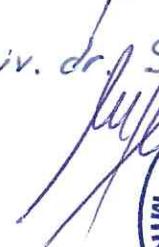Universitatea "Lucian Blaga" din Sibiu

Avizat Rector,
Prof. univ. dr. Sorin Radu

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 FLORIN
Grad didactic: Conferențiar universitar dr.
Domeniu de studii universitare de doctorat: 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 JCR 2020	P_i - Punctaj
Dana Simian, **Florin Stoica**, Alina Barbulescu, *Automatic optimized support vector regression for financial data prediction*, NEURAL COMPUTING & APPLICATIONS, Volume 32, Pages: 2383–2396, ISSN: 0941-0643, Published: 2020, https://doi.org/10.1007/s00521-019-04216-7, **WOS:000522553100039**, **AIS: 0,783** (2020) Categoria de încadrare (Index JCR): **COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE**	8	3	0,783 (AIS 2020)	8x[1-(3-1)x0,1]x 0,783 = **5,0112**
Laura Florentina Stoica, **Florin Stoica**, Florian Mircea Boian, *Verification of JADE Agents using ATL Model Checking*, International Journal of Computers, Communications & Control, Volume 10, No 5, Pages: 718-731, Published: October 2015, ISSN 1841-9836, http://univagora.ro/jour/index.php/ijccc/article/view/803/566, **WOS:000358340900009**, **AIS: 0,257** (2020) Categoria de încadrare (Index JCR): **COMPUTER SCIENCE, INFORMATION SYSTEMS**	8	3	0,257 (AIS 2020)	8x[1-(3-1)x0,1]x 0,257 = **1,6448**
Florin Stoica, Cornel Gheorghe Boitor, *Using the Breeder genetic algorithm to optimize a multiple regression analysis model used in prediction of the mesiodistal width of unerupted teeth*, International Journal of Computers, Communications & Control, Volume 9, No 1, Pages: 62-70, Published: February 2014, ISSN 1841-9836, http://univagora.ro/jour/index.php/ijccc/article/view/60/207, **WOS:000329600000007**,	8	2	0,257 (AIS 2020)	8x[1-(2-1)x0,1]x 0,257 = **1,8504**

Autori...	Punctaj total	Număr autori	AIS	Formula
AIS: 0,257 (2020) Categoria de încadrare (Index JCR): **COMPUTER SCIENCE, INFORMATION SYSTEMS**				
Cristescu Marian-Pompiliu, Nerişanu Raluca-Andreea, Flori Maria, **Stoica Florin**, Stoica Florentina Laura, *Analysing the stock market as an economic lever, using a quali-tative and a quantitative model*, Mathematics, 9, no. 19: 2369, ISSN: 2227-7390, Published: September 2021, https://doi.org/10.3390/math9192369 **WOS:000725468500001,** AIS: 0,354 (2020) Categoria de încadrare (Index JCR): **MATHEMATICS**	6	5	0,354 (AIS 2020)	6x[1-(5-1)x0,1]x 0,354 = **1,2744**
Cornel Gheorghe Boitor, **Florin Stoica**, Hamdan Nasser, *Prediction of the mesiodistal size of unerupted canines and premolars for a group of Romanian children: a comparative study*, Journal of Applied Oral Science, vol. 21 no.3, Pages: 225-230, ISSN 1678-7757, Published: May 2013, https://doi.org/10.1590/1679-775720130030, **WOS:000324571100004,** AIS: 0,627 (2020) Categoria de încadrare (Index JCR): **DENTISTRY, ORAL SURGERY & MEDICINE**	6	3	0,627 (AIS 2020)	6x[1-(3-1)x0,1]x 0,627 = **3,0096**
Total				**12,7904**

