

Fișa de autoevaluare privind gradul de îndeplinire a standardelor minimale naționale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior conform Ordinului MENCS 6129/2016

Nume și prenume: STOICA FLORENTINA LAURA

Grad didactic: Conferențiar universitar dr.

Domeniu de studii universitare de doctorat vizat: Cibernetică și Statistică

A1. Articole în reviste cotate ISI cu scor de influență absolut (AIS) nenul

Autori, denumire articol, denumire revistă, volumul (numărul), numărul de pagini între care este încadrat articolul în revistă, data publicării articolului, ISSN-ul revistei, accession number (WoS)	M - factor de multiplicare	N - Număr de autori	AIS 2022 (JCR iunie 2023)	Pi - Punctaj
Laura Florentina Stoica, Florin Stoica, Florian Mircea Boian, <i>Verification of JADE Agents using ATL Model Checking</i>, International Journal of Computers, Communications & Control, Volume 10, No 5, Pages: 718-731, Published: October 2015, ISSN 1841-9836, WOS:000358340900009, AIS: 0,302 Categoriza de încadrare (Index JCR): COMPUTER SCIENCE, INFORMATION SYSTEMS	8	3	0,302	$8*(1-(3-1)*0.1)^*$ 0.302 = 1,9328
Cristescu Marian-Pompiliu, Nerișanu Raluca-Andreea, Flori Maria, Stoica Florin, Stoica Florentina Laura, <i>Analysing the stock market as an economic lever, using a quali-tative and a quantitative model</i>, Mathematics, 9, no. 19: 2369, ISSN: 2227-7390, Published: September 2021, https://doi.org/10.3390/math9192369 WOS:000725468500001, AIS: 0,368 (2020) Categoriza de încadrare (Index JCR): MATHEMATICS	6	5	0,368	$6*(1-(5-1)*0.1)^*$ 0.368 = 1,3248
Oprea, Simona-Vasilica, Adela Bâra, Cristian-Eugen Ciurea, and Laura F. Stoica, <i>Smart Cities and Awareness of Sustainable Communities Related to Demand Response Programs: Data Processing with First-Order and Hierarchical Confirmatory Factor Analyses</i>, Electronics, 11(7), 1157, eISSN: 2079-9292, Published: April 2022. WOS:000782012900001 AIS: 0,401 Categoriza de încadrare (Index JCR): COMPUTER SCIENCE, INFORMATION SYSTEMS - SCIE	8	4	0,401	$8*(1-(4-1)*0.1)^*$ 0.401 = 2,2456

<p>Laura F. Stoica, Florin Stoica, <i>ATLDesigner: ATL Model Checking Using An Attribute Grammar</i>, International Journal of Software Engineering and Knowledge Engineering (IJSEKE), Volume No. 32, Issue No. 08, pp. 1125 - 1154, 2022, ISSN: 0218-1940. Published August 2022. WOS:000848725100001 AIS: 0,144 Categoria de încadrare (Index JCR): COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE - SCIE</p>	8	2	0,144	$8*(1-(2-1)*0.1)^*$ 0.144 = 1,0368
<p>Ovidiu Boitor, Florin Stoica, Romeo Mihailă, Laura Florentina Stoica, Laura Stef, <i>Automated Machine Learning to Develop Predictive Models of Metabolic Syndrome in Patients with Periodontal Disease</i>, Diagnostics, Special Issue: Artificial Intelligence in Dental Medicine, 13(24), 3631, ISSN: 2075-4418, Published: December 2023, https://doi.org/10.3390/diagnostics13243631, WOS:001131487100001, AIS: 0,668 Categoria de încadrare (Index JCR): MEDICINE, GENERAL & INTERNAL - SCIE</p>	6	5	0,668	$6*(1-(5-1)*0.1)^*$ 0.668 = 2,4048
Total din 5 articole				8,9448

A2. Cărți, capitole din cărți, volum ISI Proceedings

Autori, denumire carte/capitol, volum, editură, data publicării, număr pagini, ISBN	Punctaj total	Număr de autori	Punctaj final/autor
<p>Alina Bărbulescu, Florin Stoica, Laura Florentina Stoica, <i>Sensemaking with Interactive Data Visualization</i>, VISION 2020: INNOVATION MANAGEMENT, DEVELOPMENT SUSTAINABILITY, AND COMPETITIVE ECONOMIC GROWTH, 2016, VOLS I - VII Page 3213-3228. Published 2016 Document Type Proceedings Paper Conference Meeting: 28th International Business-Information-Management-Association Conference Location Seville, SPAIN Date NOV 09-10, 2016, ISBN: 978-0-9860419-8-3, WOS:000392785700327</p>	0,1	3	0,0333

Florin Stoica, Laura Florentina Stoica , <i>ATL model checking in the cloud</i> , INTERNET TECHNOLOGIES AND APPLICATIONS (ITA) PROCEEDINGS OF THE SIXTH INTERNATIONAL CONFERENCE (ITA 15) Page 192-199. Published 2015 Document Type Proceedings Paper Conference Meeting: INTERNET TECHNOLOGIES AND APPLICATIONS (ITA) Location: Glyndwr Univ, Wrexham, UNITED KINGDOM Date: SEP 08-11, 2015, DOI: 10.1109/ITechA.2015.7317394 ISBN 978-1-4799-8036-9, WOS:000380532400034	0,1	2	0,05
Total din 2 articole			0,0833

*Se vor lua în considerare maxim 0,5 puncte.

