

**Lista de lucrări
a candidatului SĂNDULEAC Mihai-Vasile**

I. TEZA DE DOCTORAT

- T1. Sistem expert on-line de analiză în timp real a evenimentelor în rețele electrice, Universitatea POLITEHNICA din București, 1998.

II. CĂRȚI PUBLICATE

- Cb1. Carmen Golovanov, Mihaela Albu, Nicolae Golovanov, Petru Todos, Mircea Chindriș, Andrei Chiciuc, Costin Ștefănescu, Aurelian Calotoiu, **Mihai Sănduleac**, Ștefan Gheorghe, Luminița Elefterescu, Probleme moderne de măsurare în electroenergetică - Editura Tehnică, București 2001, ISBN: 973-31-2065-0
- Cb2. P. Preoteasa, Eugenia Alexandra Aldica, **Mihai Sănduleac**, Mihaela Turcan - Informatica, tehnologii asistate de calculator, manual pentru clasa a X-a, Editura didactica si pedagogica, București 2000, ISBN 973-30-2578-X
- Cb3. Eugeniu Potolea, Dumitru Cioflică, Tatiana Crimu, **Mihai Sănduleac** – Bazele fizice ale Energeticii, Editura POLITEHNICA PRESS, București 2004, ISBN: 978-606-515-591-6
- Cb4. Capitol de carte, Paul Borza, **Mihai Sănduleac**, Ana Maria Mușat, Marius C. Carp - Engineering the future, capitol 20 - Energy and information, SCIYO, 2010, ISBN 978-953-307-210-4
- Cb5. Mircea Eremia, **Mihai Sănduleac**, Lucian Toma, Constantin Bulac, Alisa Manoloiu - Dispozitive FACTS: Concepte și aplicații în electroenergetică, editura AGIR, 2017, ISBN: 978-973-720-682-4, 2017

III. ALTE MATERIALE PUBLICATE

- II. Îndrumar de laborator „Elemente de utilizare avansată a contoarelor de energie electrică în sisteme electroenergetice”, **Mihai Sănduleac**, Lucian Toma – Editura Politehnica Press, 2017, ISBN 978-606-515-766-8

IV. ARTICOLE / STUDII ÎN EXTENSO PUBLICATE

Publicatii indexate BDI

- Ris1. **Mihai Sănduleac**, Mircea Eremia, Lucian Toma, Paul Borza, Integrating the Electrical Vehicles in the Smart Grid through Unbundled Smart Metering and multi-objective Virtual Power Plants, 2011 2nd IEEE PES International Conference and Exhibition on Innovative Smart Grid Technologies (IEEE PES ISGT Europe 2011), Manchester, December 2011, Publicată în: Innovative Smart Grid Technologies (ISGT Europe), 2011 2nd IEEE PES International Conference and Exhibition on , Page(s):1 - 8, (Indexat IeeeXplore, DOI: 10.1109/ISGTEurope.2011.6162786, INSPEC Accession Number: 1257793)

