

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Liviu-Adrian Cotfas**

Address

Phone

Email liviu.cotfas@gmail.com

Nationality Romanian

Date of birth 13/06/1985

Work experience

Dates 02/10/2017 →

Name and address of employer **Bucharest University of Economic Studies (Bucharest, Romania)**

Occupation or position held Associate Professor

Main activities and responsibilities Courses taught in **English**: Web and Cloud Applications Security, Windows Applications Programming (.NET Framework / C#), Web Multimedia (HTML5, CSS3, JavaScript).

Dates 17/11/2005 →

Name and address of employer **Softscape Data Solutions SRL (Bucharest, Romania)**

Occupation or position held Owner & Founder

Main activities and responsibilities I have developed or coordinated the development of several ASP.NET Core MVC, ASP.NET MVC, Windows 10 and Windows Phone applications including: CleverTaxi (Windows Phone), CrisTaxi (Windows Phone) and Ziarul Financiar (Windows 8). I have also held several trainings on various Microsoft technologies, including ASP.NET MVC, Windows Presentation Foundation and Silverlight. Some of our clients: Microsoft, ING Bank, European Investment Bank, Generali, CleverTaxi, Intergraph, Best Business Travel, VP Ventures NV, Tremex Consulting.

Dates 17/10/2019 → 31/12/2019

Name and address of employer **University of Naples Federico II (Naples, Italy)**

Occupation or position held Visiting Fellow

Using multi-agent systems for analyzing the companies' behavior in a changing market, the emergency evacuation process and the aircraft boarding process. I have also cooperated in the development of a Master thesis project (Managerial Engineering) aimed at building an agent-based model for the simulation of the evacuation processes in emergency conditions from cruise ships.

Dates 11/09/2018 → 10/10/2018

Name and address of employer **Université de Technologie de Belfort Montbéliard (Montbéliard, France)**

Occupation or position held Invited Professor

Analyzing the opportunities of using IoT and semantic web technologies in an educational context, as well as for creating products with a high degree of personalization and ergonomics.

Dates 01/10/2013 → 30/09/2017

Name and address of employer **Bucharest University of Economic Studies (Bucharest, Romania)**

Occupation or position held	Lecturer
Main activities and responsibilities	Classes taught: Object Oriented Programming (C++), Windows Applications Programming (C#), Multimedia (HTML5, CSS3, JavaScript).
Dates	01/04/2014 → 30/11/2015
Name and address of employer	Franche-Comté University (Montbéliard, France)
Occupation or position held	Researcher
Main activities and responsibilities	Apply the technologies of the semantic web to perform sentiment analysis and information extraction from social media networks, as a member of the project "Communication strategies for the management of post nuclear accident situations: social networks (Stratégie de communication en gestion post-accident nucléaire: usage des médias sociaux)". Writing and submitting a project proposal to Microsoft Research, for which I have been awarded a Microsoft Azure Research Grant with a total value of 20.000\$.
Dates	01/01/2014 → 01/10/2015
Name and address of employer	Carol Davila University of Medicine and Pharmacy (Bucharest, Romania)
Occupation or position held	Researcher
Main activities and responsibilities	Develop a tele-healthcare information system for cardio rehabilitation, as a member of the European project Future Internet Social and Technological Alignment Research (FI-STAR - FP7-604691).
Dates	01/04/2013 → 31/12/2013
Name and address of employer	Polytechnic University of Bucharest (Bucharest, Romania)
Occupation or position held	Researcher
Main activities and responsibilities	Implement a Supervisory Control and Data Acquisition - SCADA system for monitoring and controlling heating, cooling and ventilation in an experimental Passive House. The system has been developed for the European research project POS-CCE No. 181/18.06.2010: Framework for service composition based on ontologies for the aggregation of knowledge and information for intelligent buildings (FCINT). Technologies used: Windows Presentation Foundation, Entity Framework
Dates	01/02/2012 → 30/09/2013
Name and address of employer	Bucharest University of Economic Studies (Bucharest, Romania)
Occupation or position held	Assistant Lecturer
Main activities and responsibilities	Classes taught: Object Oriented Programming (C++), Windows Applications Programming (C#), Assembly Languages and Multimedia.
Dates	01/12/2012 - 31/05/2013
Name and address of employer	Franche-Comté University (Montbéliard, France)
Occupation or position held	Researcher
Main activities and responsibilities	Develop an Alternate Reality Gaming platform that facilitates the creation of immersive learning environments. Highlights: Alternate Reality Games, Transmedia, Gamification, Cloud Computing.
Dates	01/03/2008 → 05/06/2013
Name and address of employer	TotalSoft SA (Bucharest, Romania)
Occupation or position held	Software Developer
Main activities and responsibilities	I have been involved in several projects, including: <ul style="list-style-type: none"> ▪ Vodafone PCViewer - Develop an ASP.NET MVC project based on S#arp Architecture using jQuery, HTML5 and CSS3. The project integrates data from multiple Java web services and relies on NHibernate as ORM. The application offers excellent performance thanks to the extensive usage of client-side data storage and processing implemented using jQuery and HTML5;