B. Citări în reviste cotate ISI cu scor de influență absolut (AIS) nenul

Lucrare citată:	Citare: Autori, denumire articol, denumire revistă, volumul (numărul), numărul de pagini între care este încadrat articolul în revistă, data publicării articolului, ISSN-ul revistei, accession number (WoS)	Q1, Q2, Q3, Q4 După AIS 2022 (JCR iunie 2023)	Ci - Punctaj
Florin Stoica, Laura Florentina Stoica , <i>Implementing an ATL model checker tool using relational algebra concepts</i> . In 22-nd International Conference on Software, Telecommunications and Computer Networks (SoftCOM), pp. 361–366. IEEE (2015), Split, Croatia, SEP 17-19, 2014 WOS:000380555000038	Chung-Hao Huang, Sven Schewe, Farn Wang, <i>Model-checking iterated games</i> , Journal - Acta Informatica, 2016 , Volume 54, Issue 7, pp 625-654, ISSN: 0001-5903 (print) ISSN: 1432-0525 (electronic), WOS:000412912200001 , AIS: 0.467 (2022 (JCR iunie 2023))	Q3	0,5
Laura Florentina Stoica , Florin Stoica, Florian Mircea Boian, <i>Verification of JADE agents using ATL model checking</i> . Int. J. Comput. Commun. Control Volume 10, Issue 5, pp. 718–731 (2015) DOI 10.15837/ijccc.2015.5.803 ISSN: 1841-9836 WOS:000358340900009	Chung-Hao Huang, Sven Schewe, Farn Wang, <i>Model-checking iterated games</i> , Journal - Acta Informatica, 2016 , Volume 54, Issue 7, pp 625-654, ISSN: 0001-5903 (print) ISSN: 1432-0525 (electronic), WOS:000412912200001 , AIS: 0.467 (2022 (JCR iunie 2023))	Q3	0,5

<p>Oprea, Simona-Vasilica, Adela Bâra, Cristian-Eugen Ciurea, Laura Florentina Stoica, <i>Smart Cities and Awareness of Sustainable Communities Related to Demand Response Programs: Data Processing with First-Order and Hierarchical Confirmatory Factor Analyses</i>, Electronics. Volume 11(7), 1157, eISSN: 2079-9292. (2022) WOS:000782012900001</p>	<p>Daskin Haney Başak, Bărbulescu Alina, Muntean Radu, Akcay Emre Caner, <i>A Comparative Analysis of the Criteria for Choosing Sustainable Materials for Façades in Turkey and the European Union</i>, Sustainability, 2024, Volume 16, no. 4: 1539, ISSN: 2071-1050 WOS: 001172722900001, AIS: 0.526 (2022 (JCR iunie 2023))</p>	<p>Q3</p>	<p>0.5</p>
<p>Florin Stoica, Laura Florentina Stoica. <i>Integrated Tool for Assisted Predictive Analytics</i>. In: Simian, D., Stoica, L.F. (eds) Modelling and Development of Intelligent Systems. MDIS 2020. Communications in Computer and Information Science, vol 1341, pp 149–166. Springer, Cham. https://doi.org/10.1007/978-3-030-68527-0_10 (2021)</p>	<p>Daskin Haney Başak, Bărbulescu Alina, Muntean Radu, Akcay Emre Caner, <i>A Comparative Analysis of the Criteria for Choosing Sustainable Materials for Façades in Turkey and the European Union</i>, Sustainability, 2024, Volume 16, no. 4: 1539, ISSN: 2071-1050 WOS: 001172722900001, AIS: 0.526 (2022 (JCR iunie 2023))</p>	<p>Q3</p>	<p>0.5</p>
<p>Oprea, Simona-Vasilica, Adela Bâra, Cristian-Eugen Ciurea, Laura Florentina Stoica, <i>Smart Cities and Awareness of Sustainable Communities Related to Demand Response Programs: Data Processing with First-Order and Hierarchical Confirmatory Factor Analyses</i>, Electronics. Volume 11(7), 1157, eISSN: 2079-9292. (2022) WOS:000782012900001</p>	<p>Milev Ivana, Prisljan Lev, Zajc Matej. <i>Energy Portal Design and Evaluation for Consumer Active Participation in Energy Services: Seven-Month Field Study with 234 Slovenian Households</i>, Electronics, 2022, Volume 11, no. 21: 3452, ISSN: 2079-9292 https://doi.org/10.3390/electronics11213452 WOS:000881031000001, AIS: 0.401 (2022 (JCR iunie 2023))</p>	<p>Q3</p>	<p>0.5</p>
<p>Laura Florentina Stoica, Florin Stoica, <i>ATLDesigner: ATL Model Checking Using An Attribute Grammar</i>, International Journal of Software Engineering and Knowledge Engineering (IJSEKE), Volume No. 32, Issue No. 08, pp. 1125 – 1154 (2022) ISSN: 0218-1940. WOS:000848725100001</p>	<p>Daskin Haney Başak, Bărbulescu Alina, Muntean Radu, Akcay Emre Caner, <i>A Comparative Analysis of the Criteria for Choosing Sustainable Materials for Façades in Turkey and the European Union</i>, Sustainability, 2024, Volume 16, no. 4: 1539, ISSN: 2071-1050 WOS: 001172722900001, AIS: 0.526 (2022 (JCR iunie 2023))</p>	<p>Q3</p>	<p>0.5</p>
<p>Total din 6 citări</p>			<p>3.0</p>

