

Thomson Reuters Web of Science journals:

1. Gavrilas Mihai, Rusu Ionut, Gavrilas Gilda, **Ivanov Ovidiu**, Synchronized Phasor Measurements for State Estimation, Revue Roumaine des Sciences Techniques - Serie Electrotechnique et Energetique, Vol. 54, No. 4, Oct – Dec. 2009, ISSN: 0035-4066, Accession Number: WOS:000273123100001, pp. 335-344, 10 pg., 2009 <http://revue.elth.pub.ro/index.php?action=main&year=2009&issue=4>
2. Gavrilas Mihai, Gavrilas Gilda, **Ivanov Ovidiu**, *Electricity load prediction for water supply systems*, Environmental Engineering and Management Journal, Vol.7, No.4, July/August 2008, pp. 453-458, 6 pg., 2008, Accession Number: WOS:000259908700018; ISSN: 1582-9596; eISSN: 1843-3707, <http://omicron.ch.tuiasi.ro/EEMJ/issues/vol7/vol7no4.htm> =  $(25+20*1,258)/3=16.72$
3. Gavrilas Mihai, **Ivanov Ovidiu**, Load profiling by self organization with affinity control strategy, Revue Roumaine des Sciences Techniques-Serie Electrotechnique et Energetique, Vol.53, No.4, Oct – Dec. 2008, ISSN: 0035-4066, pp. 413-421, 9 pg., 2008, Accession Number: WOS:000262136600006; ISSN: 0035-4066 <http://revue.elth.pub.ro/index.php?action=main&year=2008&issue=4>

Thomson Reuters Web of Science indexed proceedings:

1. Kriukov Alexandru, Grigoras Gheorghe, Scarlatache Florina, **Ivanov Ovidiu**, Vicol Bogdan, Use of Fuzzy Techniques in Reliability Assessment of Electric Distribution Systems, Proc. of 2014 16th International Conference on Harmonics and Quality of Power (ICHQP), pag. 29-33, Bucharest, Romania, 25-28 May 2014, Article number 6842928, Category numberCFP14CHP-ART; Code 106304, **ISSN:** 15406008 (Scopus), **DOI:** 10.1109/ICHQP.2014.6842928 (IEEEExplore) Accession Number: WOS:000343776100007, ISBN:978-1-4673-6487-4, ISSN: 2164-0610 (ISI Thomson Reuters)
2. Vicol Bogdan, Gavrilas Mihai, **Ivanov Ovidiu**, Neagu Bogdan, Grigoras Gheorghe, Synchrophasor measurement method for overhead line parameters estimation in MV distribution networks, Proc. of 2014 16th International Conference on Harmonics and Quality of Power (ICHQP), 2014, pp. 862-865, Bucharest, Romania, 25-28 May 2014, Article number 6842833, Category numberCFP14CHP-ART; Code 106304, **ISSN:** 15406008 (Scopus) **DOI:** 10.1109/ICHQP.2014.6842833 (IEEEExplore) Accession Number: WOS:000343776100177, ISBN:978-1-4673-6487-4, ISSN: 2164-0610 (ISI Thomson Reuters)
3. Stativă Andrei, Gavrilas Mihai, **Ivanov Ovidiu**, Optimal Power System Stabilizer design using multiple wide-area input signals, Proc. of 2014 14th International Conference on Environment and Electrical Engineering (EEEIC), pp. 34-39, Krakow, Poland, 10-12 May 2014, Accession Number: WOS:000343491900007, ISBN:978-1-4799-4660-0
4. **Ivanov Ovidiu**, Gavrilas Mihai, Neagu Bogdan - Intelligent Monitoring and Control in Transmission and Distribution Networks, Proc. of 14th International Conference on Optimization of Electrical and Electronic Equipment OPTIM 2014, pag. 185-191, Braşov, România, 22-24 May 2014, Article number 6850918, Category numberCFP1422D-ART; Code 106640 (Scopus) **DOI:** 10.1109/OPTIM.2014.6850918 (IEEEExplore) Accession Number: WOS:000343551300027, ISBN:978-1-4799-5183-3 (Isi Thomson Reuters)
5. Aparaschivei Elena-Diana, Ivanov Ovidiu, Gavrilas Mihai, Load Flow Estimation In Electrical Systems Using Artificial Neural Networks, 2012 International Conference and Exposition on Electrical and Power Engineering, EPE, 25-27 October 2012, Iasi, Romania, pp. 276-279, Accession Number:

WOS:000324685300052, ISBN:978-1-4673-1172-4 (IEEEExplore, ISI Thomson Reuters)  
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6463917&queryText%3DLoad+Flow+Estimaton+In+Electrical+Systems+Using+Artificial+Neural+Networks>

