

Lista de Publicații

Score total: 50 [minimal 32]

Score A+B: 28 [minimal 16]

	ARTICOL		
1.	S.Tabirca, L.T. Yang, T. Tabirca (2015) Fire Hazard Safety Optimization, Procedia Computer Science, Volume 51, 2015, International Conference On Computational Science, ICCS 2015. Pages 2759–2763. url: https://www.sciencedirect.com/science/article/pii/S1877050915012338?via%3Dihub Note: Type A conference. IF = 0.883 SRJ = 0.569	A	8
2.	T.Tabirca, S.Tabirca, L. Freeman, L.T. Yang (2003) An $O(p+\log p)$ Algorithm for the Discrete FDGLS, Proceedings of The 2003 International Conference on Parallel Processing Workshops, ICPP-HPSECA 2003, Taiwan, pp.164-170. url: https://ieeexplore.ieee.org/document/1240367 Note: Workshop in a Type A conference.	B	2
3.	T.Tabirca, S.Tabirca, L. Freeman, S.Tabirca, T. Yang (2003) Static Workload Balance Scheduling Algorithm; Continuous Case, Proceedings of The 17th International Parallel and Distributed Processing Symposium, IPDPS 2003, Nice, France, pp. url: https://ieeexplore.ieee.org/document/1213455 Note: Type A conference.	A	4
4.	T.Tabirca, L Freeman, S.Tabirca, T. Yang, A Static Workload Balance Scheduling Algorithm, Proceedings of The 2002 International Conference on Parallel Processing Workshops, The 2 nd Workshop on Parallel and Distributed Scientific and Engineering Computing with Applications (PDSECA 2002), San Francisco, USA, pp. 235-239. url: https://ieeexplore.ieee.org/document/1039735 Note: Workshop in a Type A conference.	B	2
5.	T.Tabirca, S.Tabirca, L Freeman, T. Yang, Feedback Guided Dynamic Loop Scheduling; A Theoretical Approach, Proceedings of The 2001 International Conference on Parallel Processing Workshops, The 3 rd	B	2

	Workshop on High Performance Scientific and Engineering Computing with Applications (HPSECA 2001), 2001, Valencia, Spain, pp. 115-121. url: https://ieeexplore.ieee.org/document/951913 Note: Workshop in a Type A conference.		
6.	T. Tabirca, S. Tabirca and L. T. Yang (2006) An $O(\log p)$ Algorithm of the Discrete FGDLS Method, Proceedings of AINA 2006, April 2006, Viena, pp 321-326. url: https://ieeexplore.ieee.org/document/1620211 Note: Type B conference.	B	4
7.	S.Tabirca, T.Tabirca, L.Yang (2005) Convergence of the Discrete FGDLS Algorithm, Proceedings of the 2005 International Conference on High Performance Computing and Communications, Naples, Italy, September 2005, LNCS , pp. 233-244. url: https://link.springer.com/chapter/10.1007/11557654_29 Note: Type B conference. IF = 1.086 SRJ = 0.407	B	4
8.	T.Tabirca, L.Freeman, S.Tabirca and L.T.Yang (2004) Feedback Dynamic Loop Scheduling; Convergence of the Continuous Case, Journal of Supercomputing, , vol 30, October 2004, pp. 151-178. https://link.springer.com/article/10.1023/B%3ASUPE.0000040613.43581.53 Note: The journal is classified as yellow IF = 2.423 SRJ = 0.727	B	2
9.	T. Tabirca, K. N. Brown and C. J. Sreenan, "A Dynamic Model for Fire Emergency Evacuation Based on Wireless Sensor Networks," 2009 Eighth International Symposium on Parallel and Distributed Computing, 2009, pp. 29-36 url: https://ieeexplore.ieee.org/abstract/document/5284375?casa_token=NT3ubJxSJJUAAAAA:54vwPg5wupqUrPKbqLgvqHXqwY-02Jfhw7iFlmT_gUkieKgIAct-pgOa1V7FPW4KxmKfPtoKcw Note: Type C conference	C	2

