

Lista de lucrări  
Conf.dr.ing Mihai SANDULEAC

Nr. crt.	Articole in extenso in reviste cotate WOS Thomson Reuters	Anul
1	Mihaela Albu, <b>Mihai Sănduleac</b> , Carmen Stănescu - <i>Syncretic use of smart meters for Power Quality monitoring in emerging networks</i> , 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, WOS:000380468800016	2017
2	J. Pitt, Aikaterini Bourazeri, A. Nowak, Magda Roszczynska-Kurasinska, Agnieszka Rychwalska, Inmaculada Rodriguez Santiago, Maite Lopez Sanchez; Monica Florea; <b>Mihai Sănduleac</b> - <i>Transforming Big Data into Collective Awareness</i> , 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, WOS:000320190500015	2013
3	<b>Mihai Sănduleac</b> , G. Lipari, A. Monti, A. Volukidis, G. Zanneto, A. Corsi, L. Toma, G. Fiorentino, D. Federenciuc, <i>Next Generation Real-Time Smart Meters for ICT Based Assessment of Grid Data Inconsistencies</i> , Energies 2017, 10(7), 857; doi:10.3390/en10070857, WOS:000406700200028	2017
4	<b>Mihai Sănduleac</b> , Ciornei, Irina; Albu, Mihaela; Toma, L; Sturzeanu, Marta; Martins, JF, <i>Resilient Prosumer Scenario in a Changing Regulatory Environment-The UniRCon Solution</i> , Energies 2017, 10(7), 857; doi:10.3390/en10070857, WOS:000423156900012	2017
5	<b>Mihai Sănduleac</b> , João F. Martins, Irina Ciornei, Mihaela Albu, Lucian Toma, Vitor Fernão Pires, Lenos Hadjidemetriou, Rooktabir Sauba, <i>Resilient and Immune by Design Microgrids Using Solid State Transformers</i> , Energies 2018, 11(12), 3377; https://doi.org/10.3390/en11123377, WOS:000455358300138	2018
6	<b>Mihai Sănduleac</b> , Lucian Toma, Mircea Eremia, Irina Ciornei, Constantin Bulac, Ion Tristiu, Andreea Iantoc, João F. Martins, Vitor Fernão Pires, <i>On the Electrostatic Inertia in Microgrids with Inverter-Based Generation Only-An Analysis on Dynamic Stability</i> , Energies, Volume: 12, Issue: 17, DOI: 10.3390/en12173274, WOS:000486860500071	2018
	<b>Articole in extenso in volume proceedings indexate WOS Thomson-Reuters</b>	
7	<b>Mihai Sănduleac</b> , Mihaela Albu, J Martins, M <sup>ă</sup> Dolores Alacreu, Carmen Stănescu - <i>Power Quality Assessment in LV networks using new Smart Meters design</i> , CPEE 2015, June 24-26, 2015, PROCEEDINGS 2015 9TH INTERNATIONAL CONFERENCE ON COMPATIBILITY 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, WOS:000380468800016	2015
8	C.L. Chimirel, M. Eremia, <b>Mihai Sănduleac</b> - <i>Measurement of Energies within f-P Secondary Control by the Means of Metrological Procedures</i> , 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, WOS:000368159800141	2015
9	<b>Mihai Sănduleac</b> , Carmen Stănescu, Nicolae Golovanov - <i>Power networks observability, control and automation using Unbundled Smart Meters</i> , 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, WOS:000383222200004	2016
10	<b>Mihai Sănduleac</b> , Lucas Pons, Giampaolo Fiorentino, Rares Pop, Mihaela Albu - <i>The unbundled Smart Meter concept in a synchro-SCADA framework</i> , 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, WOS:000382523600133	2016
11	Irina Ciornei; Mihaela Albu; <b>Mihai Sanduleac</b> ; Andres Felipe Martinez Palomino, <i>Power flow formulation for LVDC microgrids with nonlinear load models</i> , Published in: 2017 IEEE Second International Conference on DC Microgrids (ICDCM), 27-29 June 2017, Nuremburg, Germany, DOI: 10.1109/ICDCM.2017.8001083, WOS:000426893200070	2017

12	Riccardo Tomasi; Jinyong Fu; Maurizio Fantino; Maurizio A. Spirito; <b>Mihai Sanduleac</b> ; Veronika Krauß; João F. Martins; Massimo Minighini; Rasmus Rode Mosbæk, Fostering innovation cooperative energy storage systems: The Storage4Grid project, Published in: 2017 IEEE International Conference on Environment and Electrical Engineering and 2017 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 6-9 June 2017, Milan, Italy, DOI: 10.1109/EEEIC.2017.7977558, WOS:000426764000159	2017