- Ris2. **Mihai Sănduleac**, Catalin Chimirel, Mircea Eremia, Lucian Toma, Joao Martins, Supporting Market Solutions by Calculating Ancillary Services and Quality of Service with Metrology Meters, IEEE PES ISGT Europe 2016, September 2016, Ljubljana, Published in: PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), 2016 IEEE , Page(s):1 - 6, (Indexat IeeeXPlore, DOI: 10.1109/ISGTEurope.2016.7856190)
- Ris3. **Mihai Sănduleac**, Catalin Chimirel, Lucian Toma, Lola Alacreu, Lucas Pons - National and inter-TSO Balancing and Ancillary Services Markets Within a Pyramid of Energy Services, IET MEDPOWER 2016, 6-9 November 2016, Belgrade, Serbia, Published in: Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2016), Mediterranean Conference on , Pages: 1 - 6, (Indexat IeeeXPlore si <http://digital-library.theiet.org/content/conferences/cp711>, DOI: 10.1049/cp.2016.1033)
- Ris4. **Mihai Sănduleac**, C. Arabolu, Lola Alacreu, L. Pons, M. Cresta, M. Paulucci - Combining Voltage Level Monitoring And Voltage Control In Smart Grids With High Penetration Of Renewables In Terni, Italy, IET Medpower 2016, 6-9 November 2016, Belgrade, Serbia, Published in: Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2016), Mediterranean Conference on , Pages: 1 - 6, (Indexat IeeeXPlore si <http://digital-library.theiet.org/content/conferences/cp711>, DOI: 10.1049/cp.2016.1065)
- Ris5. **Mihai Sanduleac**, Ana-Maria Dumitrescu, Luian Toma, Carmen Stanescu, Mihela Albu - On the frequency measurement in Wide Area Measurement and Control Systems, Advanced Topics in Electrical Engineering (ATEE), 2017 10th International Symposium on, 23-25 March 2017, Bucharest, Romania, Published in: Advanced Topics in Electrical Engineering (ATEE), 2017 10th International Symposium on , Pages: 569 - 572, (Indexat IeeeXPlore, DOI: 10.1109/ATEE.2017.7905073)
- Ris6. **Mihai Sanduleac**, Mircea Eremia, Lucian Toma, Lola Alacreu, Lucas Pons, Massimi Cresta, Marco Paulucci - Energy Ecosystem in Smart Cities – Privacy and Security solutions for Citizen’s engagement in a Multi-Stream Environment, ICS2, 2016, Trento, Italy, ISBN:978-1-5090-1845-1, Published in: Smart Cities Conference (ISC2), 2016 IEEE International , Pages: 1 - 4, (Indexat IeeeXPlore, DOI: 10.1109/ISC2.2016.7580739)
- Ris7. **Mihai Sănduleac**, Catalin Chimirel, Mircea Eremia, Lucian Toma, Joao Martins - Metrology based Calculation of Voltage Control services provided by advanced Power Generation modules, 2016 CPE-POWERENG, June 2016, Poland, Published in: Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), 2016 10th International Conference on, Pages: 76 - 81, (Indexat IeeeXPlore, DOI: 10.1109/CPE.2016.7544162)
- Ris8. **Mihai Sănduleac**, Catalin Chimirel, Mircea Eremia, Lucian Toma, Cristea Cristian, Dorel Stanescu - Unleashing Smart Cities efficient and sustainable energy policies with IoT based Unbundled Smart Meters, 2016 Emergitech, August 2016, Mauritius, (Indexat IeeeXPlore, DOI: 10.1109/EmergiTech.2016.7737321, ISBN:978-1-5090-0706-6)
- Ris9. **Mihai Sănduleac**, Carmen Stanescu, Lola Alacreu, Lucas Pons, Alma Solar, Rafael Alemany - Medium/Low Voltage Smart Grid Observability and PQ assessment with Unbundled Smart Meters, IEEE International Energy conference ENERGYCON 2016, 4-8 April, 2016, Leuven, Belgium, Published in: Energy Conference (ENERGYCON), 2016 IEEE International , Pages: 1 - 6, DOI: (Indexat IeeeXPlore, 10.1109/ENERGYCON.2016.7513988)
- Ris10. Cătalin Chimirel, Mircea Eremia, **Mihai Sănduleac** - A New Approach for Technological Ancillary Services Measurement and Aggregation by Metrological

Procedures, 18th Mediterranean Electrotechnical Conference – MELECON 2016, April 18-20, 2016, Limasol, Cyprus, Proceedings Of The 18th Mediterranean Electrotechnical Conference MELECON 2016, Book Series: IEEE Mediterranean Electrotechnical Conference-MELECON, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, Published in: Electrotechnical Conference (MELECON), 2016 18th Mediterranean , Pages: 1 - 6, (indexat IeeeXPlore, DOI: 10.1109/MELCON.2016.7495337)

- Ris11. Mircea Eremia, Lucian Toma, **Mihai Sănduleac** - The Smart City Concept in the 21st Century, Procedia Engineering, Volume 181, 2017, Pages 12–19 (Indexat Science Direct, <http://www.sciencedirect.com/science/article/pii/S1877705817309402>, DOI: <https://doi.org/10.1016/j.proeng.2017.02.357>)

