

Descriere Indicator CDI - ART	Formula de calcul	Scorul Min
Articole stiintifice - publicate in reviste de specialitate cotate ISI sau in reviste/volume indexate ISI sau BDI	$FI(\text{articol}) + \Sigma(FI(\text{citare}))$ $FI=0.1+\text{Factor de impact}$	10
Articolul cu FI	Citările articolului	FI
6. POZNA, C., Troester, F., Precup, R.-E., Tar, J. K., Preitl, S.: On the design of an obstacle avoiding trajectory: Method and simulation, Mathematics and Computers in Simulation, Vol. 79, Issue 7, pp. 2211-2226, ISSN: 0378-4754; IF=0.946, (2009);		1.046
	R. Kala, A. Shukla and R. Tiwari, "Robotic path planning in static environment using hierarchical multi-neuron heuristic search and probability based fitness", Neurocomputing, vol. 74, no. 14-15, pp. 2314-2335, 2011, SCI impact factor = 1.429.	1.429
	S. Blažič, "A novel trajectory-tracking control law for wheeled mobile robots", Robotics and Autonomous Systems, vol. 59, no. 11, pp. 1001-1007, 2011, SCI impact factor = 1.313.	1.313
	T. Kovács, A. Pásztor and Z. Istenes, "A multi-robot exploration algorithm based on a static Bluetooth communication chain", Robotics and Autonomous Systems, vol. 59, no. 7-8, pp. 530-542, 2011, SCI impact factor = 1.313.	1.313

	L. Teslić, I. Škrjanc and G. Klančar, "EKF-based localization of a wheeled mobile robot in structured environments", Journal of Intelligent & Robotic Systems, vol. 62, no. 2, pp. 187-203, 2011, SCI impact factor = 0.757.	0.757
	R. Kala, A. Shukla and R. Tiwari, "Robotic path planning using evolutionary momentum-based exploration", Journal of Experimental & Theoretical Artificial Intelligence, vol. 23, no. 4, pp. 469-495, 2011, SCI impact factor = 0.655.	0.655
	R. Kala, A. Shukla and R. Tiwari, "Dynamic environment robot path planning using hierarchical evolutionary algorithms", Cybernetics and Systems, vol. 41, no. 6, pp. 435-454, 2010, SCI impact factor = 0.662	0.662
	R. Kala, A. Shukla and R. Tiwari, "Fusion of probabilistic A* algorithm and fuzzy inference system for robotic path planning", Artificial Intelligence Review, vol. 33, no. 4, pp. 307-327, 2010, SCI impact factor = 0.429	0.429
7. Precup, R.-E., Preitl, S., Petriu, E. M., Tar, J. K., Tomescu, M. L., POZNA, C.: Generic two-degree-of-freedom linear and fuzzy controllers for integral processes, Journal of the Franklin Institute, Volume 346, Issue 10, pp. 980-1003, ISSN: 0016-0032, IF=2.724, (2009)		1.23
	T. Zou and S. Li, "Stabilization via extended nonquadratic boundedness for constrained nonlinear systems in Takagi-Sugeno's form", Journal of The Franklin Institute, vol. 348, no. 10, pp. 2849-2862, 2011, SCI impact factor = 1.492.	1.492

	R. Bakhtyar, A. Ghaheiri, A. Yeganeh-Bakhtiary and D.-S. Jeng, "Cross-shore sediment transport estimation using fuzzy inference system in the swash zone", Journal of The Franklin Institute, vol. 348, no. 8, pp. 2005-2025, 2011, SCI impact factor = 1.492.	1.492
	C. Alippi, G. Boracchi, R. Camplani and M. Roveri, "Detecting external disturbances on the camera lens in wireless multimedia sensor networks", IEEE Transactions on Instrumentation and Measurement, vol. 59, no. 11, pp. 2982-2990, 2010, SCI impact factor = 1.098.	1.098
4. POZNA, C., Precup, R.-E., Tar, J. K., Škrjanc, I., Preitl, S.: New results in modelling derived from Bayesian filtering, Knowledge-Based Systems Volume 23, Issue 2, pp. 182-194, ISSN: 0950-7051; IF=1.574, SCR impact factor in 2012=2.422, (2010)		1.674
	J. Yang, Y. Liu, Z. Liu, X. Zhu and X. Zhang, "A new feature selection algorithm based on binomial hypothesis testing for spam filtering", Knowledge-Based Systems, vol. 24, no. 6, pp. 904-914, 2011, SCI impact factor = 1.574	1.574
	A. Adli, "A heuristic mathematical approach for modeling constraint cumulativity: Contrastive focus in Spanish and Catalan", The Linguistic Review, vol. 28, no. 2, pp. 111-173, 2011, SCI impact factor = 0.25.	0.25
5. Alexandru C, POZNA, C. Simulation of a dual-axis solar tracker for improving the performance of a photovoltaic panel Proceedings of the Institution of Mechanical Engineers part A- Journal of Power and Energy 224, pp. 797-811, ISSN 0957-6509; IF: 0.792, (2010)		0.892

3. POZNA C., Precup, R.-E., Aspects concerning the observation process modeling in the framework of cognition process. In Acta Polytechnica Hungarica Vol.9 No.1, 2012, pp.203-223, ISSN 1785-8860, SCI IF=0.385, (2012)		0.485
2. Minculete, N., POZNA, C. and Precup, R.-E.: A refinement of Sandor-Toth's inequality. Journal of Inequalities and Applications (SpringerOpen), 2012: pp 4- 16, ISSN 1029-242X, SCI IF = 0.879, SCI impact factor in 2012 = 0.726 (2012)		0.826
1. POZNA, C., Minculete, N., Precup, R.-E., Kóczy, L. T. and Ballagi, Á. Signatures: Definitions, operators and applications to fuzzy modeling. Fuzzy Sets and Systems (Elsevier Science), pp. 1-19, SCI IF = 1.875, ISSN 0165-0114 (2012)		1.975
	Total	20.592

Descriere Indicator DID - MSC	Formula de calcul	Scorul Minim
Manuale suport curs, format tipărit sau format electronic	1 punct = 50 pagini	10
Cartea	Nr de pagini	Puncte
POZNA, C., Autovehiculul Autonom, Editura Universitatii Transilvania Brasov, ISBN (10) 973-635-800-3; (13) 978-973-635-800-5, 2006 (119 pagini)	119	2.38
POZNA, C.: Teoria sistemelor automate, Editura MATRIX, ISBN 973-685-733-6, 2004 (329 pagini)	329	6.58
POZNA, C.: Comanda și Controlul Roboților Industriali, Editura CIT Brașov, ISBN.973-99051-5-3, 2000 (252 pagini)	252	5.04
	Total	14

Descriere Indicator RIA - GRA	Formula de calcul	Scorul Minim
Director grant National	1 punct = 50000lei	10
Grantul	Suma	Puncte
Dezvoltarea metodologiilor de proiectare a roboților industriali modulari Contractul CNC SIS –tip A, cod 895/2007-2008; 192856 lei;	192856.45	3.857129
Cercetari privind noi sisteme cognitive bazate pe experimentarea relațiilor cauzale; PNII- IDEI 2009-2011, cod 842 UEFISCSU nr.711/19.01.2009: 466.711,59lei	466711.59	9.3342318
	Total	13.191361