

Lista lucrărilor științifice publicate în întreaga activitate

A. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal (ISI și ISI Proceedings)

1. Nicoara, I.I.; Terpan, M.; **Vlad, C.**; Bichescu, C.I.; Ciubara, A., „*Ethanol Dependence in the Context of the Covid-19 Pandemic. Comparative Study between January-March 2019-2021*”, *Brain-broad research in artificial intelligence and neuroscience Journal*, Volume 13, Issue 1, Page 124-134, Supplement 1, DOI 10.18662/brain/13.1Sup1/308, published April 2022, **Factor de impact: 2.3**;
2. Dinu, B.; **Vlad, C.**; Balan, G.; Luca, L.; Bichescu, C.I., „*Impact of COVID-19 Pandemic on Gambling*”, *Brain-broad research in artificial intelligence and neuroscience Journal*, Volume 13, Issue 1, Page 383-387, Supplement 1, DOI 10.18662/brain/13.1Sup1/325, published April 2022, **Factor de impact: 2.3**;
3. Darie, C., Terpan, M., **Vlad, C.**, „*The effects of virtual world captivity during the COVID-19 pandemic*”, *Archiv Euromedica Journal*, Volume 11, Issue 5, Page 48-51, DOI 10.35630/2199-885X/2021/11/5.13, published 2021;
4. **C. Vlad**, Barbu M., Vilanova R., „*Intelligent control of a distributed energy generation system based on renewable sources*”, *Sustainability Journal*, 8, 748, 2016, **Factor de impact: 1.789**;
5. **C. Vlad**, Bratcu A.I., Munteanu I., Epure S., „*Real-time replication of a stand-alone wind energy conversion system: Error analysis*”, *International Journal of electrical power & Energy systems*, Vol. 55, pp. 562-571, ISSN: 0142-0615, 2014, **Factor de impact: 2.587**;
6. **C. Vlad**, I. Munteanu, A.I. Bratcu, E. Ceangă, „*Output power maximization of low-power wind energy conversion systems revisited: Possible control solutions*”, Vol.51, issue 2, pp. 305-310, *Energy Conversion and Management* – ISSN: 0196-8904, 2010, **Factor de impact: 2.072**;
7. **C. Vlad**, I. Munteanu, A.I. Bratcu, E. Ceangă, „*Anticipative Control of Low-Power Wind Energy Conversion Systems for Optimal Power Regime*”, *Control Engineering and Applied Informatics*, ISSN - 1454-8658, Vol.11, nr.4, pp.26-35, 2009, **Factor de impact: 0.775**;
8. **C. Vlad**, M. Sbarciog, M. Barbu, S. Caraman, A. Vande Wouwer, „*Indirect Control of Substrate Concentration for a Wastewater Treatment Process by Dissolved Oxygen Tracking*”, *Control Engineering and Applied Informatics*, vol. 14, nr. 1, pp. 37-47, 2012, **Factor de impact: 0.775**.

ISI Proceedings

1. **C. Vlad**, Burlibașa A., Munteanu T., „*Low cost control solution to optimize autonomous wind energy conversion*”, 4th International Symposium on Electrical and Electronics Engineering (ISEEE), Galati, Romania, 11-13 Oct., doi 10.1109/ISEEE.2013.6674350, 2013, *Articol indexat ISI Proceedings*;
2. Dumitrescu M., Munteanu T., Gurguiatu G., **C. Vlad** and Floricău D., „*Power Delivery System Nonsinusoidal Regime Analysis*”, 9th International School on Nonsinusoidal Currents and Compensation (ISNCC2008), Lagow, Poland; jun. 10-13, pg. 86-91, Published on Przegląd



Elektrotechniczny, WOS:000261799200012, ISBN: 978-1-4244-2129-9, 2008, *Articol indexat ISI Proceedings*;