Publicatii indexate ISI

- Vis1. Mihaela Albu, **M. Sănduleac**, Carmen Stănescu - Syncretic use of smart meters for Power Quality monitoring in emerging networks, IEEE Transactions on Smart Grids (Journal), Volume 8, Issue: 1, Pages: 485-492, Published January 2017, Document type: Article, Publisher: IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA, DOI: 10.1109/TSG.2016.2598547, ISSN: 1949-3053, eISSN: 1949-3061, (indexat ISI Proceedings WOS:**000391724500048**)
- Vis2. J. Pitt, Aikaterini Bourazeri, A. Nowak, Magda Roszczynska-Kurasinska, Agnieszka Rychwalska, Inmaculada Rodriguez Santiago, Maite Lopez Sanchez; Monica Florea; **M. Sănduleac** - Transforming Big Data into Collective Awareness, Computer, Volume:46, Issue: 6, Pages: 40-45, June 2013, IEEE Computer Society, Document type: Article, Publisher: IEEE COMPUTER SOC, 10662 LOS VAQUEROS CIRCLE, PO BOX 3014, LOS ALAMITOS, CA 90720-1314 USA, DOI: 10.1109/MC.2013.153, INSPEC Accession Number: 13539194, ISSN 0018-9162, (indexat ISI Proceedings WOS:**000320190500015**)
- Vis3. **M. Sănduleac** , Mihaela Albu , J Martins, M^a Dolores Alacreu, Carmen Stanescu - Power Quality Assessment in LV networks using new Smart Meters design, CPE 2015, June 24-26, 2015, PROCEEDINGS 2015 9TH International Conference On Campatibility And Power Electronics (CPE), Pages: 106-112, Published: 2015, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, DOI: 10.1109/CPE.2015.7231057, ISBN:978-1-4799-6301-0, (indexat ISI Proceedings WOS:**000380468800016**)
- Vis4. C.L. Chimirel, M. Eremia , **M. Sănduleac** - Measurement of Energies within f-P Secondary Control by the Means of Metrological Procedures, ATEE 2015, The 9th International Symposium On Advanced Topics In Electrical Engineering, May 7-9, 2015, Bucharest, Romania, 2015 9TH International Symposium On Advanced Topics In Electrical Engineering (ATEE), Pages: 759-764, Published: 2015, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, DOI: 10.1109/ATEE.2015.7133917, (indexat ISI Proceedings WOS:**000368159800141**)
- Vis5. **Mihai Sănduleac**, Carmen Stanescu, Nicolae Golovanov - Power networks observability, control and automation using Unbundled Smart Meters, 2016 International Conference on Development and Application Systems (DAS), May 2016, Suceava, 2016 13TH International Conference On Development And Application Systems (DAS 2016), Pages: 16-20, Published 2016, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, DOI: 10.1109/DAAS.2016.7492541, ISBN:978-1-5090-1993-9, (indexat ISI Proceedings WOS:**000383222200004**)

- Vis6. **Mihai Sănduleac**, Lucas Pons, Giampaolo Fiorentino, Rares Pop, Mihaela Albu - The unbundled Smart Meter concept in a synchro-SCADA framework, IEEE I2MTC - 2016 International Instrumentation and Measurement technology Conference, May 23-26, 2016, Taipei, Taiwan, 2016 IEEE International Instrumentation And Measurement Technology Conference Proceedings, pages: 752-756, Published: 2016, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, DOI: 10.1109/I2MTC.2016.7520459, ISBN:978-1-4673-9220-4, (indexat ISI Proceedings WOS:**000382523600133**)
- Vis7. **Mihai Sănduleac**, Joao Martins, Fernao Pires - Automating Remote Grid Acceptance and Energy Services Tests suited for large deployments of PV systems in active distribution networks, IECON 2015 - 41ST Annual Conference Of The IEEE Industrial Electronics Society, Yokohama, Japan, November 9-12, 2015, IECON 2015 - 41ST Annual Conference Of The IEEE Industrial Electronics Society, Book Series: IEEE Industrial Electronics Society, pages: 4814-4818, published; 2015, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, DOI: 10.1109/IECON.2015.7392853, ISBN:978-1-4799-1762-4, (indexat ISI Proceedings WOS:**000382950704132**)

Alte publicatii (neindexate BDI sau ISI)

