

Emilia Tantar – Total punctaj standarde minime:

56,5+98,6+81,79= **236,89p**

Producția științifică (Perspectiva b)

Total punctaj productia sttintifica: 56,5p (dintre care 53,3p obtinute in forumuri de categorie A).

Index	Punctaj	Categorie	Nume Conferinta/Jurnal/workshop	#Autori	An	Nume articol	Autori
1	2,66	A	Evolutionary computation	5	2007	Computing Gap Free Pareto Front Approximations with Stochastic Search Algorithms.	Oliver Schütze , Marco Laumanns , Emilia Tantar, Carlos A. Coello Coello , El-Ghazali Talbi :
2	4	A	IEEE Transactions on Antennas and Propagation	4	2011	Sparse antenna array optimization with the cross-entropy method .	Pierre Minvielle, Emilia Tantar, Alexandru-Adrian Tantar, Philippe Bérisset
3	8	A	GECCO	3	2014	Asymmetric quadratic landscape approximation model.	Alexandru-Adrian Tantar , Emilia Tantar, Oliver Schütze
4	8	A	IEEE CEC	3	2011	On dynamic multi-objective optimization, classification and performance measures	Emilia Tantar, Alexandru-Adrian Tantar , Pascal Bouvry
5	4	A	IEEE CEC	3	2008	A priori landscape analysis in guiding interactive multi-objective metaheuristics.	Emilia Tantar, Clarisse Dhaenens , José Rui Figueira , El-Ghazali Talbi

6	4	A	GECCO	4	2008	Computing finite size representations of the set of approximate solutions of an MOP with stochastic search algorithms.	Oliver Schütze , Carlos A. Coello Coello , Emilia Tantar, El-Ghazali Talbi
7	2,6 6	A	GECCO	5	2007	Convergence of stochastic search algorithms to gap-free pareto front approximations.	Oliver Schütze , Marco Laumanns , Emilia Tantar, Carlos A. Coello Coello , El-Ghazali Talbi
8	4	A	GECCO (Companion)	2	2014	A survey on sustainability in ICT: a computing perspective	Alexandru-Adrian Tantar , Emilia Tantar
9	4	A	GECCO (Companion)	3	2011	A classification of dynamic multi-objective optimization problems.	Alexandru-Adrian Tantar , Emilia Tantar, Pascal Bouvry
10	4	A	GECCO (Companion)	3	2011	Load balancing for sustainable ICT.	Alexandru-Adrian Tantar , Emilia Tantar, Pascal Bouvry
11	4	A	IPDPS Workshop	3	2011	On the Resilience of [Distributed] EAs against Cheaters in Global Computing Platforms.	Sébastien Varrette , Emilia Tantar, Pascal Bouvry
12	0,5	D	OMAE	4	2012	Application of a particle filter-based subset simulation to the reliability assessment of a marine structure, 31th International Conference on Ocean, Offshore and Arctic Engineering,	Z. Guede, A. Tantar, E. Tantar, P. Del Moral,
13	1	D	EVOLVE, Studies in Computational	3	2013	On the Foundations and the Applications of Evolutionary Computing	Pierre Del Moral , Alexandru-Adrian Tantar , Emilia Tantar:

			Intelligence , Springer				
14	0,3 3	D	EVOLVE, Advances in Intelligent Systems and Computing , Springer	5	2014	Cognition: a tool for reinforcing security in Software Defined Networks	Emilia Tantar , Maria Rita Palattella , Tigran Avanesov , Mirosław Kantor and Thomas Engel
15	0,5	D	EVOLVE, Advances in Intelligent Systems and Computing , Springer	4	2014	Application of Cognitive Techniques to Network Management and Control	Sławomir Kukliński , Jacek Wyrębowicz , Dinh Khoatruong and Emilia Tantar
16	0,5	D	Parallel Programming, Models and Applications in Grid and P2P System	4	2009	Landscape Analysis in Adaptive Metaheuristics for Grid Computing	Emilia Tantar, Alexandru-Adrian Tantar , Nouredine Melab , El-Ghazali Talbi
17	0,3 3	D	Lecture notes in economics and mathematical systems, Springer		2008	Computing and Selecting ε -Efficient Solutions of {0, 1}-Knapsack Problems.	Emilia Tantar, Oliver Schütze , José Rui Figueira , Carlos A. Coello Coello , El-Ghazali Talbi :