13	Irina Ciornei; Mihaela Albu; <b>Mihai Sanduleac</b> ; Lenos Hadjidemetriou; Elias Kyriakides, Analytical derivation of PQ indicators compatible with control strategies for DC microgrids, Published in: 2017 IEEE Manchester PowerTech, 18-22 June 2017, Manchester, UK, DOI: 10.1109/PTC.2017.7981179, WOS:000411142500386	2017
14	Ewa Piatkowska; Lucas Pons Bayarri; Lola Alacreu Garcia; Kyriaki Mavrogenou; Kostas Tsatsakis; <b>Mihai Sanduleac</b> ; Paul Smith, Enabling novel smart grid energy services with the nobel grid architecture, Published in: 2017 IEEE Manchester PowerTech, 18-22 June 2017, Manchester, UK, DOI: 10.1109/PTC.2017.7981218, WOS:000411142500425	2017
15	Mircea Eremia, Lucian Toma, <b>Mihai Sănduleac</b> - The Smart City Concept in the 21st Century, Procedia Engineering, Volume 181, 2017, Pages 12–19, <a href="http://www.sciencedirect.com/science/article/pii/S1877705817309402">http://www.sciencedirect.com/science/article/pii/S1877705817309402</a> , DOI: <a href="https://doi.org/10.1016/j.proeng.2017.02.357">https://doi.org/10.1016/j.proeng.2017.02.357</a> , WOS:000404612700002	2017
16	Fabio Carmo; João F. Martins; <b>Mihai Sănduleac</b> , A methodology to assess home PV capacity to mitigate wind power forecasting errors, 2017 International Young Engineers Forum (YEF--ECE), 2017, Pages: 47 - 52, DOI: 10.1109/YEF-¿¿ECE.2017.7935639, WOS:000403407200009	2017
17	<b>Mihai Sanduleac</b> , 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, DOI: 10.1109/ATEE.2017.7905073, WOS:000403399400111	2017
18	<b>Mihai Sănduleac</b> , 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, DOI: 10.1109/ISGTEurope.2016.7856190, WOS:000405511300018	2016
19	<b>Mihai Sănduleac</b> , 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, DOI: 10.1109/ISC2.2016.7580739, WOS:000392263700009	2016
20	<b>Mihai Sănduleac</b> , 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, Published in: Emerging Technologies and Innovative Business Practices for the Transformation of Societies (EmergiTech), IEEE International Conference on, Pages: 112 - 117, DOI: 10.1109/EmergiTech.2016.7737321, ISBN:978-1-5090-0706-6, WOS:000391537900022	2016
21	<b>Mihai Sănduleac</b> , 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: 10.1109/ENERGYCON.2016.7513988, WOS:000390822900118	2016
22	Cătalın Chimirel, Mircea Eremia, <b>Mihai Sănduleac</b> - 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, WOS:000390719500036, DOI: 10.1109/MELCON.2016.7495337	2016
23	<b>Mihai Sănduleac</b> , 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, DOI: 10.1109/CPE.2016.7544162, WOS:000389594400011	2016

24	<b>Mihai Sănduleac</b> , Joao Martins, Fernao Pires - <i>Automating Remote Grid Acceptance and Energy Services Tests suited for large deployments of PV systems in active distribution networks</i> , 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, WOS:000382950704132	2015
25	<b>Mihai Sanduleac</b> ; Lucian Toma; Gianfranco Chicco; Mihaela Albu, Network code on requirements for generators — A discussion. Resynchronizing with paradigm shifts, Published in: 2017 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), 26-29 Sept. 2017, Torino, Italy, DOI: 10.1109/ISGTEurope.2017.8260326, WOS:000428016500235	2017
26	Negrea Liviu Andrei; Vladimir Tanasiev; <b>Mihai Sănduleac</b> ; Adrian Badea, Smart metering platform as a solution for data analysis, Published in: 2017 International Conference on ENERGY and ENVIRONMENT (CIEM), 19-20 Oct. 2017, Bucharest, Romania, DOI: 10.1109/CIEM.2017.8120798, WOS:000427610300105	2017