- Vi1. M. Sanduleac, *Recursive Discrete Transformations Applied in Energetics*, Revista Energetica, Romania 9/1988
- Vi2. M. Sanduleac, An Introduction to Expert Systems - General Aspects.; First Romanian Round-Table on Expert Systems Applications in Power Systems; Revista Energetica, Oct.1993
- Vi3. E. Potolea, S. Gheorghe, M. Sanduleac, Online Monitoring and Offline Analysis of the Harmonic State; Paper 36-303 of Session CIGRE'96 – PARIS, FRANCE, septembrie 1996
- Vi4. M. Sanduleac, Virtual Power Plants – solution for efficient integration of distributed energy resources, Revista Energetica, 2009
- Vi5. Smart Grid – Patterns of fractality, Revista Energetica, 2012

V. BREVETE DE INVENȚIE / INOVAȚII

- Br1 **M. Sănduleac**, C. Vâlcea - Dispozitiv prelucrare digitala a stării contactelor, 1987, Brevet nr. 95517/1988.
- Br2 M. Eremia, **M. Sănduleac**, N. Golovanov - Metoda si sistem de comanda in rețelele electrice de distribuție industrială, Brevet nr. 95438/1988
- Br3 **M. Sănduleac**, C. Nan, Circuit de combatere a efectului de flicker, Brevet nr. 98424/1989

VI. CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE

- Pi1. **Nobel Grid**, 2015-2016, HORIZON 2020, proiect european câștigat prin competiție, proiect nr. 646184, liderul proiectului european: ETRA (Spania), participare ca membru în consorțiu din partea ECRO SRL, contribuție Comisia Europeană 626873 Eur, proiect pe 42 luni, încaput pe 01.01.2015, director de proiect din partea ECRO SRL
- Pi2. **Storage4Grid**, 2016-2019, HORIZON 2020, proiect european câștigat prin competiție, proiect nr. 731155, liderul proiectului european: ISMB / Torino (Italia), participare ca

- membru in consortiu din partea Universitatii Politehnica Bucuresti, contributie Comisia Europeana 410437.5 Eur, proiect de 36 luni, inceput pe 01.12.2016, director de proiect din partea Universității Politehnica București
- Pi3. **FENIX**, 2005-2009, FP6, proiect european câștigat prin competiție, lider de proiect european: Iberdrola (Spania), proiect de 48 luni (4 ani), inceput 01.09.2005, participare ca membru in consortiu din partea ECRO SRL, contributie Comisia Europeana 385500 Eur, responsabil proiect din partea ECRO SRL
- Pi4. **RESERVE**, HORISON 2020, proiect european câștigat prin competiție H2020, proiect nr. 727481, liderul proiectului european: Ericsson / Aachen (Germania), participare ca membru in consortiu din partea Universitatii Politehnica Bucuresti, contributie Comisia Europeana 128750 Eur, proiect de 36 luni, inceput pe 01.11.2016, derulare 2016-2019, membru in proiect din partea Universitatii Politehnica Bucuresti
- Pi5. **SUCCESS**, HORISON 2020, proiect european câștigat prin competiție Horison 2020, proiect nr. 700416, liderul proiectului european: Ericsson / Aachen (Germania), participare ca membru in consortiu din partea Centrului Roman al Energiei (CRE), contributie Comisia Europeana 199937,5 Eur, proiect de 30 luni, inceput pe 01.05.2016, membru in proiect din partea entruului Roman al Energiei
- Pn1. Sistem inteligent pentru conștientizare în domeniul energetic - **SEAS**, 2014-2015, proiect câștigat prin competiție ITEA 2, finanțare UEFISCDI, contract nr. 338E/16.06.2014, PN II: Inovare, subprogramul Cooperare europeana Eureka-Eurostars, proiect câștigat prin competiție ITEA2 la nivel european, valoare totala contract 2989349 lei, finanțare de la bugetul de stat 1373875 lei, durata contractului 29 luni, responsabil de proiect.
- Cc1. Contract consultanță Cod măsurare, subcontractare ECRO SRL de către Tractebel Engineering, beneficiar final ANRE, 2014-2015, valoare echivalentă mai mare de 2000 Euro, valoare confidențială.

