

Anexa 4

FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE

Candidat Donca Radu-Călin, înscris la concursul pentru ocuparea postului de **Sef de Lucrări, perioada determinată**, la Facultatea Mecanică, Departament Mecatronica și Dinamica Mașinilor, poziția 16.

Criteriu / subcriteriu	Evaluare	Document doveditor
1. Activitatea didactică		
1.a. autor / coautor / lucrări didactice publicate la edituri recunoscute	0	(se regasesc in lista de lucrari)
1.b. autor / coautor / lucrări de laborator redactate și realizate practic	3	(se regasesc in lista de lucrari)
2. Activitatea științifică		
2. a. autor / coautor / lucrări științifice publicate (conform criteriilor minimale aprobate de Senat)	25	(se regasesc in lista de lucrari)
2. b autor / coautor / alte lucrări (proiecte, studii, etc.)	3	(se regasesc in lista de lucrari)
2. c. participări în colective de cercetare	9	(se regasesc in lista contractelor de cercetare)
3. Activitate în folosul comunității academice		
3. a. activitate în comisii permanente la nivel de departament / facultate / universitate	Da – Cerc studențesc	Atestat departament / facultate/universitate
3. b. membru în structuri ale unor organizații naționale și internaționale	Da - AROTMM	Atasati copii dupa documente doveditoare

Data 9.01.2018

Semnătura 

Instrucțiuni:

- Candidatul completează coloana a II-a (evaluare), unde este cazul.
- Candidatul va atasa, dacă este cazul, documente doveditoare, în xerocopie, pentru acele criterii a căror evaluare nu este posibilă pe baza conținutului dosarului.



UNIVERSITATEA TEHNICĂ
DIN CLUJ-NAPOCA
FACULTATEA DE MECANICĂ

AVIZ

Comisia de analiză a dosarelor de concurs pentru posturile didactice, numită prin decizia Consiliului Facultății de Mecanică nr. 7/02.11.2017, întrunită în data de 11.01.2018, în urma analizării dosarului candidatului **Donca Radu Călin** pentru postul de **șef de lucrări** pe perioadă determinată, **poziția 16** din Statul de funcții al Departamentului de Mecatronică și Dinamica Mașinilor a constatat

îndeplinirea /neîndeplinirea

standardelor minimale ale universității de prezentare la concurs.

Președinte: Prof.dr.ing. Filip Nicolae
Membri: Prof.dr.ing. Bălan Mugur
Prof.dr.ing. Brișan Cornel

Avizat
Decan,
Prof.dr.ing. Cristian Dulescu

Avizat
Director departament MDM,
Prof.dr.ing. Mircea Bara



Radu Donca

Technical University of Cluj-Napoca
Inginerie

GET MY OWN PROFILE

	All	Since 2012
Citations	97	92
h-index	3	3
i10-index	1	1

TITLE	CITED BY	YEAR
Parameter identification and model based predictive control of temperature inside a house R Bălan, J Cooper, KM Chao, S Stan, R Donca Energy and Buildings 43 (2), 748-758	81	2011
Application of a model based predictive control algorithm for building temperature control R Balan, O Hancu, S Stan, C Lapusan, R Donca Proceedings of the 3rd WSEAS Int. Conf. on Energy Planning, Energy Saving ...	9	2009
Optimization of the control for the RV-2AJ Serial Robot M Coman, R Balan, R Donca, D Verde Rom. Rev. Precis. Mech. Opt. Mechatronics 39, 149-152	4	2011
Advanced Control Algorithms For Energy Efficiency And Comfort Inside A House R Balan, S Stan, V Maties, R Donca, M Vlad 13th World Congress in Mechanism and Machine Science, Guanajuato, Mexico, 19-25	1	2011
Thermal Modelling and Temperature Control of a House R Balan, R Donca, A Balan, A Pleșa, L Pacurar, V Muresan The Romanian Review Precision Mechanics, Optics and Mechatronics, 39, 59 62	1	2011
Design and control of a novel type of actuator for the Isoglide T3R1 Parallel Robot RC Donca, DC Popa, R Balan, V Iancu, M Manic Resilient Control Systems (ISRCS), 2010 3rd International Symposium on, 91-94	1	2010
Document Control CHCPC Nick		2016
A Method for Experimental Identification of Nonlinear Mechanical Systems A Bălan, MP Draghici, R Donca, A Pleșa, V Mătieș The 11th IFToMM International Symposium on Science of Mechanisms and ...		2014
STABILISATION OF THE INVERSE PENDULUM ON A CART BASED ON A SEARCH METHOD A BĂLAN, A PLEȘA, R DONCA, M DRĂGHICI, V MĂTIEȘ ACTA TECHNICA NAPOCENSIS-Series: APPLIED MATHEMATICS, MECHANICS, and ...		2013