Impactul rezultatelor (Perspectiva c)

Total punctaj impactul rezultatelor: $49+24,6+16+13+8+2,66=98,6p$ (din care 94,6p in forumuri de cel putin tip B)

Index citat	Punctaj	Tip citare	Forum	An	Titlu lucrare	Autori
1	1	Mono grafie	Springer Handbook of Computational Intelligence	2015	Multi-Objective Evolutionary Algorithms	Kalyanmoy Deb
1	8	A	Neurocomputing	2014	Multi-objective unsupervised feature selection algorithm utilizing redundancy measure and negative epsilon-dominance for fault diagnosis	Xia, Hu; Zhuang, Jian; Yu, Dehong
1	8	A	Applied Soft Computing	2014	An augmented multi-objective particle swarm optimizer for building cluster operation decisions	Hu, Mengqi; Weir, Jeffery D.; Wu, Teresa
1	8	A	Engineering Applications of Artificial Intelligence	2014	Optimal design of energy-efficient ATO CBTC driving for metro lines based on NSGA-II with fuzzy parameters	Carvajal-Carreno, William; Cucala, Asuncion P.; Fernandez-Cardador, Antonio
1	2	B	Computational Optimization and Applications	2013	Multi Agent Collaborative Search based on Tchebycheff decomposition	Federico Zuiani, Massimiliano Vasile

1	8	A	THEORETICAL COMPUTER SCIENCE	201 2	Convergence of set-based multi-objective optimization, indicators and deteriorative cycles	Berghammer, Rudolf; Friedrich, Tobias; Neumann, Frank
1	2	C	At - Automatisierungstechnik	201 2	Homogeneous Approximation of the Pareto Front in Multiobjective Control	Rudolph, Guenter; Trautmann, Heike; Schuetze, Oliver
2	4	B	JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY	201 4	Infrastructure topology optimization under competition through cross-entropy	Le Cadre, H.
2	1,6	A	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	201 4	A Global-Local Synthesis Approach for Large Non-Regular Arrays	Clavier, T.; Razavi-Ghods, N. ; Glineur, F. ; Gonzalez-Ovejero, D. ; de Lera Acedo, E. ; Craeye, C. ; Alexander, P.
2	4	A	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	201 4	Novel Parasitic Micro Strip Arrays for Low-Cost Active Phased Array Applications	Shi-Wei Qu ; De-Jun He ; Shiwen Yang ; Zaiping Nie
2	1	D	Microwaves, Antennas & Propagation, IET	201 4	Null steering in irregularly spaced sparse antenna arrays using aperture distributed subarrays and hybrid optimiser	Khan, A.A. ; Brown, A.K.

2	2	B	APPLIED MATHEMATICS AND COMPUTATION	2013	On the benefits of Laplace samples in solving a rare event problem using cross-entropy method	S. Easter Selvan; M.S.P. Subathra; A. Hepzibah Christinal;Umberto Amato
2	4	B	INVERSE PROBLEMS	2013	Advanced interacting sequential Monte Carlo sampling for inverse scattering	Giraud, F.; Minvielle, P.; Del Moral, P.
2	4	A	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	2013	High-Efficiency Periodic Sparse Microstrip Array Based on Mutual Coupling	Shi-Wei Qu ; Chi Hou Chan ; Ming-Yao Xia ; Zaiping Nie
2	4	A	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	2012	Improving the Azimuthal Resolution of HFSWR With Multiplicative Beamforming	Guinvarc'h, R. ;Gillard, R. ; Uguen, B. ; El-Khoury, J.
4	8	A	IEEE Transactions on Neural Networks and Learning Systems	2014	Active Learning of Pareto Fronts	Campigotto, Paolo; Passerini, Andrea; Battiti, Roberto
4	8	A	Information Sciences	2013	Performance measures for dynamic multi-objective optimisation algorithms	Helbig, Mande; Engelbrecht, Andries P.
4	1	D	PhD Thesis,University of Pretoria	20	Solving dynamic multi-objective optimisation problems using vector evaluated particle swarm optimisation. (http://upetd.up.ac.za/thesis/available/etd-09242012-211127)	Marde Helbig