VII. COMUNICĂRI ȘTIINȚIFICE NEPUBLICATE

- E1. Catalin Chimirel, Mihai Sanduleac, Extension of EMS and DMS – SCADA Facilities by Extended Meter Reading (On-line Meter Reading), IEEE Power & Energy Society Conference, The 9th Mediterranean Conference on Power Generation, Transmission Distribution and Energy Conversion, MedPower 2014.
- E2. M. Sanduleac, ProCLog - An Object Oriented Programming Language for Expert Systems Development; Second International Workshop on Electric Power System Control Centres. Alghero, Italy, June 16-18, 1993
- E3. M. Sanduleac, Nicolae Opris, Metering Billing and Settlement of Ancillary Services; Presentation at Metering Europe 2004 – Berlin, Germany, 28-30 September 2004
- E4. M. Sanduleac, Sub-transmission IPP automation and control for EMS functionality support, RO-CIGRE, 2007, June 28-29, Sibiu
- E5. S. Gal, M. Sanduleac, Integration of Distributed Energy Resources in the National Power System, using Virtual Power Plant concept, as part of emerging Smart Grid technologies. Case Study: Sibiu regional network, GCC CIGRE POWER 2010, Doha, October 2010, Qatar
- E6. J. Martins, M. Sanduleac, Hybrid energy storage solutions for stationary applications, IRES 2011, November 28-30, Berlin

- E7. M. Sanduleac, Smart Grids - Sistemul Cyber-Energetic al secolului 21, Simpozion Omagial de REȚELE ȘI SISTEME ELECTRICE, In Memoriam Academician prof. ing. MARTIN BERCOVICI, București, 18 ianuarie 2011
- E8. M. Sanduleac, Probabilistic Energy Services – A study of the concept, Deregulated Electricity Market Issues in South-Eastern Europe - DEMSEE 2012 Conference - 21 September 2012, Bucharest
- E9. M. Sanduleac, Concepts of Democracy in Power Systems – a Vision within the Smart Grid Paradigm, Romanian Energy Center – Info Days Energy, R&D, ICT, 27-28.09.2012, Romanian Academy
- E10. M. Sanduleac, A short glimpse on two Smart Grid related topics: Virtual Power Plants and Unbundled Smart Meter, Romania Energy Day, CRE, 15.05.2013, Brussels
- E11. Smart Meters – A critical review, Conferinta Smart Grid, 7-9.11.2012, Sibiu, Romania
- E12. M. Sanduleac, Mihaela Albu, Ana-Maria Dumitrescu, Measurement of electrical energy by using Smart Meters – two recent initiatives – Nobel Grid and Flexmeter, IRE, calitatea energiei electrice, Bucuresti, 27 februarie 2015
- E13. M. Sanduleac, Carmen Stanescu, C. Lisman, D. Flamanzeanu - *New Smart Meter design to support Smart Grid functionality*, International Conference on Condition Monitoring, Diagnosis and Maintenance CMDM 2015, Bucharest, Romania, October 5th -8th, 2015
- E14. M. Sanduleac, Light PQ Assessment Method Adapted for Smart Meters, Calitatea Energiei Electrice, al XI-lea simpozion national CEE 2015
- E15. M. Eremia, M. Sanduleac - *System for improvement electrical quality parameters in MV networks*, Integra Energo, Varna 1990, Bulgaria
- E16. Mircea Eremia, Lucian Toma, Alisa Manoloiu, Mihai Sănduleac – Sisteme electroenergetice performante folosind electronica de putere: de la smart grids la smart city, Tutorial în cadrul 13th Edition of WEC Central & Eastern Europe Energy Forum - FOREN 2016, World Energy Council, Costinești, Romania, 12-16 iunie 2016
- E17. M. Eremia, C. Bulac, M. Sanduleac, L. Toma – *Toward intelligent electrical network from generation to consumers*. Tutorial in cadrul 11th Edition of WEC Central and Eastern Edition Europe Energy Forum, FOREN 2012, WEC, Neptun-Olimp, Romania, 17-21 iunie, 2012