TITLE	CITED BY	YEAR
A METHOD FOR SWING-UP OF THE INVERSE PENDULUM ON A CART A BĂLAN, A PLEȘA, R DONCA, M DRĂGHICI, V MĂTIEȘ ACTA TECHNICA NAPOCENSIS-Series: APPLIED MATHEMATICS, MECHANICS, and ...		2013
PREFILTERS IN THE CONTROL OF MECHATRONICS SYSTEMS A BĂLAN, C LĂPUȘAN, R DONCA, M DRĂGHICI, V MĂTIEȘ ACTA TECHNICA NAPOCENSIS-Series: APPLIED MATHEMATICS, MECHANICS, and ...		2012
IDENTIFICATION FOR CONTROL OF MECHATRONIC SYSTEMS USING MATLAB/SIMULINK AND DSPACE PLATFORM A BĂLAN, C LĂPUȘAN, R DONCA, M DRĂGHICI, V MĂTIEȘ ACTA TECHNICA NAPOCENSIS-Series: APPLIED MATHEMATICS, MECHANICS, and ...		2012
INDOOR THERMAL COMFORT AND ENERGY CONSUMPTION IN A ROMANIAN APARTAMENT V Muresan, R Balan, N Matis, R Donca The International Conference Interdisciplinarity in Engineering INTER-ENG, 293		2012
COMMAND AND CONTROL OF SHAPE MEMORY ALLOYS USED IN RETROFITTED BUILDINGS. RC Donca, MP Draghici Mathematical Modeling in Civil Engineering		2011
Human behavior changing based on the simulation of the temperature control of a house R Bălan, V Mureșan, R Donca, A Bălan, S Stan ICREPQ'11 Conference		2011
DESIGN, SIMULATION AND CONTROL OF ISOGLIDE T3R1 PARALLEL ROBOT D VERDEȘ, M Coman, R Donca, R BĂLAN		2011
Modelling, identification and temperature control of a house R Balan, O Hancu, C Lapusan, SD Stan, RC Donca, V Muresan Annals of DAAAM & Proceedings, 591-593		2010
Design of mechatronic actuation systems based on fluidic artificial muscles S Besoiu, V MATIES, R Donca, Z Rokk Transilvania University Press of Brașov		2009
Implementation of a load control method for the improvement of the efficiency of a fuel cell, based on the hardware-in-the-loop technique RC Donca, H Balan, S Booiu, R Balan Automation, Quality and Testing, Robotics, 2008. AQTR 2008. IEEE ...		2008

TITLE	CITED BY	YEAR
The Integrated Design and Optimization of a Kinematic Axis in Mechatronics. S Besoiu, V Maties, C Rusu, R Donca Mecatronica		2006

Web of Science

Search Search Results My Tools Search History Marked List

Citation report for 4 results from Web of Science Core Collection between 1975 and 2018 Go