27	<b>Mihai Sănduleac</b> ; Bulac, Constantin; Tanasiev, Vladimir; Dorel Stanescu; Carmen Stanescu; Monica Florea, Energy awareness, an important goal for empowering the end customer, Published in: 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 25-27 May 2017, Brasov, Romania, DOI: 10.1109/OPTIM.2017.7975034, WOS:000426909600090	2017
28	<b>Mihai Sănduleac</b> , A perspective on 50% solar power evolution to support 100% CO2 free electrical energy production, 9th International Renewable Energy Congress (IREC), MAR 20-22, 2018, Hammamet, TUNISIA, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, WOS:000434869100009	2018
29	<b>Mihai Sănduleac</b> , Unbundled Smart meters in the new smart grid era Assessment on compatibility with European standardisation efforts and with IoT features, 2018 19TH IEEE MEDITERRANEAN ELECTROTECHNICAL CONFERENCE (IEEE MELECON'18), MAY 02-07, 2018, Marrakesh, MOROCCO, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, WOS:000435543900007	2018
30	<b>Mihai Sănduleac</b> , Solar-Based Energy Resilience in Future Cities - A Preliminary Study in the Sub-Sunbelt Region, 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), MAR 28-30, 2019, Bucharest, ROMANIA, WOS:000475904500119	2019
31	Irina Picioroaga, Mircea Eremia, <b>Mihai Sănduleac</b> , Optimal Allocation of Energy Storage Systems for Resilient Distribution Networks Focusing on Critical Loads, 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), MAR 28-30, 2019, Bucharest, ROMANIA, WOS:000475904500035	2019
	<b>Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale</b>	
32	<b>Mihai Sănduleac</b> , Mircea Eremia, Lucian Toma, Paul Borza - <i>Integrating the Electrical Vehicles in the Smart Grid through Unbundled Smart Metering and multi-objective Virtual Power Plants</i> , 2011 2nd IEEE PES International Conference and Exhibition on Innovative Smart Grid Technologies (IEEE PES ISGT Europe 2011), Manchester, December 2011, Published in: Innovative Smart Grid Technologies (ISGT Europe), 2011 2nd IEEE PES International Conference and Exhibition on , Page(s):1 - 8, DOI: 10.1109/ISGTEurope.2011.6162786, INSPEC Accession Number: 1257793	2011
33	<b>Mihai Sănduleac</b> , Catalin Chimirel, Lucian Toma, Lola Alacreu, Lucas Pons - <i>National and inter-TSO Balancing and Ancillary Services Markets Within a Pyramid of Energy Services</i> , 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, <a href="http://digital-library.theiet.org/content/conferences/cp711">http://digital-library.theiet.org/content/conferences/cp711</a> , DOI: 10.1049/cp.2016.1033	2016
34	<b>Mihai Sănduleac</b> , C. Arabolu, Lola Alacreu, L. Pons, M. Cresta, M. Paulucci - <i>Combining Voltage Level Monitoring And Voltage Control In Smart Grids With High Penetration Of Renewables In Terni, Italy</i> , 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 <a href="http://digital-library.theiet.org/content/conferences/cp711">http://digital-library.theiet.org/content/conferences/cp711</a> , DOI: 10.1049/cp.2016.1065	2016
35	<b>Mihai Sănduleac</b> ; Mihaela Albu; Lucian Toma; João Martins; Anabela Gonçalves Pronto; Vasco Delgado-Gomes, <i>Hybrid AC and DC smart home resilient architecture Transforming prosumers in UniRCons</i> , Published in: 2017 International Conference on Engineering, Technology and Innovation (ICE/ITMC), 27-29 June 2017, Funchal, Portugal, DOI: 10.1109/ICE.2017.8280070	2017
36	Jinyong Fu; Riccardo Tomasi; Maurizio Fantino; Maurizio A. Spirito; <b>Mihai Sanduleac</b> ; Veronika Krauß; Otilia Werner-Kytölä; Gitte Wad Thybo; Giovanni Paolucci, <i>Towards cooperative ESS for distribution systems with high penetration of RES and EV the Storage4Grid vision</i> , Published in: 2017 International Conference on Engineering, Technology and Innovation (ICE/ITMC), 27-29 June 2017, Funchal, Portugal, DOI: 10.1109/ICE.2017.8279961	2017