6. Coroama Iulia, Gavrilas Mihai, **Ivanov Ovidiu**, Stahie Vasile, Meta-heuristic-based Methods for Multi-objective Non-conflicting Optimization of Distribution Networks Operation, 2012 International Conference and Exposition on Electrical and Power Engineering, EPE, 25-27 October 2012, Iasi, Romania, pp. 280-285, Accession Number: WOS:000324685300053, ISBN:978-1-4673-1172-4 (Scopus, IEEEExplore, ISI Thomson Reuters), <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6463916&queryText%3DMeta-heuristic-based+Methods+for+Multi-objective+Non-conflicting>
7. **Ivanov Ovidiu**, Gavrilas Mihai, State Estimation for Power Systems with Multilayer Perceptron Neural Networks, 11th Symposium on Neural Network Applications in Electrical Engineering (NEUREL 2012), 20-22 Sept. 2012, pp. 243 – 246 Accession Number: WOS:000318292500052, ISBN: 978-1-4673-1572-2 (ISI Thomson Reuters, Scopus, IEEEExplore) <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6420026>
8. **Ivanov Ovidiu**, Gavrilas Mihai, Intelligent Distributed State Estimation Using REI System Equivalents and Phasor Measurements, Proceedings of the 12th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2010), Brasov, Romania, May 20-22, 2010, ISBN: 978-973-131-7018-1 (CD-ROM), print ISBN: 978-1-4244-7019-8; ISSN: 1842-0133, WOS:000291967300189, pp.1263-1268, 6 pg., 2010 (ISI Thomson Reuters)
9. **Ivanov Ovidiu**, Gavrilas Mihai, Applying Genetic Algorithms to REI system equivalents, Proc. of 2009 IEEE PowerTech Conference, Bucharest, 28 Iunie-2 Iulie 2009, pp. 738-743, WOS:000276834600112 . ISBN:978-1-4244-2234-0, CD-ROM ISBN 978-1-4244-2235-7, Library of Congress 2008901840, IEEE Catalog Number: CFP09815-CDR, 6 pg., 2009 = **25/2=12,5**
10. Gavrilas Mihai, Gavrilas Gilda, **Ivanov Ovidiu**, A Network Reduction Method with Synchronized Phasor Measurements, Pceedings of the 9-th WSEAS/IASME International Conference on Electric Power Systems, High Voltage, Electric Machines (POWER '09), Genova, Italy, Oct. 17-19, 2009, Book Series: Recent Advances in Electrical Engineering and CD-ROM, pp. 92-97, WOS:000276614400013, ISBN:978-960-474-130-4, ISSN: 1790-5117. 6 pg., 2009
11. **Ivanov Ovidiu**, Gavrilas Mihai, Improving WLS estimation results using PMU measurements, Proceedings of the 9-th WSEAS/IASME International Conference on Electric Power Systems, High Voltage, Electric Machines (POWER '09), Genova, Italy, Oct. 17-19, 2009, Book Series: Recent Advances in Electrical Engineering, WOS:000276614400014, ISBN: 978-960-474-130-4; ISSN 1790-5117, pp. 98-103, 6 pg., 2009
12. Gavrilas Mihai, **Ivanov Ovidiu**, Gavrilas Gilda, A New Static Network Reduction Technique Based on REI Equivalents and Genetic Optimization, Pceedings of the 8th WSEAS International Conference on Power Systems and Power Technology (PS '08), Santander, Cantabria, Spain, Sept. 23-25, 2008, Book Series: Recent Advances in Electrical Engineering ISBN: 978-960-474-006-2, pp. 106 – 111, 6 pg., 2008
13. Gavrilas Mihai, **Ivanov Ovidiu**, Gavrilas Gilda, Load Profiling with Fuzzy Self-Organizing, 9th Symposium on Neural Network Applications in Electrical Engineering NEUREL 2008, Sept. 25–27, 2008, Belgrade, Serbia, CD-ROM, ISBN: 978-1-4244-2903-S, 5 pg., 2008, Accession Number: WOS:000264857900013, ISBN:978-1-4244-2903-5

Papers indexed in other international databases:

1. **Ivanov Ovidiu**, Gavrilăş Mihai, State estimation with Neural Networks and PMU voltage measurements, 8th International Conference and Exposition on Electrical and Power Engineering, EPE 2014; Iasi; Romania; 16 October 2014 through 18 October 2014; Pages 983-988, Article number 6970056, Category number CFP1447S-ART; Code 109547, **ISBN**: 978-147995849-8 (Scopus), **DOI**: 10.1109/ICEPE.2014.6970056 (IEEE Explore)
2. Gavrilăş Mihai, **Ivanov Ovidiu**, Gavrilăş Gilda, Electricity load forecasting based on a mixed statistical-neural-computational intelligence approach, 12th Symposium on Neural Network Applications in Electrical Engineering, NEUREL 2014; School of Electrical Engineering, University of Belgrade, Belgrade; Serbia; 25 November 2014 through 27 November 2014, Pages 61-66; Category number CFP14481-ART; Code 110177, Article number 7011461, **ISBN**: 978-147995888-7, **DOI**: 10.1109/NEUREL.2014.7011461 (IEEE, Scopus)
3. **Ivanov Ovidiu**, Gavrilăş Mihai, Multilayer Perceptron architecture optimization for peak load estimation, 12th Symposium on Neural Network Applications in Electrical Engineering, NEUREL 2014; School of Electrical Engineering, University of Belgrade, Belgrade; Serbia; 25 November 2014 through 27 November 2014, Pages 67-72; Category number CFP14481-ART; Code 110177, Article number 7011462, **ISBN**: 978-147995888-7, **DOI**: 10.1109/NEUREL.2014.7011462 (IEEE, Scopus)
4. Grigoraş Gheorghe, **Ivanov Ovidiu**, Gavrilăş Mihai, Customer classification and load profiling using data from Smart Meters, 12th Symposium on Neural Network Applications in Electrical Engineering, NEUREL 2014; School of Electrical Engineering, University of Belgrade, Belgrade; Serbia; 25 November 2014 through 27 November 2014, Pages 73-78; Category number CFP14481-ART; Code 110177, Article number 7011464, **ISBN**: 978-147995888-7, **DOI**: 10.1109/NEUREL.2014.7011464 (IEEE, Scopus)
5. **Ivanov, Ovidiu**, Gavrilăş, Mihai, Vicol Bogdan, New models for power systems state estimation, UPB Scientific Bulletin, Series C: Electrical Engineering, Volume 74, Issue 1, 2012, Pages 181-188, **ISSN**: 1454234X (Scopus)
6. Rakotoarimanana Liva Graffin, Gavrilăş Mihai, **Ivanov Ovidiu**, Multiobjective Optimization of Capacitor Banks Placement in Distribution Networks, volume Latest Advances in Information Science, Circuits and Systems, Proceedings of the 13th WSEAS Conference on Evolutionary Computing (EC '12), "G. Enescu" University, Iasi, Romania, June 13-15, 2012, **ISSN**: 1790-5109, **ISBN**: 978-1-61804-099-2, pp. 87-92, 6 pg., 2012 (Google Scholar) <http://www.wseas.us/conferences/2012/iasi/ProgramIasi.pdf>
7. Coroama Iulia, Gavrilăş Mihai, **Ivanov Ovidiu**, A hybrid Differential Evolution – Analytic Hierarchy Process Method for Multi-objective Optimization, volume Latest Advances in Information Science, Circuits and Systems, Proceedings of the 13th WSEAS Conference on Evolutionary Computing (EC '12), "G. Enescu" University, Iasi, Romania, June 13-15, 2012, **ISSN**: 1790-5109, **ISBN**: 978-1-61804-099-2, pp. 93-98, 6 pg., 2012 (Google Scholar) <http://www.wseas.us/e-library/conferences/2012/iasi/NEFIC/NEFIC-11.pdf>