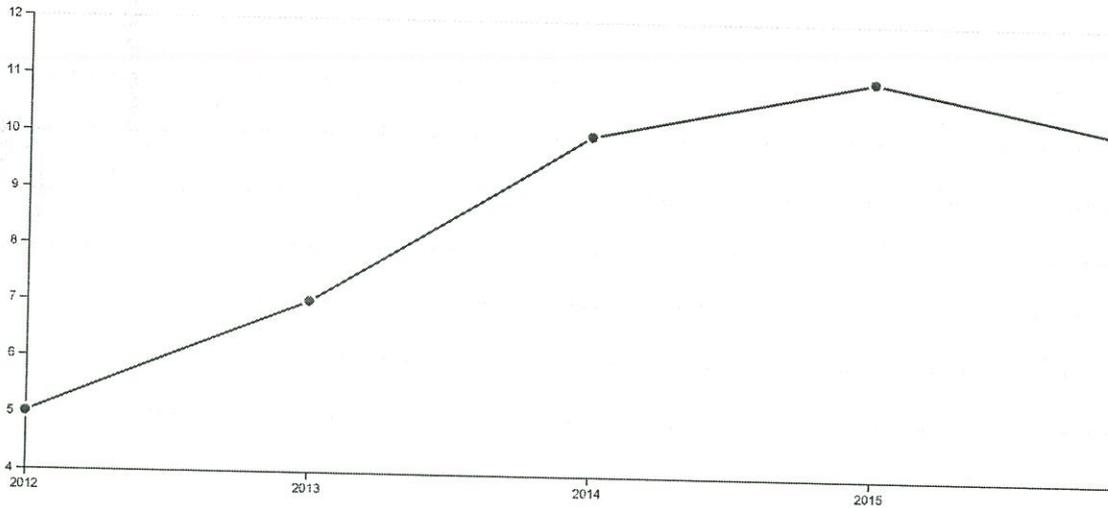
You searched for: AUTHOR: (Donca R) ...More
 Refined by: ORGANIZATIONS-ENHANCED: (TECHNICAL UNIVERSITY OF CLUJ NAPOCA OR COVENTRY UNIVERSITY OR HILDEBRAND OR NATL COLL EMIL RACOVITA)
 AND [excluding] ORGANIZATIONS-ENHANCED: (BABES BOLYAI UNIVERSITY FROM CLUJ)
 Timespan: All years. Indexes: SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.
 ...Less

This report reflects citations to source items indexed within Web of Science Core Collection. Perform a Cited Reference Search to include citations to items not indexed within Web of Science Core Collection.

Export Data: Save to Text File

Total Publications ↗	h-index ⓘ	Sum of Times Cited ⓘ	Citing articles ⓘ
4	2	50	50
	Average citations per item ⓘ	Without self citations ⓘ	Without self citations ⓘ
	12.5	50	50

Sum of Times Cited per Year



Sort by: Times Cited Date More

Page 1 of 1

2014	2015	2016	2017	2018	Total	Average Citations per Year
10	11	10	7	0	50	8.33

Use the checkboxes to remove individual items from this Citation Report

or restrict to items published between and

- | | | |
|--------------------------|---|----------------------------|
| <input type="checkbox"/> | <p>1. Parameter identification and model based predictive control of temperature inside a house</p> <p>By: Balan, Radu; Cooper, Joshua; Chao, Kuo-Ming; et al.
 ENERGY AND BUILDINGS Volume: 43 Issue: 2-3 Pages: 748-758
 Published: FEB-MAR 2011</p> | <p>10 10 8 7 0 47 6.71</p> |
| <input type="checkbox"/> | <p>2. Application of a Model Based Predictive Control Algorithm for Building Temperature Control</p> <p>By: Balan, Radu; Hancu, Climpuiu; Stan, Sergiu; et al.
 Edited by: Perlovsy, L; Dionysiou, DD; Zadeh, LA; et al.
 Conference: 3rd WSEAS International Conference on Energy Planning, Energy Saving, Environmental Education/3rd WSEAS RES 2009/3rd WSEAS WWAI 2009 Location: Tenerife, SPAIN Date: JUL 01-03, 2009
 Sponsor(s): WSEAS
 ENERGY PROBLEMS AND ENVIRONMENTAL ENGINEERING Book Series: Energy and Environmental Engineering Series Pages: 97-+ Published: 2009</p> | <p>0 1 2 0 0 3 0.33</p> |
| <input type="checkbox"/> | <p>3. Mechatronic design of a planar parallel robot actuated by pneumatic artificial muscles</p> <p>By: Besoiu, Sorin; Maties, Vistrian; Donca, Radu
 Edited by: Brisan, C; Maties, V; Stan, SD; et al.
 Conference: 5th International Conference on Robotics and Automation Systems Location: Cluj Napoca, ROMANIA Date: SEP 23-25, 2010
 ROBOTICS AND AUTOMATION SYSTEMS Book Series: Solid State Phenomena Volume: 166-167 Pages: 57-62 Published: 2010</p> | <p>0 0 0 0 0 0 0.00</p> |
| <input type="checkbox"/> | <p>4. Implementation of a load control method for the improvement of the efficiency of a fuel cell, based on the hardware-in-the-loop technique</p> <p>By: Donca, Radu C.; Balan, Horia; Besoiu, Sorin; et al.
 Edited by: Miclea, L; Stoian, I
 Conference: IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2008) Location: Cluj Napoca, ROMANIA Date: MAY 22-25, 2008
 Sponsor(s): IEEE Comp Soc, TTTC
 2008 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2008), THETA 16TH EDITION, VOL II, PROCEEDINGS Pages: 111-114 Published: 2008</p> | <p>0 0 0 0 0 0 0.00</p> |