10.	Tatiana Tabirca, Laurence Yang, Sabin Tabirca, Centrality Indices Computation in Dynamic Networks, The 12th IEEE International Conference on Computer and Information Technology (CIT 2012), October 2012. Chengdu, Sichuan, China, pp. 202-208. url: https://ieeexplore.ieee.org/document/6391899 Note: Type C conference	C	2
11.	S. Tabirca, T. Tabirca and L. T. Yang (2006) A convergence study of the discrete FGDLS algorithm, IEICE Transactions on Information and Systems, 2006, vol. E89D, Nr.2, pp.673-678. (Selected from HPCC 2005). url: https://search.ieice.org/bin/summary.php?id=e89-d_2_673&category=D&lang=E&year=2006 IF = 0.881 SRJ = 0.2	C	2
12.	S.Tabirca, T.Tabirca, L. Yang, L. Freeman (2006) Feedback Guided Dynamic Integral Partition, Proceedings of the 5th International Symposium on Parallel and Distributed Computing (ISPDC06), Timisoara, July, 2006, pp. pp. 317-322. url: https://ieeexplore.ieee.org/document/4021943 . Note: Type C conference	C	1
13.	S.Tabirca, T.Tabirca, L.T.Yang and L.Freeman (2004) Evaluation of Feedback Dynamic Loop Scheduling Algorithms, IEICE Trans. Inf & Syst., vol E87-D, no7, July 2004, pp. 1829-1833. url: https://search.ieice.org/bin/summary.php?id=e87-d_7_1829&category=D&lang=E&year=2004 IF = 0.881 SRJ = 0.2	C	1
14.	S.Tabirca, K.Reynolds, T.Tabirca and L.T.Yang (2004) Calculating the Smarandache Function in Parallel, Proceedings of the 3rd International Symposium on Parallel and Distributed Computing, July 2004, Cork, Ireland, pp. 79-82. url: https://ieeexplore.ieee.org/document/1372052 Note: Type C conference	C	1
15.	Tabirca, T., Freeman, L. and Tabirca, S (2002) A Convergence Proof of	C	2

	FGDLS When the Workload is Monotone, In Proceedings International Symposium on Parallel and Distributed Computing , ed. D. Grigoras, Alexandru Ioan Cruza University Press, Iasi, pp. 132 - 141. url:		
16.	Tabirca, T., Freeman, L. and Tabirca, S. (2002) A Theoretical Application of Feedback Guided Dynamic Loop Scheduling , In Proceedings of the NATO Advanced Research Workshop on Advanced Environments, Tools and Applications for Cluster Computing, ed. D. Grigoras, A. Nicolau, B. Tournel and B. Folliot, Lecture Notes in Computer Science, vol. 2326, pp. 287 - 292, Springer-Verlag, Berlin ISBN 3-540-43672-3. url: https://link.springer.com/chapter/10.1007/3-540-47840-X_30 IF = 1.086 SRJ = 0.407 Note: Springer LNCS volume	C	2
17.	Tabirca, T.M., Brown, K.N. & Sreenan, C.J. Snapshot Centrality Indices in Dynamic FIFO Networks. J Math Model Algor 10, pp: 371–391, 2011. Indexed Scopus. url: https://link.springer.com/article/10.1007/s10852-011-9163-3 Note: journal published in Springer SRJ = 0.363	C	2
18.	Tabirca, T., Tabirca, S., Yang, L.T., Smallest number of sensors for k-Covering International Journal of Computers, Communications and Control, 2013, 8(2), pp. 312–319. url: https://univagora.ro/iour/index.php/ijccc/article/view/311 IF = 2.293 SRJ = 0.499 Note: journal in Q3	C	2
19.	S. Tabirca, T. Tabirca, K. Reynolds and L. T. Yang, Calculating Smarandache function in parallel, Third International Symposium on Parallel and Distributed Computing, 2004, pp. 79-82. url: https://ieeexplore.ieee.org/document/1372052/ Note: Type C conference	C	1
	Tatiana Tabirca, Laurence T. Yang, Sabin Tabirca, Importance Indices in Fire Hazard Problems, ACM International Conference Proceeding Series, BCI '15: Proceedings of the 7th Balkan Conference on	C	2