8. Vicol Bogdan, Gavrilas Mihai, **Ivanov Ovidiu** - Modern Technologies for Power Systems Monitoring, Proc. of 5<sup>th</sup> International Symposium on Electrical Engineering and Energy Converters, ELS 2013, September 26 - 27, 2013, Buletinul AGIR nr.3, iulie-septembrie 2013, ISSN-L 1224-7928, Online: ISSN 2247-3548 p.299-305 (BDI: Index Copernicus, Academic Keys, getCITED) <http://www.buletinulagir.agir.ro/articol.php?id=1852>
9. Neagu Bogdan, Georgescu Gheorghe, **Ivanov Ovidiu** - A New Approach for Electric Energy Distribution Network Routes Optimization, Buletinul Institutului Politehnic din Iasi, Tomul LIX (LXIII), Fasc. 3, 2013, ISSN [1223-8139](#), p. 129-140 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's) <http://www.bulipi-eee.tuiasi.ro/archive/2013/fasc.3/2013f3sumar.pdf>
10. Coroama Iulia, Gavrilas Mihai, **Ivanov Ovidiu**, Multi-objective Pareto Optimization problem for technical, economical and environmental objectives, Buletinul AGIR, nr. 3, iunie-august 2012, ISSN-L: 1224-7928, ISSN: 2247-3548, pp.587-594, 8 pg., 2012 (Index Copernicus) [http://www.buletinulagir.agir.ro/numar\\_revista.php?id=74](http://www.buletinulagir.agir.ro/numar_revista.php?id=74)
11. Kriukov Alexandru, Vicol Bogdan, Gavrilas Mihai, **Ivanov Ovidiu**, A stochastic method for calculating energy losses in low voltage distribution networks using genetic algorithms, Buletinul AGIR, nr. 3, iunie-august 2012, ISSN-L: 1224-7928, ISSN: 2247-3548, pp.595-602, 8 pg., 2012 (Index Copernicus) [http://www.buletinulagir.agir.ro/numar\\_revista.php?id=74](http://www.buletinulagir.agir.ro/numar_revista.php?id=74)
12. **Ivanov Ovidiu**, Gavrilas Mihai, Enhanced REI equivalents with phasor measurements, Buletinul Institutului Politehnic Iasi, Tom LVII (LXI), Fasc. 1, 2011, Electrotehnica, Energetica, Electronica, pp. 125-132, 8 pg., 2011 140 (CNCSIS B+, Index Copernicus, getCITED, Ulrich's) <http://www.bulipi-eee.tuiasi.ro/archive/2011/fasc.1/2011f1sumar.pdf>
13. Coroama Iulia, Gavrilas Mihai, **Ivanov Ovidiu**, A Genetic Algorithm Approach to Voltage-VAR Control in Systems with Distributed Generation, Proceedings of the 11th WSEAS International Conference on Mathematical Methods And Computational Techniques In Electrical Engineering (MMACTEE '10), Timisoara, Romania, October 21-23 2010, pp.104-109, 6 pg., 2010, Code 85094, **ISBN**: 978-960474238-7 (Scopus)
14. Gavrilas Mihai, **Ivanov Ovidiu**, Gavrilas Gilda, REI equivalent design for electric power systems with genetic algorithms, WSEAS Transactions on Circuits and Systems, Issue 10, Volume 7, October 2008, ISSN: 1109-2734, p 911-921, 11 pg., 2008. <http://www.worldses.org/journals/circuits/circuits-2008.htm> (Scopus)
15. Gavrilas Mihai, **Ivanov Ovidiu**, Load Profiling by Self Organization with Affinity Control Strategy, Proceedings of the National Symposium of Theoretical Electrical Engineering – SNET, October 2007, Bucuresti, Romania, CD-ROM and pp 129-134, 6 pg., 2007 (Google Scholar) <http://scholar.google.ro/scholar?oi=bibs&cluster=17332485040543687797&btnI=1&hl=en>
16. Gavrilas Mihai, **Ivanov Ovidiu**, Sfintes C.Viorel, Enhanced Particle Swarm Optimization Method For Power Loss Reduction In Distribution Systems, Proceedings of the International Conference on Electricity Distribution – CIRED, May 2007, Viena, Austria, Paper 0088, CD-ROM, pp. 1-4, 4 pg., 2007 (Google Scholar) [http://www.cired.net/publications/cired2007/pdfs/CIRED2007\\_0088\\_paper.pdf](http://www.cired.net/publications/cired2007/pdfs/CIRED2007_0088_paper.pdf)

17. Gavrilas Mihai, Sfintes C.Viorel, **Ivanov Ovidiu**, Demand Response Modeling Under Electricity Market Conditions Using An Object-Oriented Approach, Analele Universitatii din Craiova , seria Inginerie Electrica, nr. 31, vol. II, 2007, 6th International Conference on Electromechanical and Power System, SIELMEN 2007, Chisinau, Rep. Moldova, CD-ROM and pp. 339-344, 6 pg., 2007 (Google Scholar) <http://elth.ucv.ro/fisiere/anale/2007/102.pdf>
18. Gavrilas Mihai, Sfintes C.Viorel, **Ivanov Ovidiu**, Comparison of neural and evolutionary approaches to peak load estimation in distribution systems, Proceedings of the EUROCON 2005 Conference, Nov 21-24, Belgrad, Serbia, Volume II, Article number 1630239, Pages 1461-1464, 4 pg., 2005, **ISBN:** 142440049X;978-142440049-2 (Scopus), DOI: [10.1109/EURCON.2005.1630239](https://doi.org/10.1109/EURCON.2005.1630239) (IEEExplore)
19. Gavrilas Mihai, **Ivanov Ovidiu**, Distribution systems optimization with computational intelligence algorithms, The Annals of “Dunarea de Jos” University of Galati, Fascicle III, Electrotechnics, Electronics, Automatic control, Informatics, ISSN 1221-454X, pp. 49-56, 7 pg., 2006, <http://www.ann.ugal.ro/eeai/archives/2006/Lucrare-09-Gavrilas.pdf>