3. Floricău D., **C. Vlad**, „*A new five-level rectifier based on parallel switching cells and stacked coupled inductors*”, 2014 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), 22-24 May 2014, Bran, Romania, doi: 10.1109/OPTIM.2014.6850970, pp. 621 – 626, 2014, *Articol indexat ISI Proceedings*;
4. **C. Vlad**, Bancila M. A., Munteanu T., Murariu G., „*Using renewable energy sources for electric vehicles charging*”, 4th International Symposium on Electrical and Electronics Engineering (ISEEE), Galati, Romania, 11-13 Oct., doi 10.1109/ISEEE.2013.6674350, 2013, *Articol indexat ISI Proceedings*;
5. Gurguiatu G., Munteanu T., Dumitrescu M., **C. Vlad**, Iliuță M., „*Electrical Network Simulation for Increasing Quality*”, 2nd International Conference on Electrical and Electronics Engineering (ICEEE 2005), Mexico City, Mexico, Sep 07-09, pp. 286-291, ISBN: 0-7803-9230-2, doi: 10.1109/ICEEE.2005.1529628, 2005, *Articol indexat ISI Proceedings*;
6. **C. Vlad**, Marian Barbu, Silviu Epure, „*Low power autonomous wind system automatic control*”, 13th International Conference on Development and Application systems, Suceava, Romania, 19-21 Mai, pp. 57-62, ISBN: 978-1-5090-1993-9, doi:10.1109/DAAS.2016.7492548, 2016, *Articol indexat ISI Proceedings*;
7. **C. Vlad**, Silviu Epure, Gelu Gurguiatu, Ciprian Daniel Bălănuță, Toader Munteanu, „*Small power wind system automatic control*”, 13th International Conference on Development and Application systems, Suceava, Romania, 19-21 Mai, pp. 113-120, ISBN: 978-1-5090-1993-9, doi:10.1109/DAAS.2016.7492558, 2016, *Articol indexat ISI Proceedings*;
8. Badea N., **C. Vlad**, Anders Stolan, „*Comparative study of energy performance for two mCCHP systems used in domestic residence*”, The 3rd international symposium on electrical and electronics engineering- ISEEE2010, September 16-18, Galati, Romania, IEEE catalog number CFP1093K-PRT, Special session 4-Integrated micro cchp based on renewable energy sources, pp. 321-326, doi: 10.1109/ISEEE.2010.5628489, ISBN 978-1-4244-8409-6, 2010, *Articol indexat ISI Proceedings*;
9. **C. Vlad**, Munteanu I., Bratcu A.I., Ceangă E., „*A Peak Power Tracker for Low-power Permanent-magnet-synchronous-generator-based Wind Energy Conversion Systems*”, Proceedings of the 12th WSEAS International Conference on SYSTEMS, Heraklion, Greece, July 22-24, Pages: 407-412, ISBN: 978-960-6766-83-1, ISSN: 1790-2769, WOS:000260669900066, 2008, *Articol indexat ISI Proceedings*;
10. **C. Vlad**, Marian Barbu, Ramon Vilanova, „*Fuzzy control of an electrical energy generation system based on renewable sources*”, 21th IEEE International Conference on Emerging Technologies and Factory Automation – ETFA 2016, 6-9 september, Berlin, WOS:000389524200089, 2016, *Articol indexat ISI Proceedings*;
11. Silviu Epure, **Ciprian Vlad**, Romeo Păduraru, Marian Barbu, „*INTELSIS–Photovoltaic Test Bench. First Experimental Results*”, 22nd IEEE International Conference on Emerging Technologies and Factory Automation - ETFA 2017, WOS:000427812000189, 12-15 September, Limassol, Cyprus, 2017, *Articol indexat ISI Proceedings*;
12. **Ciprian Vlad**, Romeo Păduraru, Silviu Epure, Marian Barbu, Cristinel Dache, Cristian Victor Lungu, „*PV emulation under commercially available programmable DC voltage source*”, 5th International Symposium on Electrical and Electronics Engineering – ISEEE 2017, 20-22 October, Galati, Romania, WOS:000428234400047, 2017, *Articol indexat ISI Proceedings*;