37	Dorel Stanescu; <b>Mihai Sănduleac</b> ; Carmen Stanescu, <i>Unbundled meters can boost smart city project</i> , Published in: CIREd - Open Access Proceedings Journal ( Volume: 2017, Issue: 1, 10 2017 ), DOI: 10.1049/oap-cired.2017.0794	2017
38	Jan Ringelstein; Mohamed Shalaby; <b>Mihai Sănduleac</b> ; Lola Alacreu; João Martins; Vasco Delgado-Gomes, <i>Software-driven active customer interface for DER integration</i> , CIREd - Open Access Proceedings Journal ( Volume: 2017, Issue: 1, 10 2017 ), DOI: 10.1049/oap-cired.2017.0561	2017
39	<b>Mihai Sănduleac</b> ; Lucian Toma; Constantin Bulac; Mircea Eremia; Nicolae Golovanov; Radu Porumb; Mihaela Albu; Stefan Gheorghe; Catalin Chimirel, <i>Energy storage for reaching 100% CO2free and 100% RES — preliminary case study for Romania</i> , Published in: 2017 International Conference on ENERGY and ENVIRONMENT (CIEM), 19-20 Oct. 2017, Bucharest, Romania, DOI: 10.1109/CIEM.2017.8120771	2017
40	Irina Ciornei; Mihaela Albu; <b>Mihai Sănduleac</b> ; Enrique Rodriguez-Diaz; Josep Guerrero; Juan C. Vásquez, <i>Real-time optimal scheduling for prosumers resilient to regulatory changes</i> , 2018 IEEE International Energy Conference (ENERGYCON), 3-7 June 2018, Limassol, Cyprus, DOI: 10.1109/ENERGYCON.2018.8398788	2018
41	Lucian Toma; <b>Mihai Sănduleac</b> ; Stefan Andrei Baltac; Francesco Arrigo; Andrea Mazza; Ettore Bompard; Aysar Musa; Antonello Monti, <i>On the virtual inertia provision by BESS in low inertia power systems</i> , 2018 IEEE International Energy Conference (ENERGYCON), 3-7 June 2018, Limassol, Cyprus, Published in: 2018 IEEE International Energy Conference (ENERGYCON), DOI: 10.1109/ENERGYCON.2018.8398755	2018
42	Irina Ciornei ; Mihaela Albu ; <b>Mihai Sănduleac</b> ; Enrique Rodriguez-Diaz ; Remus Teodorescu ; Josep Guerrero, <i>Adaptive Distributed EMS for Small Clusters of Resilient LVDC Microgrids</i> , 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 12-15 June 2018, Palermo, Italy, DOI: 10.1109/EEEIC.2018.8494529	2018
43	Carmen Stanescu; Dorel Stanescu; Mihaela Albu; <b>Mihai Sanduleac</b> , <i>Meter accuracy in renewable energy sources-based prosumer nodes</i> , 2017 International Conference on Modern Power Systems (MPS), 6-9 June 2017, Cluj-Napoca, Romania, DOI: 10.1109/MPS.2017.7974382	2017
44	<b>Mihai Sănduleac</b> , Lucian Toma, Mircea Eremia, Valentin A. Boicea, Dorian Sidea, Alexandru Mandis , <i>Primary Frequency Control in a Power System with Battery Energy Storage Systems</i> , 2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 12-15 June 2018, Palermo, Italy, DOI: 10.1109/EEEIC.2018.8494490	2018
45	<b>Mihai Sănduleac</b> , <i>Energy Storage Needs for Clean Power Systems and the Potential Support from Electrical Vehicles : A Simplified Assessment on Romanian Case</i> , 2018 International Conference and Exposition on Electrical And Power Engineering (EPE), 18-19 Oct. 2018, Iasi, Romania, DOI: 10.1109/ICEPE.2018.8559801	2018
46	Irina-Ioana Picioroagă ; Mircea Eremia ; <b>Mihai Sănduleac</b> , <i>SMART CITY: Definition and Evaluation of Key Performance Indicators</i> , 18-19 Oct. 2018, Iasi, Romania, DOI: 10.1109/ICEPE.2018.8559801	2018
47	Ioan Catalin Damian ; Mircea Eremia ; <b>Mihai Sănduleac</b> , <i>A Cost Effective Boost Converter for a Hybrid Low-Voltage Neighbourhood Network</i> , 18-19 Oct. 2018, Iasi, Romania, DOI: 10.1109/ICEPE.2018.8559799	2018
48	Nicu Constandache ; Dorel M. Stanescu ; <b>Mihai Sănduleac</b> ; Carmen Stanescu ; Ion Tristiu ; Alexandru Mandis, <i>Smart Meters, PMU and PQ data analysis in Active Distribution Grids – Case Studies in MV networks</i> , 4-6 Oct. 2018, Craiova, Romania, DOI: 10.1109/ICATE.2018.8551426	2018
49	<b>Mihai Sănduleac</b> , Mircea Eremia, Irina Picioroagă, <i>Resilience through Self-Sufficiency in Smart Cities: A Preliminary Bucharest Use Case</i> , 2018 International Symposium on Fundamentals of Electrical Engineering (ISFEE), 1-3 Nov. 2018, Bucharest, Romania, DOI: 10.1109/ISFEE.2018.8742461	2018