- **ExtraFilm** - develop a complex Silverlight project in Belgium between May – Oct. 2010 which has won the **Gold Prize** at Microsoft Shape 2010 - The Web & Cloud Conference;
- **Medicover/CMS** - develop web and desktop applications involving specialized medical protocols like HL7 and DICOM between Jan. 2009 – Apr. 2010;
- **eLicitation** - develop new modules for a complex web application between Sept. – Dec. 2008 and Oct. – Dec. 2011 which has won the Prize for the most complex project developed by TotalSoft in 2008;
- **Ipsos** - develop a web issue tracking application between Mar. – Aug. 2008.

Dates	01/10/2008 → 31/01/2012
Name and address of employer	Bucharest University of Economic Studies (Bucharest, Romania)
Occupation or position held	Pre-Assistant Lecturer
Main activities and responsibilities	Classes taught: Object Oriented Programming (C++), Windows Applications Programming (C#), Assembly Languages and Multimedia.
Dates	01/10/2008 - 01/10/2011
Name and address of employer	Bucharest University of Economic Studies (Bucharest, Romania)
Occupation or position held	Researcher
Dates	05/06/2002 - 01/11/2005
Name and address of employer	Web Expert Pro SRL (Bucharest, Romania)
Occupation or position held	Web Developer
Main activities and responsibilities	Development of web applications using PHP and Flash.
Education and training	
Dates	09/04/2020
Title of qualification awarded	Habilitation
Principal subjects / occupational skills covered	Thesis title - "Recent Advancements in the Artificial Intelligence Domain: Semantic Web, Natural Language Processing and Multi-Agent Systems"
Name and type of organization providing education and training	Bucharest University of Economic Studies
Dates	01/10/2008 - 01/07/2011
Title of qualification awarded	PhD / Doctor of Philosophy
Principal subjects / occupational skills covered	Thesis title - "Distributed Architectures for Collaborative Geographic Information Systems"
Name and type of organization providing education and training	Bucharest University of Economic Studies
Dates	01/10/2010 - 01/06/2011
Title of qualification awarded	PhD Mobility
Principal subjects / occupational skills covered	Main topics: Personalized Recommender Systems and Location Based Services
Name and type of organization providing education and training	Free University of Bozen-Bolzano (Italy)
Dates	01/10/2004 - 01/07/2008
Title of qualification awarded	Bucharest University of Economic Studies
Principal subjects / occupational skills covered	Faculty average 9.58. Bachelor's degree graded with 10.

Name and type of organization providing education and training

Faculty of Cybernetics, Statistics and Informatics, Bucharest University of Economic Studies

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Technical skills and competences

I am a quick learner, adapting quickly to new technologies.

Computer skills and competences

Languages: C# (advanced), C/C++ (intermediate), Python (intermediate), PHP (intermediate), Java (beginner)

Desktop: UWP (advanced), WinRT (advanced), WPF (advanced), Windows Forms (advanced)

Mobile: Windows Phone (advanced), Android (beginner)

Web (server): ASP.NET MVC Core (advanced), ASP.NET WebForms (advanced), PHP (intermediate)

Web (client): HTML5 (advanced), CSS3 (advanced), JavaScript (advanced), jQuery (advanced), Bootstrap (advanced), Silverlight (advanced)

Database/ORM: Entity Framework (advanced), SQL Server (intermediate), MySQL (intermediate), Oracle (intermediate), PostgreSQL (intermediate)