	<p>Informatics Conference, September 2015, Pages 1–8, https://doi.org/10.1145/2801081.2801122</p> <p>IF = 0.55 SRJ = 0.232</p> <p>Note: Springer volume</p>		
	<p>Tatiana Tabirca, Laurence T. Yang, Sabin Tabirca, Applying the feedback guided dynamic loop scheduling method for the shortest path problem, <i>Parallel Processing Letters</i>, Volume 15, Issue 4, Pages 491 – 497, December 2005.</p> <p>https://www.worldscientific.com/doi/epdf/10.1142/S0129626405002404</p> <p>IF = 0.676 SRJ = 0.212</p> <p>Note: Scopus database</p> <p>https://www.scopus.com/record/display.uri?eid=2-s2.0-30344471111&origin=resultslist&sort=plf-f&src=s&sid=3e06407da85f8812bbe210bfcf4f6b72&sot=b&sdt=b&s=TITLE-ABS-KEY%28Applying+the+feedback+guided+dynamic+loop+scheduling+method+for+the+shortest+path+problem%29&sl=22&sessionSearchId=3e06407da85f8812bbe210bfcf4f6b72</p>	C	2
			50

Tabirca

LISTA DE CITATII

Total punctaj → 192 puncte [minimal 48]

Citatii din articole de tip A sau B → 172 puncte [minimal 12]

Nota: Au fost include doar o parte din citari.

1. **T. Tabirca**, K. N. Brown and C. J. Sreenan, "A Dynamic Model for Fire Emergency Evacuation Based on Wireless Sensor Networks," *2009 Eighth International Symposium on Parallel and Distributed Computing*, Lisbon, 2009, pp. 29-36.

120

U. Prathap, P. D. Shenoy, K. R. Venugopal and L. M. Patnaik, "Wireless Sensor Networks Applications and Routing Protocols: Survey and Research Challenges," <i>2012 International Symposium on Cloud and Services Computing</i> , Mangalore, 2012, pp. 49-56.	D	1
Marco D'Orazio, Sauro Longhib, Paolo Olivettia, Gabriele Bernardinia, Design and experimental evaluation of an interactive system for pre-movement time reduction in case of fire, <i>Automation in Construction</i> , Volume 52 April 2015 , Pages 16-28	A	8
Sitanayah, Lanny, Cormac J. Sreenan, and Kenneth N. Brown. "A hybrid MAC protocol for emergency response wireless sensor networks." <i>Ad Hoc Networks</i> 20 (2014): 77-95.	A	8
Yuanyuan Zeng, C. J. Sreenan and L. Sitanayah. "A real-time and robust routing protocol for building fire emergency applications using wireless sensor networks," <i>2010 8th IEEE International Conference on Pervasive Computing and Communications Workshops (PERCOM Workshops)</i> , 2010, pp. 358-363.	A*	12
L. -W. Chen and J. -J. Chung, "Mobility-Aware and Congestion-Relieved Dedicated Path Planning for Group-Based Emergency Guiding Based on Internet of Things Technologies," in <i>IEEE Transactions on Intelligent Transportation Systems</i> , vol. 18, no. 9, pp. 2453-2466, Sept. 2017	A	8
A hybrid IoT-based approach for emergency evacuation Al-Nabhan N. Al-Aboody N. Alim Al Islam A.B.M. (2019) <i>Computer Networks</i> , 155 , pp. 87-97.	A	8
L. -W. Chen and J. -X. Liu, "Time-Efficient Indoor Navigation and Evacuation With Fastest Path Planning Based on Internet of Things Technologies," in <i>IEEE Transactions on Systems, Man, and Cybernetics:</i>	A	8

