In Proceedings of The 15th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC '13), Timis, oara, Romania, 2013. IEEE Computer Society	A framework for automated similarity analysis of malware http://spectrum.library.concordia.ca/978935/	3	1.33
20	Automatic code features extraction using bio-inspired algorithms. Journal of Computer Virology and Hacking Techniques, pages 1–12, November 2013	A loop splitting method for single loops with non-uniform dependences http://link.springer.com/article/10.1007/s11416-014-0208-9	3	1.33
21	U-HiPE: Hypervisor-based protection of user-mode processes in Windows. Journal of Computer Virology and Hacking Techniques, online September 2015, published February 2016	PMCAP: A Threat Model of Process Memory Data on the Windows Operating System https://www.hindawi.com/journals/scn/2017/4621587/abs/	4	1.00
22		Detect Kernel-Mode Rootkits via Real Time Logging & Controlling Memory Access https://arxiv.org/abs/1705.06784	4	1.00

23	Below-OS Security Solution for Distributed Network Endpoints (Patent US9319380 B2, S. Lukacs, A. Colesa)	Schedule for access to shared wireless medium based on profile data https://www.google.com/patents/US20160007266	2	2.00
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