Additional information

Awards/Degrees

2020

Top Reviewer Award from MDPI

“Evaluating Classical Airplane Boarding Methods Considering COVID-19 Flying Restrictions” selected as a **Feature Paper** by the **Symmetry** journal

2019

Top Peer Reviewer awarded for placing in the top **1%** of reviewers in the Cross-Field category in the **Publons (Web of Science)** global reviewer database

Emerald Literati Award for Outstanding Reviewer

4 x ISI Publications Award from UEFISCDI for papers published in Q1 and Q2 in 2019

4 x ISI Publications Award from UEFISCDI for papers published in Q1 and Q2 in 2018

Georgescu Roegen Award for Excellence in Scientific Research awarded by the Bucharest University of Economic Studies

“Greedy Method for Boarding a Partially Occupied Airplane Using Apron Buses” selected as a **Feature Paper** by the **Symmetry** journal

2018

Excellent paper award at The Joint Conference of 2018 International Congress of Grey Systems and Uncertainty Analysis (GSUA) and 32nd Workshop of Grey System Society of China (GSSC)

Certificate of Excellence awarded by 31st IBIMA International Conference, Milano

2016

Certificate of Outstanding Contribution in Reviewing awarded by Physica A: Statistical Mechanics and its Applications

2015

Excellent Paper Award on Highly Commended Paper at the 2015 IEEE International Conference on Grey Systems and Intelligent Services

Microsoft Azure Research Award from **Microsoft Research**

2014	Georgescu Roegen Award for Excellence in Scientific Research awarded by the Bucharest University of Economic Studies
2013	Award for Excellence in Scientific Research from the Bucharest University of Economic Studies Excellent Paper Award on Highly Commended Paper at the 2013 IEEE International Conference on Grey Systems and Intelligent Services
2010 - 2011	PhD Mobility Scholarship at the Free University of Bozen-Bolzano, Italy
2008 - 2011	PhD scholarship at the Bucharest University of Economic Studies
2007 - 2008	Performance scholarship at the Bucharest University of Economic Studies Award for Scientific and Technical Innovation awarded by the Executive Unit for Financing Higher Education, Research, Development and Innovation - UEFISCDI National Finalist of the international Microsoft Imagine Cup competition (Software Design and Embedded Development) with a WPF/Silverlight project implementing an optimized Genetic Algorithm 1st prize Students' Research Competition (Polytechnic University of Bucharest) 1st prize Students' Research Competition - "Software Products Design" and "Software Products Development" sections 2nd prize ITFest Competition - „Web Development" section 2nd prize ICube (Innovation Initiative Incubator) Competition Oracle Academic Initiative Award
2006 - 2007	National Finalist of the international Microsoft Imagine Cup competition (Software Design) with a WPF project 1st prize ITFest Contest - „Web Design" and „Web Development" sections 2nd prize Students' Research Competition - „Database" and „Web Technologies" sections 3rd prize Students' Research Competition - „Object Oriented Programming" and" Data Structures" sections
2005 - 2006	1st prize ITFest Competition - „Web Development" section 2nd prize Students' Research Competition - „Computer programming" section 3rd prize Students' Research Competition - „Micro Economy" section
2004 - 2005	2nd prize Students' Research Competition - „Web Technologies" section
2000 - 2004	Several prizes at Mathematics and Physics contests. I was a member of the excellence classes for Mathematics and Physics in Bucharest.

Publications

36 journal articles, 30 conference proceedings and 3 books
(available at: <https://scholar.google.ro/citations?hl=en&user=nE3eRZAAAAAJ>)

Research projects

Director	“Distributed Architectures for Collaborative Geographic Information Systems” from the Bucharest University of Economic Studies “Semantic Web-based Social Media Emotion Analysis” Microsoft Azure for Research Grant from Microsoft Research with a total value of 20.000\$, while working as a researcher at Franche-Comté University
Partner team leader	“Empirical modelling and experimental development of emerging technologies tools for online social networks” (FutureSocialWeb) from UEFISCDI
Member	“Stratégie de communication en gestion post-accident nucléaire: usage des médias sociaux” “Ontologies based framework for service composition” “Future Internet Social and Technological Alignment Research” “Multi-hazard and vulnerability in the seismic context of the city of Bucharest” “Compared analysis models applied in market studies”