13. Silviu Epure, **Ciprian Vlad**, Romeo Păduraru, „*Hardware configuration of DC-DC converter for renewable energies conversion*”, 5th International Symposium on Electrical and Electronics Engineering – ISEEE 2017, Special session 3 - Power Electronics and Renewable Energy, 20-22 October, Galati, Romania, WOS:000428234400073, 2017, *Articol indexat ISI Proceedings*;
14. **Ciprian Vlad**, Emil Ceangă, Marian Barbu, Ramon Vilanova, „*Prediction Techniques in Control of Energy Micro-Systems Based on Renewable Sources*”, 21st International Conference on System Theory, Control and Computing (ICSTCC), October 19 - 21, Sinaia, Romania, WOS:000427419900133, 2017, *Articol indexat ISI Proceedings*;
15. Gabriel Murariu; Dan Munteanu; Alexandru Dorosencu; Adrian Murariu; Lucian Dinca; Marian Tudor; Mihai Daniel Dragu; **Ciprian Vlad**; Silvius Stanciu, „*The identification method of tree species using UV-VIS-IR technology and deep learning methods. Case study – Independenta Forest*”, 22nd International Conference on System Theory, Control and Computing (ICSTCC), doi: 10.1109/ICSTCC.2018.8540779, pp: 524 – 528, 2018, *Articol indexat ISI Proceedings*;
16. **Ciprian Vlad**; Adriana Burlibaşa; Romeo Păduraru; Silviu Epure; Cristinel Dache; Cristian Victor Lungu; Lucian Puiu Georgescu; Gabriel Murariu, „*Wind Turbine Emulation Using Permanent Magnet Synchronous Generator*”, Published in: 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), doi: 10.1109/ICSTCC.2018.8540664, pp. 46-52, *Articol indexat ISI Proceedings*;
17. Urem F.; **Vlad C.**; Voncila I., „*Education for technology transfer to small and medium entrepreneurship - Results of the T4 project implementation*”, 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), Opatija, Croatia, May 20-24, WOS:000484544500256, 2019, *Articol indexat ISI Proceedings*;
18. Murariu, G.; Dragu, M.; Rosu, B.; Epure, S.; **Vlad, C.**, „*Updating an electric propulsion UAV device for long range missions*”, 6th International symposium on electrical and electronics engineering (ISEEE), Galati, Romania, october 18-20, 2019, WOS:000614815800046, ISBN 978-1-7281-2906-8, ISSN 2378-3907, *Articol indexat ISI Proceedings*;
19. Murariu, G.; Dragu, M.; Georgescu, L., Rosu, B.; Epure, S.; **Vlad, C.**, „*Design Optimization of Electric Traction UAVs*”, 6th International symposium on electrical and electronics engineering (ISEEE), Galati, Romania, october 18-20, 2019, WOS:000614815800021, ISBN 978-1-7281-2906-8, ISSN 2378-3907, *Articol indexat ISI Proceedings*;
20. Murariu, G.; **Vlad, C.**; Munteanu, D.; Mocanu, G.D.; Iancu, S.N.; Domintanu, V.C.; Ionescu, C.; Tudoran, R.A.; Epure, S.; „*Personal seismograph system - a functional prototype*”, 6th International symposium on electrical and electronics engineering (ISEEE), Galati, Romania, october 18-20, 2019, WOS:000614815800038, ISBN 978-1-7281-2906-8, ISSN 2378-3907, *Articol indexat ISI Proceedings*;
21. Murariu, G.; Epure, S.; Munteanu, D.; **Vlad, C.**; Domintanu, V.C.; Mocanu, G.D.; Ionescu, C.; Tudoran, R.A.; „*Disaster management system*”, 6th International symposium on electrical and electronics engineering (ISEEE), Galati, Romania, october 18-20, 2019, WOS:000614815800048, ISBN 978-1-7281-2906-8, ISSN 2378-3907, *Articol indexat ISI Proceedings*;
22. Minzu, V., Arama, I., **Vlad, C.**, „*Predictions based on Evolutionary Algorithms - Implementation Aspects regarding the Control Variables' Domain*”, Published in: 2022 26nd International Conference on System Theory, Control and Computing (ICSTCC), WOS:000889980600059, ISBN978-1-6654-6746-9, ISSN2372-1618 doi: 10.1109/ICSTCC55426.2022.9931827, pp: 349 – 354, *Articol indexat ISI Proceedings*