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
Alina Bărbulescu, **Florin Stoica**, Laura Florentina Stoica, *Sensemaking with Interactive Data Visualization*, 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 LocationSeville, SPAIN Date NOV 09-10, 2016, ISBN: 978-0-9860419-8-3, **WOS:000392785700327**	0,1	3	0,0333
Florin Stoica, *Formal Verification of Business Processes using Model Checking*, INNOVATION MANAGEMENT AND EDUCATION EXCELLENCE VISION 2020: FROM REGIONAL DEVELOPMENT SUSTAINABILITY TO GLOBAL ECONOMIC GROWTH, VOLS I - VI Page 2563-2575 Published 2016	0,1	1	0,1

Autori, denumire carte/capitol, volum, editură, data publicării, număr pagini, ISBN	Punctaj total	Număr de autori	Punctaj final/autor
Document Type Proceedings Paper Conference Meeting: 27th International Business Information Management Association Conference Location: Milan, ITALY Date: MAY 04-05, 2016 ISBN: 978-0-9860419-6-9, **WOS:000381172301071**			
Laura Florentina Stoica, Florian Mircea Boian, **Florin Stoica**, *A Distributed CTL Model Checker*, PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON E-BUSINESS (ICE-B 2013) Page 379-386 Published 2013 Document Type Proceedings Paper Conference Meeting: 10th International Conference on E-Business (ICE-B) Location Reykjavik, ICELAND Date JUL 29-31, 2013 ISBN: 978-9-8975-8128-1, **WOS:000394460000033**	0,1	3	0,0333
F. Stoica, E. M. Popa, I. Pah, *A new reinforcement scheme for stochastic learning automata – Application to Automatic Control*, ICE-B 2008: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON E-BUSINESS Page 45-50 Published 2008 Document Type Proceedings Paper Conference Meeting: International Conference on e-Business (ICE-B 2008) Location: Oporto, PORTUGAL Date: JUL 26-29, 2008 ISBN 978-989-8111-58-6, **WOS:000258885400010**	0,1	3	0,0333
Florin Stoica, Laura Florentina Cacovean, *Using Genetic Algorithms and Simulation as Decision Support in Marketing Strategies and Long-Term Production Planning*, PROCEEDINGS OF THE 9TH WSEAS INTERNATIONAL CONFERENCE ON SIMULATION, MODELLING AND OPTIMIZATION Book Series: Mathematics and Computers in Science and Engineering Page 435-439 Published 2009 Document Type: Proceedings Paper Conference Meeting: 9th WSEAS International Conference on Simulation, Modelling and Optimization Location Budapest Tech, Budapest, HUNGARY Date SEP 03-05, 2009 ISBN: 978-960-474-113-7, **WOS:000273246400077**	0,1	2	0,05
Total			0,25

*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	C_i - Punctaj
Florin Stoica, Laura Florentina Cacovean, *Using Genetic Algorithms and Simulation as Decision Support in Marketing Strategies and Long-Term Production Planning*, Proceedings of the 9th WSEAS International Conference on SIMULATION, MODELLING AND OPTIMIZATION (SMO '09), Page 435-439, Budapest Tech, Hungary, September 3-5, 2009, ISBN: 978-960-474-113-7, WOS:000273246400077	Josefa Mula, Francisco Campuzano-Bolarin, Manuel Díaz-Madroñero and Katerine M. Carpio, *A system dynamics model for the supply chain procurement transport problem: comparing spreadsheets, fuzzy programming and simulation approaches*, International Journal of Production Research, Volume 51, Issue 13, pp. 4087-4104, DOI 10.1080/00207543.2013.774487, 2013, ISSN 0020-7543 (Print), 1366-588X (Online) **WOS:000321900200017**, AIS: 0.974	Q2	0,75
Dana Simian, **Florin Stoica**, Alina Barbulescu, *Automatic optimized support vector regression for financial data prediction*, NEURAL COMPUTING & APPLICATIONS, Volume 32, Pages: 2383–2396, Published: 2020, ISSN: 0941-0643, WOS:000522553100039	Huang, A., Wu, F. *Two-stage adaptive integration of multi-source heterogeneous data based on an improved random subspace and prediction of default risk of microcredit.* NEURAL COMPUTING & APPLICATIONS Volume 33, Issue 9 Page 4065-4075 Special Issue: SI DOI: 10.1007/s00521-020-05489-z Published MAY 2021, ISSN 0941-0643 **WOS:000588610000002**, AIS: 0,783	Q2	0,75
Dana Simian, **Florin Stoica**, Alina Barbulescu, *Automatic optimized support vector regression for financial data prediction*, NEURAL COMPUTING & APPLICATIONS, Volume 32, Pages: 2383–2396, Published: 2020, ISSN: 0941-0643, WOS:000522553100039	Peng, Y., Li, B. *Construction of listed company management defense indicators based on big data and embedded network technology of the internet of things.* Soft Computing, 2021, DOI: 10.1007/s00500-021-05907-x ISSN 1432-7643 **WOS:000658140600001**, AIS: 0.565	Q3	0,5