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Semnătura

Anexa la lista de lucrari: Lucrari citate

Nr.	Descriere
Citări in reviste si volumele conferințelor ISI si BDI	
C1 – Articolul J. Pitt, Aikaterini Bourazeri, A. Nowak, Magda Roszczynska-Kurasinska, Agnieszka Rychwalska, Inmaculada Rodriguez Santiago, Maite Lopez Sanchez; Monica Florea; M. Sănduleac (9 autori), „Transforming Big Data into Collective Awareness”, Computer (Volume:46, Issue: 6, IEEE Computer Society), June 2013, ISSN 0018-9162, DOI: 10.1109/MC.2013.153 . Urmeaza citari ale acestui articol	
1	C1.1 - Bourazeri, Aikaterini; Pitt, Jeremy, Collective awareness for collective action in socio-technical systems, Book Series: International Conference on Self-Adaptive and Self-Organizing Systems, Pages: 90-95, DOI: 10.1109/SASOW.2014.37, WOS:000380468700020
2	C1.2 - Panagiotis D. Diamantoulakis, Vasileios M. Kapinas, George K. Karagiannidis, Big Data analytics, ELSEVIER Big Data Research, Journal reference: Big Data Research, vol. 2, no. 3, pp. 94-101, Sep. 2015, DOI: 10.1016/j.bdr.2015.03.003, arXiv:1504.02424, https://arxiv.org/abs/1504.02424
3	C1.3 - Nicholas A. James; Arun Kejariwal; David S. Matteson, Leveraging Cloud Data to Mitigate User Experience from "Breaking Bad", Published in: Big Data (Big Data), 2016 IEEE International Conference on, DOI: 10.1109/BigData.2016.7841013
4	C1.4 - Zambonelli, Franco, Engineering self-organizing urban superorganisms, DOI: 10.1016/j.engappai.2014.10.004, WOS: 000353739800028
5	C1.5 - Camarinha-Matos, Luis M.; Goes, Joao; Gomes, Luis, Martins, J., Towards Collective Awareness Systems, Book Series: IFIP Advances in Information and Communication Technology, Volume: 423, Pages: 3-10 DOI: 10.1007/978-3-642-54734-8_1, WOS: 000341133400001
6	C1.6 - Kejariwal, Arun; Lee, Winston; Vallis, Owen, Visual Analytics Framework for Cloud Infrastructure Data, Book Series: IEEE International Conference on Computational Science and Engineering, Pages: 886-893, DOI: 10.1109/CSE.2013.133, WOS:000351950300125
7	C1.7 - Leighton Evans, Maps as Deep: Reading the Code of Location-Based Social Networks, Published in: IEEE Technology and Society Magazine (Volume: 33, Issue: 1, Spring 2014), Pages: 73-80, DOI: 10.1109/MTS.2014.2301858
8	C1.8 - Pitt, Jeremy; Nowak, Andrzej, The Reinvention of Social Capital for Socio-Technical Systems, IEEE TECHNOLOGY AND SOCIETY MAGAZINE, DOI: 10.1109/MTS.2014.2301884, WOS: 000342398400007
9	C1.9 - Strielkowski, W., SOCIAL AND ECONOMIC IMPLICATIONS FOR THE SMART GRIDS OF THE FUTURE, DOI: 10.14254/2071-789X.2017/10-1/22, WOS:000400150400022
10	C1.10 - Gagliardi, D., Schina L., Sarcinella ML., Mangialardi, G., Niglia F., Corallo A., Information and communication technologies and public participation: interactive maps and value added for citizens, DOI: 10.1016/j.giq.2016.09.002, WOS: 000398006200017
11	C1.11 – Chen YF., Lee GM., Shu, L., Crespi, N., Industrial Internet of Things-Based Collaborative Sensing Intelligence: Framework and Research Challenges, DOI: 10.3390/s16020215, WOS: 000371787800116