50	<b>Mihai Sănduleac</b> ; Antonello Corsi ; Tommaso Bragatto ; Dorel Stanescu ; Carmen Stanescu ; Alin Sbarcea, Constantin Bulac, <i>Using Frequency measurements for data consistency assessment related to malicious data injection in distribution related ICT systems</i> , 2018 International Symposium on Fundamentals of Electrical Engineering (ISFEE), , 1-3 Nov. 2018, Bucharest, Romania, DOI: 10.1109/ISFEE.2018.8742414	2018
51	Valentin A. Boicea ; Radu Plămănescu ; Ana-Maria Dumitrescu ; Dorian O. Sidea ; <b>Mihai Sănduleac</b> , <i>Voltage control in low voltage campus distribution with high PV penetration</i> , 2018 International Symposium on Fundamentals of Electrical Engineering (ISFEE), , 1-3 Nov. 2018, Bucharest, Romania, DOI: 10.1109/ISFEE.2018.8742439	2018
52	<b>Mihai Sănduleac</b> , <i>Future Power Systems - the importance and rationale of enforcing and segmenting the electrical energy grid</i> , 2018 International Conference on Power System Technology (POWERCON), 6-8 Nov. 2018, Guangzhou, China, DOI: 10.1109/POWERCON.2018.8601854	2018
53	<b>Mihai Sănduleac</b> , Mihaela Albu, Dorel Stanescu, Carmen Stanescu, <i>Prosumers optimally adapted to local load. Rationale and benefits for the grid</i> , 2019 8th International Conference on Modern Power Systems (MPS), 21-23 May 2019, Cluj Napoca, Romania, DOI: 10.1109/MPS.2019.8759678	2019

54	Tommaso Bragatto, Massimo Cresta, Costas Kalogiros, Marco Paulucci, Francesca Santori, <b>Mihai Sănduleac</b> , <i>Innovative Tools for Demand Response Strategies: a Real-Life Experience</i> , 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 11-14 June 2019, Genova, Italy, DOI: 10.1109/EEEIC.2019.8783584	2019
55	<b>Mihai Sanduleac</b> , Catalin Chimirel, Mihai Paun, <i>PMU Orchestrator as a solution for managing microgrid monitoring with 5G communication</i> , 2019 54th International Universities Power Engineering Conference (UPEC), 3-6 Sept. 2019, Bucharest, Romani, DOI: 10.1109/UPEC.2019.8893555	2019
56	Irina Ioana Picioroagă ; Mircea Eremia ; <b>Mihai Sănduleac</b> , <i>Economic Benefits of Energy Storage and Price-aware Demand Response for Future Smart Cities</i> , 2019 54th International Universities Power Engineering Conference (UPEC), 3-6 Sept. 2019, Bucharest, Romania, DOI: 10.1109/UPEC.2019.8893590	2019
57	Dorian-Octavian Sidea ; Lucian Toma ; <b>Mihai Sanduleac</b> ; Irina-Ioana Picioroaga ; Valentin-Adrian Boicea, <i>Optimal BESS Scheduling Strategy in Microgrids Based on Genetic Algorithms</i> , 2019 IEEE Milan PowerTech, 23-27 June 2019, Milan, Italy, DOI: 10.1109/PTC.2019.8810633	2019
58	<b>Mihai Sănduleac</b> ; Mihaela Albu ; Dorel Stanescu ; Carmen Stanescu, <i>Grid Storage in LV Networks – An Appropriate Solution to Avoid Network Limitations in High RES Scenarios</i> , 2019 International Conference on Electromechanical and Energy Systems (SIELMEN), 9-11 Oct. 2019, Craiova, Romania, Romania, DOI: 10.1109/SIELMEN.2019.8905803	2019
59	Ionut Catalin Damian, Mircea Eremia, <b>Mihai Sănduleac</b> , <i>Fault Analysis of a High Voltage Direct Current Link Using Detailed Equivalent Models for Modular Multilevel Converters</i> , 2019 8th International Conference on Modern Power Systems (MPS), 21-23 May 2019, Cluj Napoca, Romania, DOI: 10.1109/MPS.2019.8759706	2019
60	Lucian Toma ; <b>Mihai Sănduleac</b> ; Dorian-Octavian Sidea ; Carmen Stanescu ; Ciprian Diaconu ; Mihaela Albu ; Ana-Maria Dumitrescu , <i>Frequency Dynamics in the Romanian Power System under Large Perturbations</i> , 2020 55th International Universities Power Engineering Conference (UPEC), 1-4 Sept. 2020, Torino, Italia, DOI: 10.1109/UPEC49904.2020.9209882	2020

Mihai-Vasile SĂNDULEAC  
2020.11