Reviewer

Journals/Conferences More than **170 reviews** for various journals and conferences:

	<p>Kybernetes, Grey Systems - Theory and Application, Journal of Grey Systems (Elsevier), Physica A: Statistical Mechanics and its Applications (Elsevier), Journal of Applied Mathematical Modelling (Elsevier), An International Journal of Optimization, Vietnam Journal of Computer Science, IBIMA Conference (list of reviews: https://publons.com/researcher/1527648/liviu-adrian-coffas/peer-review/) Awards: Top Peer Reviewer (Publons, 2019), Top Reviewer Award (MDPI, 2020)</p>
Research Projects	
2020	Funding agency: UEFISCDI, Romania; Program: EUREKA - 2019
2019	Funding agency: National Science Center, Poland; Program: OPUS 17 Funding agency: UEFISCDI, Romania; Program: PTE 2019 Funding agency: UEFISCDI, Romania; Program: PED 2019
2018	Funding agency: National Science Center, Poland; Program: Polish-Chinese Funding Initiative
Editor	
2020 -	IEEE Access – Associate Editor
2020 -	PLOS ONE – Editorial Board Member
2020 - 2024	Grey Systems Theory and Application (Emerald) – Editorial Advisory Board Member
Journal Guest Editor	
2020	Special issue “Social Media Analysis” in the Designs Journal
2019	Special issue “Application of Fuzzy Logic Algorithms and Grey Systems Theory in Decision-Making” in the Sci Journal
Reviewer Board	
2020 -	Brain Sciences (ISSN 2076-3425) Information (ISSN 2078-2489)
Conference Committee Member	
2020	Member of the program committee for the 35th IBIMA Conference
2020	Member of the scientific committee for ICESS 2020 - The 3rd International Conference on Economics and Social Sciences, organized by the Bucharest University of Economic Studies
2017	International Conference on Grey Systems and Intelligent Services (GSIS)
2014	13 th International Conference on Informatics in Economy (indexed in ISI Web of Science)
2013	12 th International Conference on Informatics in Economy (indexed in ISI Web of Science)
Organizations	
2016 -	Director of the International Association of Grey Systems and Uncertainty Analysis
2016 -	Member of INFOREC
Courses/Certifications	
2014	Course - Machine Learning (Coursera) Course - Semantic Web Technologies (OpenHPI)
2013	Course - Windows 8 Modern Application Development (ENG-CEE) - EMEA467
2008	Exam - Toefl iBT (103 points from 120 maximum) Course - Developing Microsoft ASP.NET 2.0 Web Applications Course - Programming and development of SQL 2005 databases
2007	Course - Training Live @Bitdefender (C/C++, MFC, Windows API, COM, DHTML)
Volunteer activity	
2008 - 2010	President of students' organization Microsoft Students Partners ASE

Projects	Several hands-on laboratories on ASP.NET, Silverlight and Popfly Coordinator of Microsoft MSDN Academic Alliance project Coordinator of Microsoft Academic Resource Kit project Coordinator of Microsoft Academic Tour 2008 event
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Publications List

An updated list of publications is available at: <https://scholar.google.com/citations?user=nE3eRZAAAAAJ&hl=en>