12	C1.12 –D'Aniello, G., Gaeta A., Gaeta M., Loia V., Reformat MZ., Collective Awareness in Smart City with Fuzzy Cognitive Maps and Fuzzy sets, WOS: 000392150700216
13	C1.13 –Elshenawy, Mohamed; El-Darieby, Mohamed; Abdulhai, Baher, A Cyber-Physical-Social Platform for Intelligent Transportation Systems, WOS: 000386268600012
14	C1.14 –Diamantoulakis, Panagiotis D.; Kapinas, Vasileios M.; Karagiannidis, George K., Big Data Analytics for Dynamic Energy Management in Smart Grids, DOI: 10.1016/j.bdr.2015.03.003, WOS: 000366321200002
15	C1.15 –Lamba, Harjit Singh; Dubey, Sanjay Kumar, Analysis of Requirements for Big Data Adoption to Maximize IT Business Value, WOS: 000381473700069
16	C1.16 –Keogh, Kathleen; Sonenberg, Liz, Designing for Planned Emergence in Multi-agent Systems, 10th Conference Coordination, Organizations, Institutions and Norms in Agent Systems (COIN), Paris, France, May 05, 2014, Book Series: Lecture Notes in Artificial Intelligence, Volume: 9372, Pages: 97-113, WOS: 000380551000007
17	C1.17 –Zakarija, Ivona; Skopljanac-Macina, Frano; Blaskovic, Bruno, Discovering Process Model from Incomplete Log using Process Mining, PROCEEDINGS OF ELMAR-2015 57TH INTERNATIONAL SYMPOSIUM ELMAR-2015, WOS: 000380516500030
18	C1.18 –Bourazeri, Aikaterini; Pitt, Jeremy, A Game-Based Approach for Collective Action in Self-Organising Socio-Technical Systems, Book Series: International Conference on Self-Adaptive and Self-Organizing Systems, Pages: 175-176, WOS: 000361021200020
19	C1.19 –Exposto, Bruno; Pinto, J. G.; Afonso, Joao L., Power Outage Detection Methods for the Operation of a Shunt Active Power Filter as Energy Backup System, Book Series: IFIP Advances in Information and Communication Technology, Pages: 409-416, WOS: 000341133400045
C2 – Articolul: Mihai Sănduleac , Mircea Eremia, Lucian Toma, Paul Borza (4 autori), „Integrating the Electrical Vehicles in the Smart Grid through Unbundled Smart Metering and multi-objective Virtual Power Plants”, IEEE PES ISGT 2011, Manchester, December 2011, DOI: 10.1109/ISGTEurope.2011.6162786 . Urmeaza citari ale acestui articol	
1	C2.1 - Harun Turker; Adrian Radu; S. Bacha; D. Frey; J. Richer; P. Lebrusq, Optimal charge control of electric vehicles in parking stations for cost minimization in V2G concept, pp. 945-951, 2014, DOI: 10.1109/ICRERA.2014.7016525
2	C2.2 - Lucian Toma, Bogdan Otomega, Constantin Bulac, Ion Tristiu, "Coordination of distributed generators through the virtual power plant concept", Innovative Smart Grid Technologies (ISGT Europe) 2012 3rd IEEE PES International Conference and Exhibition on, pp. 1-6, 2012, ISSN 2165-4816, DOI: 10.1109/ISGTEurope.2012.6465769
3	C2.3 - Mihaela Albu, Valentin A. Boicea, Aurelian Craciunescu, Lucian Toma, Ana Maria Dumitrescu, "Smart grid topics in the UPB electrical engineering curricula", Power Engineering Conference (UPEC) 2014 49th International Universities, pp. 1-6, 2014, DOI: 10.1109/UPEC.2014.6934601
4	C2.4 - Lucian Toma, Bogdan Otomega, Ion Tristiu, "Market strategy of distributed generation through the virtual power plant concept", Optimization of Electrical and Electronic Equipment (OPTIM) 2012 13th International Conference on, pp. 81-88, 2012, ISSN 1842-0133, DOI: 10.1109/OPTIM.2012.6231838
C3 – Articolul: M. Sanduleac , L. Pons G. Fiorentino R. Pop and M. Albu (5 autori), “The unbundled smart meter concept in a synchro-SCADA framework ” in Proc. IEEE Int.	

Instrum. Meas. Technol. Conf. May 2016 pp. 752–756, DOI: 10.1109/I2MTC.2016.7520459, ISBN:978-1-4673-9220-4, WOS:000382523600133.	
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1	C3.1 - PMU-Based Distribution System State Estimation with Adaptive Accuracy Exploiting Local Decision Metrics and IoT Paradigm, Paolo Attilio Pegoraro; Alessio Meloni; Luigi Atzori; Paolo Castello; Sara Sulis, IEEE Transactions on Instrumentation and Measurement, Year: 2017, Volume: 66, Issue: 4, Pages: 704 - 714, DOI: 10.1109/TIM.2017.2657938, WOS:000396397900013
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Semnătura