	<i>Systems</i> , vol. 51, no. 5, pp. 3125-3135		
	L. W. Chen, J. H. Cheng and Y. C. Tseng, "Evacuation Time Analysis and Optimization for Distributed Emergency Guiding Based on Wireless Sensor Networks," <i>2012 International Conference on Connected Vehicles and Expo (ICCVE)</i> , Beijing, China, 2012, pp. 130-135.	D	1
	L. W. Chen, J. H. Cheng and Y. C. Tseng, "Optimal Path Planning With Spatial-Temporal Mobility Modeling for Individual-Based Emergency Guiding," in <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , vol. 45, no. 12, pp. 1491-1501, Dec. 2015.	A	8
	L. W. Chen, J. H. Cheng and Y. C. Tseng, "Distributed Emergency Guiding with Evacuation Time Optimization Based on Wireless Sensor Networks," in <i>IEEE Transactions on Parallel and Distributed Systems</i> , vol. 27, no. 2, pp. 419-427, Feb. 1 2016.	B	4
	A. A. Ahmed, M. Al-Shaboti and A. Al-Zubairi, "An Indoor Emergency Guidance Algorithm Based on Wireless Sensor Networks," <i>2015 International Conference on Cloud Computing (ICCC)</i> , Riyadh, 2015, pp. 1-5.	C	2
	Han, Qing, <i>Managing Emergencies Optimally Using a Random Neural Network-Based Algorithm</i> . Future Internet Vol 5(4), pp.515-534, 2013	D	1
	E. Gelenbe and Q. Han, "Near-optimal emergency evacuation with rescuer allocation," <i>2014 IEEE International Conference on Pervasive Computing and Communication Workshops (PERCOM WORKSHOPS)</i> , Budapest, 2014, pp. 314-319.	A*	12
	Yuanping LiLing FengLin QiaoYiping LiShoubin KongYu YiDaqing Zhang FireGuide: A Context-Aware Fire Response Guide for the Building Occupants, <u>European Conference on Smart Sensing and Context</u> , EuroSSC 2010: <u>Smart Sensing and Context</u> pp 1-14	D	1
	KostasKolomvatsos, KyriakiPanagidi, Stathes Hadjiefthymiades, A load balancing module for post-emergency management, <i>Expert Systems with Applications</i> , Volume 42, Issue 1 January 2015, Pages 657-667	A	8
	BERRAHAL, SARRA; BOUDRIGA, NOUREDDINE; CHAMMEM, MHAMED, Wban-Assisted Navigation for Firefighters in Indoor Environments, <i>Adhoc & Sensor Wireless Networks</i> . 2016, Vol. 33 Issue 1-4, pp. 81-119.	C	2

S. Escolar, D. Villa, F. J. Villanueva, R. Cantarero and J. C. López, "An adaptive emergency protocol for people evacuation in high-rise buildings," <i>2016 IEEE Symposium on Computers and Communication (ISCC)</i> , Messina, 2016, pp. 364-371.	B	4
J. P. Zhu, Y. L. Wang, X. X. Dong, C. Song, "Real-Time Evacuation Path: Unexpectedly Increased Numbers of Evacuees in Source Nodes", <i>Advanced Materials Research</i> , Vols. 779-780, pp. 1060-1065, 2013	D	1
S. Allali, H. Menouar and M. Benchaiba, "Grid architecture for lightweight WSN-based area monitoring and alerts dissemination," <i>2016 International Symposium on Networks, Computers and Communications (ISNCC)</i> , Yasmine Hammamet, 2016, pp. 1-7.	D	1
J. Guan, Y. Wu, J. Ma, T. Li, C. Xie and Y. Mo, "SIDES: Scalable Intelligent Distributed Emergency System," <i>2012 3rd IEEE International Conference on Network Infrastructure and Digital Content</i> , Beijing, 2012, pp. 32-38.	D	1
L. W. Chen; J. J. Chung, "Mobility-Aware and Congestion-Relieved Dedicated Path Planning for Group-Based Emergency Guiding Based on Internet of Things Technologies," in <i>IEEE Transactions on Intelligent Transportation Systems</i> , vol.PP, no.99, pp.1-14	A	8
Yue Zu and Ran Dai, <i>Distributed path planning for building evacuation guidance</i> , Cyber-Physical Systems, pp1-21, 2017	D	1
T. Yamasaki <i>et al.</i> , "Development of Prototype System Using iOS Terminals for Emergency Rescue Evacuation Support System (ERESS)," <i>2016 45th International Conference on Parallel Processing Workshops (ICPPW)</i> , Philadelphia, PA, 2016, pp. 7-15.	A	8
		120

2. Zeng, Y., Murphy, S., Sitanayah, L., **Tabirca, T.**, Truong, T., Brown, K., Sreenan, C.: Building fire emergency detection and response using wireless sensor networks. Ninth IT and T Conference, Dublin Institute of Technology, Dublin, Ireland, 22nd-23rd October, 2009. 5.6

2.1.	U. Prathap, P. D. Shenoy, K. R. Venugopal and L. M. Patnaik, "Wireless Sensor Networks Applications and Routing Protocols: Survey and Research Challenges," <i>2012 International Symposium on Cloud and Services Computing</i> , Mangalore, 2012, pp. 49-56.	D	1
2.2.	L. Chu and S. J. Wu, "An Integrated Building Fire Evacuation System with RFID and Cloud Computing," <i>2011 Seventh International Conference on Intelligent Information Hiding and Multimedia Signal Processing</i> , Dalian, 2011, pp. 17-20.	B	4