5	8	A	COMPUTERS & OPERATIONS RESEARCH	201 3	Multiobjective cuckoo search for design optimization	Yang, Xin-She; Deb, Suash
5	4	B	ENGINEERING OPTIMIZATION	201 3	A hybrid water flow algorithm for multi-objective flexible flow shop scheduling problems	Trung Hieu Tran; Ng, Kien Ming
17	8	A	Neurocomputing	201 4	Multi-objective unsupervised feature selection algorithm utilizing redundancy measure and negative epsilon-dominance for fault diagnosis	Xia, Hu; Zhuang, Jian; Yu, Dehong

Performanta academici (perspectiva d)

Punctaj: $8,66+0,33+6,8+6+8+18+8+1+1+24=81,79p$

Criteriu	Categorie	Editura	Volume/capitole	Punctaj
Carti autor l editate si capitole publicate (conform clasamentului SEN SE):	B	Springer	Capitole corespunzatoare indecsilor 13,14,15,,17 din tabelul corespunzator perspectivei b)	Punctaj: $4/1+4/3+4/2+4/3=8,66p$
	D	IOS Press	Capitol corespunzator indexului 16 din tabelul corespunzator categoriei b)	Punctaj: $1/3=0,33p$
	B	Springer	Voulme editate: 5 volume (numerotate de la I la V) <u>EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation</u>	Punctaj: $8/5+8/5+8/5+8/8+8/8=6,8p$

Criteriu	Categorie	Descriptiv activitate	Punctaj
Director (coordonator/responsabil) membru al unui granVproiect/contractiprogram de cercetare național/internațional	100.000 - 199.999 Euro, ca director	AFR-Marie Curie Cofund RESCOM project	6p
Membru in comitetul științific (de program) al unor conferințe, simpozioane, workshop-uri,		Understanding Problems Workshop, Genetic and Evolutionary Computation Conference, 2012 (GECCO-UP), 2012, Philadelphia, USA, 07 – 11 July, 2012. IEEE Congress on Evolutionary Computation (IEEE CEC 2012) held as part of the 2012 IEEE World Congress on Computational Intelligence (IEEE WCCI), Brisbane, Australia, June 10-15, 2012.	8p
Organizare evenimente științifice/gcoli de vara, in calitate de: - director I membru in comitetul de organizare		EVOLVE International Conference -series co- chair since 2011, EVOLVE 2011 (Luxembourg), EVOLVE 2012 (Mexico city), EVOLVE 2013 (Leiden, Olanda), EVOLVE 2014 (Beijing, China), EVOLVE 2015 (Iasi, Romania) http://www.evolve-conference.org Co-chair GreenGEC workshop in cadrul conferintei GECCO (2011-2014)	Punctaj: 5x2+4x2=18p

Criteriu	Categorie	Descriptiv activitate	Punctaj
Keynote fi invited speaker la evenimentel universitdli	A	GECCO 2014 -Invited speaker in the ECIP track	Punctaj: 8p
	D	Invited seminar Centro de Investigación y de Estudios Avanzados del IPN CINVESTAV 2011 (rank 597 in webometrics.info)	Punctaj: 1p
Profesoriresearcher asociativisiti n g la o un iversitate di n	Top 1000	2011 Invited Professor (June-July) - CINVESTAV-IPN (Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional), Mexico city, Mexico in the context of collaboration with Prof. Oliver Schuetze and Prof. Carlos A. Coello Coello.	Punctaj: 1p
		2007 May- Centro de Estudos de Gestao, Instituto Superior Tecnico, Lisbon, Portugal, Prof. Jose Rui Figueira team	
	Top 1000	Research associate University of Luxembourg (60 luni), University of Lille 1 (36 luni), University of Bordeaux 1 (12 luni)	Punctaj: max 24p