Select Page

Sort by: Times Cited Date

Page of 1

4 records matched your query of the 59,549,254 in the data limits you selected.
 Key: * = Structure available.

Scopus

Citation overview

You have selected a year range of more than 15 years. The citation overview page can display up to 15 years. Please select a shorter range to display on the page. ✕

[Back to document results](#)

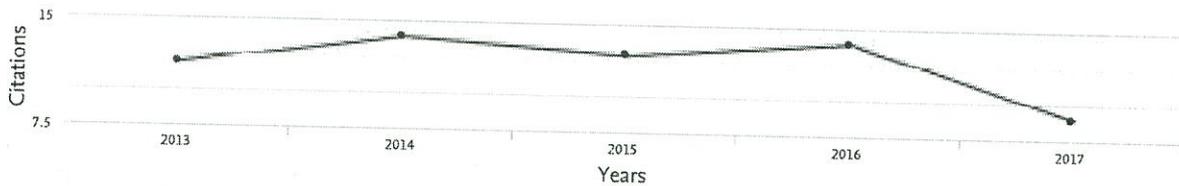
[Export](#) [Print](#)

This is an overview of citations for the documents you've selected.

Document *h*-index: 3 [View *h*-graph](#)

14 cited documents [+ Add to list](#)

Date range: 2000 to 2017 Exclude self citations of all authors Exclude citations from books



Sort on: [Date \(newest\)](#)

Page [Bibliography](#)

Documents	Citations	<2013	2013	2014	2015	2016	2017	Subtotal	>2017	Total
	Total	11	12	14	13	14	9	62	0	73
<input type="checkbox"/> 1 A method for experimental identification of nonlinear mechan...	2014							0		0
<input type="checkbox"/> 2 Optimization of the control for the RV-2AJ serial robot	2011			1	1	1		3		3
<input type="checkbox"/> 3 Thermal modelling and temperature control of a house	2011							0		0
<input type="checkbox"/> 4 Influence of heat capacity and thermal inertia on heating co...	2011							0		0
<input type="checkbox"/> 5 Study of a robot-vision solution for tracking objects	2011							0		0
<input type="checkbox"/> 6 Rapid prototyping on an omnidirectional platform using lego ...	2011							0		0
<input type="checkbox"/> 7 Design, simulation and control of isoglide T3R1 parallel rob...	2011							0		0
<input type="checkbox"/> 8 Parameter identification and model based predictive control ...	2011	8	9	12	11	8	8	48		56
<input type="checkbox"/> 9 Design and control of a novel type of actuator for the isogl...	2010	1						0		1
<input type="checkbox"/> 10 Modelling, identification and temperature control of a house	2010							0		0
<input type="checkbox"/> 11 Mechatronic design of a planar parallel robot actuated by pn...	2010							0		0
<input type="checkbox"/> 12 Application of a model based predictive control algorithm fo...	2009	1	1	1		3	1	6		7
<input type="checkbox"/> 13 Implementation of a load control method for the improvement ...	2008							0		0
<input type="checkbox"/> 14 Public lighting systems - An energy saving technique and pro...	2007	1	2		1	2		5		6

Display: 20 results per page

1

[^ Top of page](#)