Stoica F, Popa E M, *An absolutely expedient learning algorithm for stochastic automata.* WSEAS Trans COMPUTERS, 2007, Volume: 6, Pages: 229–235	XiaoGang Ruan, Xuan Wu, *The skinner automaton: A psychological model formalizing the theory of operant conditioning*, Science China Technological Sciences, Volume 56, Issue 11, pp. 2745-2761, DOI 10.1007/s11431-013-5369-0, Springer Berlin Heidelberg, November 2013, ISSN 1674-7321, **WOS:000326459800017**, AIS: 0.575	Q2	0,75
Stoica F, Popa E M, *A new evolutionary reinforcement scheme for stochastic learning automata.* Proceedings of the 12th WSEAS International Conference on Computers, Heraklion, Greece, July 23-25, 2008. Pages 268–273, ISBN: 978-960-6766-85-5 **WOS:000260369300039**	XiaoGang Ruan, Xuan Wu, *The skinner automaton: A psychological model formalizing the theory of operant conditioning*, Science China Technological Sciences, Volume 56, Issue 11, pp. 2745-2761, DOI 10.1007/s11431-013-5369-0, Springer Berlin Heidelberg, November 2013, ISSN 1674-7321, **WOS:000326459800017**, AIS: 0.575	Q2	0,75
Simian D, **Stoica F**, *A new nonlinear reinforcement scheme for stochastic learning automata.* In: The Proceedings of 12th WSEAS International Conference on Automatic control, Modeling & Simulation, Catania, Sicily, Italy, 2010. 450–454	XiaoGang Ruan, Xuan Wu, *The skinner automaton: A psychological model formalizing the theory of operant conditioning,* Science China Technological Sciences, Volume 56, Issue 11, pp. 2745-2761, DOI 10.1007/s11431-013-5369-0, Springer Berlin Heidelberg, November 2013, ISSN 1674-7321, **WOS:000326459800017**, AIS: 0.575	Q2	0,75
Florin Stoica, Laura Florentina Stoica, *Implementing an ATL model checker tool using relational algebra concepts.* In 22-nd International Conference on Software, Telecommunications and Computer Networks (SoftCOM), pp. 361–366. IEEE (2014), Split, Croatia, SEP 17-19, 2014 WOS:000380555000038	Chung-Hao Huang, Sven Schewe, Farn Wang, *Model-checking iterated games*, Journal - Acta Informatica, 2016, Volume 54, Issue 7, pp 625-654, ISSN: 0001-5903 (print) ISSN: 1432-0525 (electronic), **WOS:000412912200001**, AIS: 0.586	Q2	0,75
Laura Florentina Stoica, **Florin Stoica**, Florian Mircea Boian, *Verification of JADE agents using ATL model checking.* Int. J. Comput. Commun. Control Volume 10, Issue 5, Page: 718–731 (2015) DOI 10.15837/ijccc.2015.5.803 ISSN: 1841-9836 WOS:000358340900009	Chung-Hao Huang, Sven Schewe, Farn Wang, *Model-checking iterated games*, Journal - Acta Informatica, 2016, Volume 54, Issue 7, pp 625-654, ISSN: 0001-5903 (print) ISSN: 1432-0525 (electronic), **WOS:000412912200001**, AIS: 0.586	Q2	0,75