Articles published in international journals

- Ri1. R. John MILNE, Camelia DELCEA, **Liviu-Adrian COTFAS**, *Airplane Boarding Methods that Reduce Risk from COVID-19*, Safety Science, 2020, vol. , 105061, <https://doi.org/10.1016/j.ssci.2020.105061> (ISI – Impact factor 2019: 4.105), ISSN 0925-7535;
- Ri2. R. John MILNE, **Liviu-Adrian COTFAS**, Camelia DELCEA, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Adapting the reverse pyramid airplane boarding method for social distancing in times of COVID-19*, PLOS ONE, 2020, vol. 15, issue 11, <https://doi.org/10.1371/journal.pone.0242131>, (ISI – Impact factor 2019: 2.740), ISSN: 1932-6203 ;
- Ri3. Mostafa SALARI, R. John MILNE, Camelia DELCEA, Lina KATTAN, **Liviu-Adrian COTFAS**, *Social distancing in airplane seat assignments*, Journal of Air Transport Management, Elsevier, 2020, vol. 89, 101915, <https://doi.org/10.1016/j.jairtraman.2020.101915>, (ISI – Impact factor 2019: 3.527), ISSN: 0969-6997 – **Paper included in “Relevant Research” by Elsevier**, link: <https://covid19.elsevierpure.com/en/publications/social-distancing-in-airplane-seat-assignments> ;
- Ri4. R. John MILNE, Camelia DELCEA, **Liviu-Adrian COTFAS**, Corina IOANAȘ, *Evaluation of Boarding Methods Adapted for Social Distancing when using Apron Buses*, IEEE Access, 2020, 8, pp. 151650-151667, <https://doi.org/10.1109/ACCESS.2020.3015736> (ISI – Impact factor 2019: 3.745), ISSN 2169-3536 6997 – **Paper included in “Relevant Research” by Elsevier**, link: <https://covid19.elsevierpure.com/en/publications/evaluation-of-boarding-methods-adapted-for-social-distancing-when> ;
- Ri5. **Liviu-Adrian COTFAS**, Camelia DELCEA, R. John MILNE, Mostafa SALARI, *Evaluating Classical Airplane Boarding Methods Considering COVID-19 Flying Restrictions*, Symmetry 12(7), 1087, <https://doi.org/10.3390/sym12071087>, (ISI – Impact factor 2019: 2.645), ISSN 2073-8994 – **Selected as Feature Paper and Highly Accessed Paper by the journal and included in Relevant Research” by Elsevier**, link: <https://covid19.elsevierpure.com/en/publications/evaluating-classical-airplane-boarding-methods-considering-covid-> ;
- Ri6. Camelia DELCEA, **Liviu-Adrian COTFAS**, Ioana-Alexandra BRADEA, Marcel-Ioan BOLOȘ, Gabriella FERUZZI, *Investigating the Exits’ Symmetry Impact on the Evacuation Process of Classrooms and Lecture Halls: An Agent-Based Modeling Approach*, Symmetry, 2020, 12(4), 627, <https://doi.org/10.3390/sym12040627>, (ISI – Impact factor 2018: 2.143), ISSN 2073-8994;
- Ri7. Camelia DELCEA, Liliana CRACIUN, Corina IOANAS, Gabriella FERRUZZI, **Liviu-Adrian COTFAS**, *Determinants of Individuals’ E-Waste Recycling Decision: A Case Study from Romania*, Sustainability, SI: A Sustainable Revolution: Lets Go Sustainable to Get our Globe Cleaner, 2020, <https://doi.org/10.3390/su12072753>, (ISI- Impact factor 2018: 2.592), ISSN 2071-1050;
- Ri8. R. John MILNE, **Liviu-Adrian COTFAS**, Camelia DELCEA, Mostafa SALARI, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Airplane Boarding Method for Passenger Groups when using Apron Buses*, IEEE Access, 2020, (ISI – Impact factor 2018: 4.098), ISSN 2169-3536;
- Ri9. R. John MILNE, **Liviu-Adrian COTFAS**, Camelia DELCEA, Mostafa SALARI, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Greedy Method for Boarding a Partially Occupied Airplane using Apron Buses*, Symmetry 2019, 11(10), 1221; <https://doi.org/10.3390/sym11101221> (ISI – Impact factor 2018: 2.143), ISSN 2073-8994 (selected by the journal as a **Feature Paper**);
- Ri10. Camelia DELCEA, **Liviu-Adrian COTFAS**, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *An Agent-based Modeling Approach to Collaborative Classrooms Evacuation Process*, Safety Science, 2020, 121, 414-429; <https://doi.org/10.1016/j.ssci.2019.09.026> (ISI – Impact factor 2018: 3.619), ISSN 0925-7535;
- Ri11. Camelia DELCEA, R. John MILNE, **Liviu-Adrian COTFAS**, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Methods for Accelerating the Airplane Boarding Process in the Presence of Apron Buses*, IEEE Access, 2019, 7, pp. 134372-134387, <https://doi.org/10.1109/ACCESS.2019.2941532> (ISI – Impact factor 2018: 4.098), ISSN 2169-3536;
- Ri12. **Liviu-Adrian COTFAS**, Camelia DELCEA, R. John MILNE, Mostafa SALARI, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Testing New Methods for Boarding a Partially Occupied Airplane Using Apron Buses*, Symmetry 2019, 11(8), 1044; <https://doi.org/10.3390/sym11081044>, (ISI – Impact factor 2018: 2.143), ISSN 2073-8994;
- Ri13. R. John MILNE, Camelia DELCEA, **Liviu-Adrian COTFAS**, Mostafa SALARI, *New methods for two-door airplane boarding using apron buses*, Journal of Air Transport Management, Elsevier, 2019, vol. 80, no. 101705, <https://doi.org/10.1016/j.jairtraman.2019.101705>, (ISI – Impact factor 2018: 2.412), ISSN: 0969-6997;
- Ri14. Camelia DELCEA, **Liviu-Adrian COTFAS**, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Establishing the Proper Seating Arrangement in Elevated Lecture Halls for a Faster Evacuation Process*, IEEE Access, 7(1), pp. 48500-48513, <https://doi.org/10.1109/ACCESS.2019.2909637> (ISI – Impact factor 3.557), ISSN 2169-3536;
- Ri15. Camelia DELCEA, **Liviu-Adrian COTFAS**, *Increasing awareness in classroom evacuation situations using agent-based modeling*, Physica A: Statistical Mechanics and its Applications, <https://doi.org/10.1016/j.physa.2019.04.137>, 2019 (ISI – Impact factor 2.132), ISSN 0378-4371;