2.3.	L. Chu, "A RFID-Based Hybrid Building Fire Evacuation System on Mobile Phone," <i>2010 Sixth International Conference on Intelligent Information Hiding and Multimedia Signal Processing</i> , Darmstadt, 2010, pp. 155-158.	B	4
2.4.	Liou Chu and Shih-Jung Wu, "A real-time decision support with cloud computing based fire evacuation system," <i>The 16th North-East Asia Symposium on Nano, Information Technology and Reliability</i> , Macao, 2011, pp. 45-48.	D	1
2.5.	Heiko Will, Thomas Hillebrandt, and Marcel Kyas. 2012. Wireless sensor networks in emergency scenarios: the FeuerWhere deployment. In <i>Proceedings of the 1st ACM international workshop on Sensor-Enhanced Safety and Security in Public Spaces (SESP '12)</i> . ACM, New York, NY, USA, 9-14.	D	1
2.6.	K. Xiang and Y. Zeng, "A distributed cross-layer real-time routing in wireless sensor networks," <i>2010 2nd International Conference on Signal Processing Systems</i> , Dalian, 2010, pp. V1-59-V1-62.	D	1
2.7.	A. A. Ahmed, M. Al-Shaboti and A. Al-Zubairi, "An Indoor Emergency Guidance Algorithm Based on Wireless Sensor Networks," <i>2015 International Conference on Cloud Computing (ICCC)</i> , Riyadh, 2015, pp. 1-5.	C	2
2.8.	Y. Zeng and Guilin Zheng, "Joint power control, scheduling and real-time routing in wireless sensor networks," <i>2010 2nd International Conference on Advanced Computer Control</i> , Shenyang, 2010, pp. 357-361.	D	1
2.9.	Kim, Donghyun and Kim, Seoksoo, <i>Design of Real-Time Fire Evacuees' State Information Verification System for Fire Rescue</i> , Chapter in <i>Emerging Technologies for Information Systems, Computing, and Management</i> , pp. 863--870, Springer LNEE, volume 236	B	4
2.10	Kumar, Praveen and Ruthwik, M. and Sree, Manisha K. and Saad, Misba and Patil, Annapurna P., Implementation of an Emergency Evacuation System Using Intelligent Routing Using QualNet Simulator, <i>Proceedings of the ACM Symposium on Women in</i> pp.131—138.	D	1
2.11	D. Wu, G. Chen, C. Dong, S. Tang and H. Dai, "Simultaneous Query for Wireless Sensor Networks: A Power Based Solution," in <i>IEEE Transactions on Mobile Computing</i> , vol. 15, no. 2, pp. 475-488, Feb. 1 2016.	A	8
2.12			28

3. **T.Tabirca, S.Tabirca, L.Freeman, T. Yang, Feedback Guided Dynamic Loop Scheduling; A Theoretical Approach, Proceedings of The 3rd Workshop on High Performance Scientific and Engineering Computing with Applications (HPSECA 2001), 2001, Valencia, Spain.** 3.5

3.1	R.L.Carino, I. Banicescu, A dynamic load balancing tool for one and two dimensional parallel loops, The 5th 2006 ISPDC Proceedings, pp.107-114.	C	2
3.2	R.L.Carino, I. Banicescu, A tool for A two-level dynamic load balancing strategy in scientific applications, Scalable Computing: Practice and Experience, 2001.	D	1
3.3	D. Wangerin, Predictive Adaptive Parallelism, PhD Dissertation, University of California, Irvine, 2006.	D	1
3.4	A. Kejariwal, A. Nicolau, C.D. Polychronopoulos, Enhanced Loop Coalescing: A Compiler Technique for Transforming Non-uniform Iteration Spaces, Spriger Lecture Notes in Computer Science Volume 4759, 2008, pp 17-32.	C	2
3.5	J Li, J Zhang, The performance analysis and research of sorting algorithm based on OpenMP, Multimedia Technology (ICMT), 2011, pp. 3281-3284.	D	1

4. **T. Tabirca, S. Tabirca, An Application of the Smarandache Inferior Part Function to Loop Scheduling, Smarandache Notions Journal 12 (1-2), 2000, pp.35-46.** 11