Simian D., **Stoica F.**, *Evaluation of a hybrid method for constructing multiple SVM kernels* ICCOMP'09: Proceedings of the WSEAES 13th international conference on Computers, July 2009 Pages 619–623 ISBN 978-960-474-099-4 WOS:000276790600096	Saad Bin Ahmed, Saeeda Naz, Muhammad Imran Razzak and Rubiyah Yusof, *Arabic Cursive Text Recognition from Natural Scene Images*, Applied Sciences-Basel, 2019, Volume 9, Issue 2, Article Number 236; DOI: 10.3390/app9020236 Published JAN 2 2019 ISSN 2076-3417, **WOS:000459436300026**, AIS: 0.409	Q3	0,5
Dana Simian, **Florin Stoica**, Alina Barbulescu, *Automatic optimized support vector regression for financial data prediction*, NEURAL COMPUTING & APPLICATIONS, Volume 32, Pages: 2383–2396, Published: 2020, ISSN: 0941-0643, WOS:000522553100039	Piotr Fiszede, Witold Orzeszko, *Covariance matrix forecasting using support vector regression*, Applied Intelligence, 2021, Volume 51 Issue 10 Page 7029-7042 DOI: 10.1007/s10489-021-02217-5 Published OCT 2021, ISSN 0924-669X **WOS:000620855400002**, AIS: 0.694	Q2	0,75
Total din 10 citări			7

Gradul de îndeplinire a standardele minimale:

Criterii minime Abilitare	Punctaj obținut
S>4	20,0404
P>2	13,0404
C>1,2	7
Număr articole ISI cu AIS nenul	5
Număr articole ISI cu AIS >0.15	5
Număr articole ISI publicate în Core Economic & Infoeconomics	3

Centralizator:

	Punctaj minimal	Punctaje obținute
Articole (A1+A2) = P	P ≥ 2	13,0404
Citări (B) = C	C ≥ 1,2	7
Total = S = P+C	S = P + C ≥ 4	20,0404

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 → **20,0404** (+16,0404 puncte peste nivelul minim de 4 puncte)

Data,

02.06.2022

Semnătura,

Avizat RECTOR,
Prof. univ. dr. SORIN RADU

English   Products

Web of Science™   Search   Marked List   History   Alerts   Sign In ∨   Register

6 results from Web of Science Core Collection for:

🔍 **stoica f** (Author)   Analyze Results   Citation Report   🔔 Create Alert

Refined By: (Affiliations: LUCIAN BLAGA UNIVERSITY OF SIBIU ✕) (Document Types: Articles ✕) Clear all

🔗 Copy query link

Publications   You may also like…

Refine results

Search within results for…   🔍

Quick Filters

☐ 🔓 Open Access   4
☐ ≡⭐ Enriched Cited References   1

Publication Years   ∨

☐ 2021   1
☐ 2020   1
☐ 2015   1
☐ 2014   1
☐ 2013   1

See all >

Document Types   ∨

☐ Articles   6

Web of Science Categories   ∨

☐ Automation Control Systems   3
☐ Computer Science Information Systems   3
☐ Computer Science Artificial Intelligence 1
☐ Dentistry Oral Surgery Medicine   1
☐ Mathematics   1

Authors   ∨

☐ Stoica F   6
☐ Boitor CG   2
☐ Barbulescu A   1
☐ Bolan FM   1

☐ 0/6   [Add To Marked List]   [Export ∨]   Sort by: Relevance ▼   <   1   of 1   >