- Ri16. Camelia DELCEA, **Liviu-Adrian COTFAS**, Carmen Lenuta TRICA, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Modeling the Consumers Opinion Influence in Online Social Media in the Case of Eco-friendly Products*, Sustainability, 2019, 11(6), 1796, <https://doi.org/10.3390/su11061796>, (ISI- Impact factor: 2.075), ISSN 2071-1050;
- Ri17. Camelia DELCEA, **Liviu-Adrian COTFAS**, Mostafa SALARI, R. John MILNE, *Investigating the Random Seat Boarding Method without Seat Assignments with Common Boarding Practices Using an Agent-Based Modeling*, Sustainability 2018, 10(12), 4623; <https://doi.org/10.3390/su10124623> (ISI- Impact factor 2018: 2.592), ISSN 2071-1050;
- Ri18. Camelia DELCEA, **Liviu-Adrian COTFAS**, Liliana CRACIUN, Anca-Gabriela MOLANESCU, *Are Seat and Aisle Interferences Affecting the Overall Airplane Boarding Time? An Agent-Based Approach*, Sustainability 2018, 10(11), 4217; <https://doi.org/10.3390/su10114217>, (ISI- Impact factor 2018: 2.592), ISSN 2071-1050;
- Ri19. Camelia DELCEA, **Liviu-Adrian COTFAS**, Nora CHIRITA, Ionut NICA, *A Two-Door Airplane Boarding Approach When Using Apron Buses*, Sustainability, 10 (10), 3619, 2018, (ISI- Impact factor 2018: 2.592), ISSN 2071-1050, doi: 10.3390/su10103619;
- Ri20. Camelia DELCEA, **Liviu-Adrian COTFAS**, Ramona PAUN, *Agent-based Evaluation of the Airplane Boarding Strategies 'Efficiency and Sustainability*, Sustainability, 10 (6), 1879, 2018, (ISI- Impact factor 2018: 2.592), ISSN 2071-1050, doi:10.3390/su10061879;
- Ri21. Camelia DELCEA, Ioana BRADEA, **Liviu-Adrian COTFAS**, *Analysis of the Healthcare Risks' Incidence on Patients' Wellbeing State*, The Journal of Grey System, no. 1/2016, vol. 28, pp. 191-201, (ISI- Impact factor: 0.725), ISSN 0957-3720, Link: <http://connection.ebscohost.com/c/articles/112989116/analysis-healthcare-risks-incidence-patients-wellbeing-state>
- Ri22. Camelia DELCEA, Emil SCARLAT, **Liviu-Adrian COTFAS**, *Grey Relational Analysis of the Financial Sector in Europe*, The Journal of Grey System, no. 4/2013, vol. 25, pp. 19-30, 2013, (ISI Impact factor: 0.240), ISSN 0957-3720, Link: <http://connection.ebscohost.com/c/articles/93727021/grey-relational-analysis-financial-sector-europe>
- Ri23. Camelia DELCEA , Emil SCARLAT, **Liviu-Adrian COTFAS** - Companies' quality characteristics vs their performance: A grey relational analysis—evidence from Romania, Grey Systems: Theory and Application, vol. 3, no. 2, pp. 129-141, 2013, (EBSCO, INSPEC, ReadCube Discover, Summon), ISSN 2043-9377. <http://www.emeraldinsight.com/doi/abs/10.1108/GS-09-2012-0038>
- Ri24. Camelia DELCEA , Ioana BRADEA, Virginia MĂRĂCINE, Emil SCARLAT, **Liviu-Adrian COTFAS** - GM (1, 1) in bankruptcy forecasting, Grey Systems: Theory and Application, vol. 3, no. 3, pp. 250-265, 2013, (EBSCO, INSPEC, ReadCube Discover, Summon), ISSN 2043-9377. <http://www.emeraldinsight.com/doi/abs/10.1108/GS-08-2013-0014>