4.1	JL Su, Z Ouyang, Y Chen, Research on agile infrastructure for collaborative manufacturing and agile supply chain, 2008 IEEE Conference on Robotics, Automation, pp. 504 – 508, 2008.	B	4
4.2	JL Su, Z Ouyang, Y Chen, The design of Agile Infrastructure for Manufacturing System in Garment Industry, 7 th World Congress on Intelligent Control and Automation, 2008, pp. 4895 – 4900.	D	1
4.3	JL Su, Z Ouyang, <u>Y Chen</u> , Design of agile infrastructure for manufacturing system with FNN based web-enabled technology solutions, Seventh International Conference on Intelligent Systems Design and Applications, ISDA 2007, pp. 79 – 83.	C	2

4.4	JL Su, Balance Scheduling Model Based FNN in Integrated Infrastructure for Agile Enterprise, Advances in Technology and Management, Springer Advances in Intelligent and Soft Computing, Springer Volume 165, 2012, pp 757-764.	C	2
4.5	JL Su, Equilibrium Discriminance Theories' Application in Integrated Infrastructure for Agile Enterprise, Advances in Technology and Management, Springer Advances in Intelligent and Soft Computing Volume 165, 2012, pp 765-773.	C	2
4.6			11

5. **T.Tabirca**, L.Freeman, S.Tabirca and L.T.Yang (2004) Feedback Dynamic Loop Scheduling; Convergence of the Continuous Case, Journal of Supercomputing, , vol 30, October 2004, pp. 151-178. 8

Indexed in: DBLP, ACM, ISI, Zentrallblat

5.1	IJ Dooley, Intelligent runtime tuning of parallel applications with control points, PhD Thesis, University of Illinois at Urbana-Champaign, 2011.	D	1
5.2	Y Wang, W Ji, F Shi, Q Zuo, N Deng, Knowledge-Based Adaptive Self-Scheduling, Network and Parallel Computing Lecture Notes in Computer Science Volume 7513, 2012, pp 22-32.	C	2
5.3	D. Wangerin, Predictive Adaptive Parallelism, PhD Dissertation, University of California, Irvine, 2006.	D	1
5.4	Y Wang, L.A Beni, A. Nicolau, A.V. Veidenbaum, R. Cammarota, A Compilation and Run-Time Framework for Maximizing Performance of Self-scheduling Algorithms, Network and Parallel Computing, Lecture Notes in Computer Science Volume 8707, 2014, pp 459-470.	C	2
5.5	J Meng, J Yuan, J Cheng, Y Wei, S Feng, DGraph: Algorithms for Shotgun Reads Assembly Using De Bruijn Graph, Network and Parallel Computing, Lecture Notes in Computer Science Volume 7513, 2012, pp 14-21.	C	2

6. D. Power S.Tabirca, **T.Tabirca** A Java Concurrent Program for the Smarandache's function, Smarandache Notions Journal, Vol.13, No.1-2-3, 2002, pp.72-84, ISSN 1084-2810.

14

6.1	N Shekhar, P Kalla, F Enescu, Equivalence verification of arithmetic datapaths with multiple word-length operands, Proceedings of Design, Automation and Test in Europe, 2006. DATE '06, 2006.	B	4
6.2	S Gopalakrishnan, P Kalla, Optimization of polynomial datapaths using finite ring algebra, ACM Transactions on Design Automation of Electronic Systems, Volume 12 Issue 4, September 2007.	B	4
6.3	S Gopalakrishnan,, P Kalla, F Enescu, Optimization of Arithmetic Datapaths with Finite Word-Length Operands, . Asia and South Pacific Conference on Design Automation Conference, 2007, pp. 511 – 516.	C	2
6.4	S. Varadarajan, H. Wang, P. Miller and H. Zhou, "Regularised region-based Mixture of Gaussians for dynamic background modelling," 2014 11th IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS), 2014, pp. 19-24.	B	4
			14

7. S.Tabirca, **T.Tabirca**, L.Yang (2005) Convergence of the Discrete FGDLS Algorithm, Proceedings of the **2005 International Conference on High Performance Computing and Communications, Naples, Italy, September 2005, LNCS , pp. 233-244.** 6

7.1	WC Shih, <u>CT Yang</u> , SS Tseng, <u>A performance-based parallel loop scheduling on grid environments</u> , <u>The Journal of Supercomputing</u> , 2007, Volume 41, <u>Issue 3</u> , pp 247-267.	C	2
7.2	CC Wu, <u>CT Yang</u> , KC Lai, PH Chiu, <u>Designing parallel loop self-scheduling schemes using the hybrid MPI and OpenMP programming model for multi-core grid systems</u> . <u>The Journal of</u>	C	2