☐ 1 **Analysing the Stock Market as an Economic Lever, Using a Qualitative**
🔓   **and a Quantitative Model**
      Cristescu, MP; Nerisanu, RA; (…); Stoica, FL   **63**
      Oct 2021 | MATHEMATICS 9 (19)   References

      (≡⭐ 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 m… Show more

      Free Full Text from Publisher •••   Related records

☐ 2 **Automatic optimized support vector regression for financial data**   **6**
      prediction   Citations
      Simian, D; Stoica, F and Barbulescu, A
      Apr 2020 | NEURAL COMPUTING & APPLICATIONS 32 (7) , pp.2383-2396   **48**
                                                              References
      The aim of this article is to introduce a hybrid approach, namely optimal multiple kernel-
      support vector regression (OMK-SVR) for time series data prediction and to analyze and
      compare its performances against those of support vector regre… Show more

      Full Text at Publisher •••   Related records

☐ 3 **Verification of JADE Agents Using ATL Model Checking**   **2**
🔓   Stoica, LF; Stoica, F and Bolan, FM   Citations
      Oct 2015 | INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL 10   **17**
      (5) , pp.718-731   References

      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 imp… Show more

      Free Full Text from Publisher •••   Related records

☐ 4 **Using the Breeder GA to Optimize a Multiple Regression Analysis**   **4**
🔓   **Model used in Prediction of the Mesiodistal Width of Unerupted Teeth**   Citations
      Stoica, F and Boitor, CG
      Feb 2014 | INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL 9   **20**
      (1) , pp.62-70   References

      For the prediction of the unerupted canine and premolars mesiodistal size, have been
      proposed different variants of multiple linear regression equati… Show more

☐ Cristescu MP	1

See all >

Affiliations ⌄

☐ LUCIAN BLAGA UNIVERSITY OF SIBIU   6
☐ BABES BOLYAI UNIVERSITY FROM CLUJ   1
☐ GEORGE EMIL PALADE UNIVERSITY OF MEDI... 1
☐ OVIDIUS UNIVERSITY   1

Publication Titles ⌄

☐ INTERNATIONAL JOURNAL OF COMPUTERS... 3
☐ JOURNAL OF APPLIED ORAL SCIENCE   1
☐ MATHEMATICS   1
☐ NEURAL COMPUTING APPLICATIONS   1

Publishers ⌄

☐ Ccc Publ-Agora Univ   3
☐ Mdpi   1
☐ Springer Nature   1
☐ Univ Sao Paulo Fac Odontologia Bauru   1

Funding Agencies ⌃

ⓘ

Open Access ⌃

Editorial Notices ⌃

Editors ⌃

Group Authors ⌃

Research Areas ⌃

Countries/Regions ⌃

Languages ⌃

Conference Titles ⌃

Book Series Titles ⌃

Web of Science Index ⌃

For more options, use Analyze Results

---

proposed different variants of multiple linear regression equati ... Show more

Free Full Text from Publisher •••   Related records

☐ 5 🔒 **Prediction of the mesiodistal size of unerupted canines and premolars for a group of Romanian children: a comparative study**

Boitor, CG; Stoica, F and Nasser, H
May-jun 2013 | JOURNAL OF APPLIED ORAL SCIENCE 21 (3) , pp.225-230

Objectives: The aim of the present study was to develop an optimization method of multiple linear regression equation (MLRE), using a genetic algorithm to determine a set of coefficients that minimize the prediction error for the sum of ... Show more

Free Full Text from Publisher •••

3 Citations

18 References

Related records

☐ 6 **Generating JADE agents from SDL specifications**

Stoica, F
2006 | INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL 1 , pp.429-438

SDL (Specification and Description Language) is an object-oriented, formal language defined by The International Telecommunications Union - Telecommunications Standardization Sector (ITU-T), applicable to the specification a ... Show more

•••

9 References

Related records

Page size 50 ⌄   ‹   1   of 1   ›

6 records matched your query of the 75,207,382 in the data limits you selected.