Gradul de îndeplinire a standardelor minimale:

Criterii minime Abilitare	Punctaj obținut
S>4	12,0281
P>2	9,0281
C>1,2	3
Număr articole ISI cu AIS nenul	5
Număr articole ISI cu AIS >0.15	4
Număr articole ISI publicate în Core Economic & Infoeconomics	3

Centralizator:

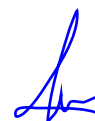
	Punctaj minimal	Punctaje obținute
Articole (A1+A2) = P	$P \geq 2$	9,0281
Citări (B) = C	$C \geq 1,2$	3
Total = S = P+C	$S = P + C \geq 4$	12,0281

Sunt îndeplinite criteriile privind conferirea calității de conducător de doctorat și a atestatului de abilitare, respectiv:

- 1) 2 articole ISI în revistă cu scor absolut de influență mai mare de 0,15;
- 2) 4 articole ISI în reviste cu AIS nenul din care minim 2 din categoriile Core Economics sau /si Infoeconomics;
- 3) articolele și citările menționate anterior tratează subiecte specifice domeniului ECONOMICS;
- 4) punctaj total → **12,0281** (+8,0281 puncte peste nivelul minim de 4 puncte)

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1 [Automated Machine Learning to Develop Predictive Models of Metabolic Syndrome in Patients with Periodontal Disease](#)

[Boitor, O; Stoica, E; \(...\); Stef, L](#)

Dec 2023 | [DIAGNOSTICS](#) 13 (24)

Metabolic syndrome is experiencing a concerning and escalating rise in prevalence today. The link between metabolic syndrome and periodontal disease is a highly relevant area of research. Some studies have suggested a bidirectional relationship between metabolic syndrome and periodontal disease, where one condition may exacerbate the other. Furthermore, the existence of periodontal disease amon ... [Show more](#)

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2 [Smart Cities and Awareness of Sustainable Communities Related to Demand Response Programs: Data Processing with First-Order and Hierarchical Confirmatory Factor Analyses](#)

[Oprea, SV; Bâra, A; \(...\); Stoica, LF](#)

Apr 2022 | [ELECTRONICS](#) 11 (7)

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The mentality of electricity consumers is one of the most important entities that must be addressed when dealing with issues in the operation of power systems. Consumers are used to being completely passive, but recently these things have changed as significant progress of Information and

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- Stoica, Florin 4
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3 [Analysing the Stock Market as an Economic Lever, Using a Qualitative and a Quantitative Model](#)

[Cristescu, MP](#); [Nerisanu, RA](#); (...); [Stoica, FL](#)

Oct 2021 | [MATHEMATICS](#) 9 (19)

[Enriched Cited References](#)

The article aims to provide a perspective on economic growth by relying on the influence and use of the stock market as an economic lever. Two methods will be used: a quantitative one, determined by a multiple linear regression model, and a qualitative one that encumbers a sustainable vector model for generating economic growth. The data panel covers 36 states, for a period of 21 years. The pap ... [Show more](#)

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4 [ATLDesigner: ATL Model Checking Using An Attribute Grammar](#)

[Stoica, LF](#) and [Stoica, F](#)

Aug 2022 | [INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING](#) 32 (08) , pp.1125-1154

[Enriched Cited References](#)

In this paper, we use attribute grammars as a formal approach for model checkers development. Our aim is to design an Alternating-Time Temporal Logic (ATL) model checker from a context-free grammar which generates the language of the ATL formulae. An attribute grammar may be informally defined as a context-free grammar which is extended with a set of attributes and a collection of semantic rule ... [Show more](#)

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5 [Verification of JADE Agents Using ATL Model Checking](#)

[Stoica, LE](#); [Stoica, F](#) and [Bolan, FM](#)

Oct 2015 | [INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL](#) 10 (5) , pp.718-731

It is widely accepted that the key to successfully developing a system is to produce a thorough system specification and design. This task requires an appropriate formal method and a suitable tool to determine whether or not an implementation conforms to the specifications. In this paper we present an advanced technique to analyse, design and debug JADE software agents, using Alternating-time T ... [Show more](#)

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