Tabirca

	<u>Supercomputing</u> , 2012, Volume 59, Issue 1, pp 42-60.		
7.3	WC Shih, CT Yang, TT Chen, SS Tseng, <u>Performance-based workload distribution on grid environments</u> , <u>Advances in Grid and Pervasive Computing, Lecture Notes in Computer Science Volume 4459</u> , 2007, pp 385-396.	C	2

8. T. Tabirca, S. Tabirca and L. T. Yang (2006) An $O(\log p)$ Algorithm of the Discrete FGDLs Method, Proceedings of AINA 2006, April 2006, Viena, pp 321-326. 16

8.1	Y HAN, AT CHRONOPOULOS, <u>DISTRIBUTED LOOP SCHEDULING SCHEMES FOR CLOUD SYSTEMS</u> , 2013 IEEE 27TH INTERNATIONAL PARALLEL AND DISTRIBUTED PROCESSING SYMPOSIUM, 2013 PP. 955 - 962	A	8
8.2	Y Han, AT Chronopoulos, <u>Scalable Loop Self-Scheduling Schemes Implemented on Large-Scale Clusters</u> , 2013 IEEE 27th International Parallel and Distributed Processing Symposium, 2013	A	8

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9. S.Tabirca, T.Tabirca, L. Freeman, L.T. Yang (2003) A Static Scheduling Algorithm for Workload Balancing, Information: International Journal, Vol. 6, No.3, pag 218-229, III Press, Japan.

9.1	Z Wang, H Chen, Y Fu, D Liu, Y Ban, <u>Workload balancing and adaptive resource management for the swift storage system on cloud</u> , <u>Future Generation Computer Systems</u> , 2014, [in Press].	A	8
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10. S.Tabirca, T.Tabirca, L.T.Yang and L.Freeman (2004) Evaluation of Feedback Dynamic Loop Scheduling Algorithms, IEICE Trans. Inf & Syst., vol E87-D, no7, July 2004, pp. 1829-1833.
Indexed in: DBLP, ISI

10.1	<p>M Korch, T Raube, <u>Applicability of load balancing strategies to data-parallel embedded runge-kutta integrators</u>, <u>Euro-Par 2006 Parallel Processing</u> <u>Lecture Notes in Computer Science Volume 4128, 2006, pp 720-729.</u></p>	A	8
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192.1

Tabirca

Evaluare Performanta Academica

Total punctaj peste 45 puncte [necesar 36 puncte]

1. Carti / Capitole → 5

Contributie	Tip	Score
E.Ciurea, T.Tabirca , S.Tabirca , Algoritmi – Metode de elaborare [Algorithms], “Transilvania” University Press, Brasov, 1997, ISBN 973-96505-8-9. 250 pages	D	2
S.Tabirca , T.Tabirca, M.Paun, Sisteme de operare – Indrumar de laborator [Operating Systems, Labs Notes], Reprography of “Transilvania” Univ of Brasov, 1995.	E	1
T.Tabirca, E.Ciurea, S.Tabirca , Programarea calculatoarelor – <i>MS-FORTRAN</i> [Programming in <i>MS-FORTRAN</i>], Reprography of “Transilvania” Univ of Brasov, 1995.	E	1
S.Tabirca E.Ciurea, T.Tabirca, Grafuri – Indrumar de laborator [Graphs, Labs Notes], Reprography of “Transilvania” Univ of Brasov, 1994.	E	1
		5

2. Coordonator / Investigator Proiecte de cercetare → 16

Project	Funding Agency	Amount	Scor
Efficient Scheduling Methods Sept 2003-Sept2005 Director de program / Principal Investigator	Boole Centre for Research in Informatics @ UCC	€120,000.0	6
Webcom-G: Middleware to Hide the Grid Sept 2005 -March 2006 Investigator / Researcher	Center for Unified Computing @ UCC	€1.5 mil	5
Modele matematice pentru retele mobile dinamice [Investigator]	Connect research centre	€9 mil	5
			16

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3. Cercetator la o Universitate din top 300 → 24 puncte

Am lucrat ca cercetator la University College Cork, care este o universitate de top 300, timp de 7 ani.