- Ri25. **Liviu-Adrian COTFAS**, Ioan Roxin - *Adaptable Alternate Reality Games Platform*. J. Mobile, Embed. Distrib. Syst. 5, 130–135 (2013), (DOAJ, Index Copernicus, EBSCO, Google Scholar, arXiv.org), ISSN: 2067 – 4074, http://www.jmeds.eu/index.php/jmeds/article/view/Adaptable_Alternate_Reality_Games_Platform
- Ri26. **Liviu-Adrian COTFAS** - *A quantum mechanical model for the rate of return*, Rom. Reports Phys., 65(2), pp. 327–333, 2013 (Impact Factor 1.137). http://www.rpp.infim.ro/2013_65_2/art01Cotfas.pdf
- Ri27. **Liviu-Adrian COTFAS**, *A finite-dimensional quantum model for the stock market*, Physica A: Statistical Mechanics and its Applications, vol. 392, no. 2, pp. 371-380, 2013, (ISI - Scor relativ de influență 1.20092, Factor de impact 1.722), 0378-4371.
- Ri28. Ion Smeureanu, Gheorghe Ruxanda, Andreea Diosteanu, Camelia Delcea, **Liviu-Adrian COTFAS**, *Intelligent agents and risk based model for supply chain management*, Technological and Economic Development of Economy, vol. 18, no.3, pp. 452-469, 2012, (ISI - Factor de impact 3.235), 2029-4913.
- Ri29. Ion SMEUREANU, Andreea DIOȘTEANU, Camelia DELCEA, **Liviu-Adrian COTFAS** - *Business Ontology for Evaluating Corporate Social Responsibility*, Amfiteatru Economic, vol. 29, pp. 28-42, 2011, (ISI - Factor de impact 0.757), ISSN 1582-9146.
- Ri30. **Liviu-Adrian COTFAS** - *Collaborative Itinerary Recommender Systems*, Economy Informatics Journal, vol. 11, no. 1, pp. 191-201, 2011, CNCS B+ (Cabell's Directories of Publishing Opportunitie, Directory of Open Access Journal, EBSCO, Index Copernicus, Index of Information Systems Journals, ProQuest), ISSN 1582-7941.
- Ri31. **Liviu-Adrian COTFAS**, Andreea DIOȘTEANU, Stefan Daniel DUMITRESCU, Alexandru SMEUREANU - *Semantic Search Itinerary Recommender Systems*, International Journal of Computers, vol. 5, no.3, pp. 370-377, 2011, (NAUN), ISSN 1998-4308.
- Ri32. Alexandru SMEUREANU, Stefan Daniel DUMITRESCU, **Liviu-Adrian COTFAS**, Andreea DIOȘTEANU - *Using self-organizing neural networks to improve optical network design*, International Journal of Communications, vol. 5, no. 2, pp. 79-86, 2011, (NAUN), ISSN 1998-4480
- Ri33. **Liviu-Adrian COTFAS**, Andreea DIOȘTEANU - *Public transport route finding using a hybrid genetic algorithm*, Informatica Economică, vol. 15, pp. 62-68, 2011, CNCSIS B+ (Directory of Open Access Journal, Cabell's Directories of Publishing Opportunities, EBSCO, ICAAP, Index Copernicus, Index of Information Systems Journals, Inspec, Open J-Gate, ProQuest Central, RePEc, Ulrich's Periodicals Directory), ISSN 1453-1305.
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