B. Articole/studii in extenso, publicate în reviste din baze de date internaționale (BDI)

1. Casadei G., Teodorescu R., **C. Vlad**, Zarri L., „*Analysis of Dynamic Behavior of Modular Multilevel Converters: Modeling and Control*”, 16th International Conference on System Theory, Control and Computing Joint Conference Proceedings, 12 - 14 October, Sinaia, Romania, ISBN 978-606-8348-50-6, *Articol indexat SCOPUS*;
2. **C. Vlad**, Mînză V., Barbu M., „*Gain scheduling control for wind energy conversion optimization*”, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012 - Joint Conference Proceedings, Sinaia, 2012, *Articol indexat SCOPUS*;
3. **C. Vlad**, Burlibaşa A, Munteanu T, Gurguiatu G. and Barbu M., „*Test rig for stand-alone small power wind turbine emulation for variable wind and load*”, International Conference on Renewable Energies and Power Quality (ICREPQ'13), Bilbao, 2013, *Articol indexat Google Scholar*;
4. **C. Vlad**, N.A. Cutululis, J. Lefebvre, E. Ceanga, „*Dynamic performances of control structures for wind-diesel systems without storage*”, Proceedings of International Symposium on electrical and electronic engineering (ISEEE 2006), Pp. 150-155, 2006, *Articol indexat Google Scholar*;
5. Barbu M., Caraman S., **C. Vlad**, Nicolau T., Ceangă E., „*Hierarchical control system for recirculating aquaculture processes*”, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012 - Joint Conference Proceedings, Sinaia, 2012, *Articol indexat SCOPUS*;
6. **C. Vlad**, Caraman S., Carp D., Minzu V., Barbu M., „*Gain Scheduling control of dissolved oxygen concentration in a wastewater treatment process*”, 20th Mediterranean Conference on Control and Automation, MED 2012 - Conference Proceedings, Barcelona, 2012, *Articol indexat SCOPUS*;
7. **C. Vlad**, Munteanu I., Bratcu A.I., Ceangă E., „*Optimal Control in Energy Conversion of Small Wind Power Systems with Permanent-magnet-synchronous-generators*”, WSEAS Transactions on Systems and Control, ISSN: 1991-8763, Issue 7, Volume 3, July 2008, pp. 644-653, 2008, *Articol indexat SCOPUS*;
8. **Ciprian Vlad**, Burlibaşa Adriana, Păduraru Romeo, Epure Silviu, Georgescu Puiu Lucian, Murariu Gabriel, „*Wind energy conversion control with local data measurement*”, Published in: 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), doi: 10.1109/ICSTCC.2018.8540707, pp. 458-463, *Articol indexat IEEEExplore*;
9. Gabriel Murariu, Adrian Gabriel Murariu, Nicoleta Barbuta-Misu, **Ciprian Vlad**, Ionuț-Dorin Marin, „*Comparative study of growth rate evaluation for ash (frasinus excelsior) in southeastern Romania*”, Proceedings of International Multidisciplinary Scientific GeoConference SGEM, doi: 10.5593/SGEM_GeoConference, *Articol indexat ProQuest*; *
10. George Petrea, **Ciprian Vlad**, Cătălin Aramă, Marian Crăciun, „*A survey on applications for hotel management system and tourists*”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 94-101, *Articol indexat EBSCO*;
11. Daniel Ganea, Marian Crăciun, Cătălin Aramă, **Ciprian Vlad**, „*Advances in education through IoT*”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 102-107, *Articol indexat EBSCO*;
12. Daniel Ganea, Marian Crăciun, Cătălin Aramă, **Ciprian Vlad**, „*Integrating LMS and IoT in the educational system*”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics,

- Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 115-120, *Articol indexat EBSCO*;
13. George Petrea, **Ciprian Vlad**, Cătălin Aramă, Marian Crăciun, Bogdan Ionescu, „QR code based access control system for hotels”, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 121-126, DOI: <https://doi.org/10.35219/ann-ugal-math-phys-mec.2020.2.07>, <https://www.gup.ugal.ro/ugaljournals/index.php/math/article/view/4050>, 2020, *Articol indexat EBSCO*;
 14. **C. Vlad**, C.C. Bentea, C. Vidal, M. Lama, L. Mihelač, V. Rosania, M. Nikolic, I. Voncilă, A. Petrescu, „Application of gamification in vet entrepreneurship education”, 13th International Conference of Education, Research and Innovation – ICERI 2020”, held online on the 9th and 10th of November 2020, *Articol indexat IATED* international online database (International Academy of Technology, Education and Development);
 15. **Ciprian Vlad**, Cristian Victor Lungu, „New trends in battery technologies”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XIV (XLV) 2022, no. 2, pp. 80-88, *Articol indexat EBSCO*;
 16. **Ciprian Vlad**, Cristian Victor Lungu, „New developments in small scale wind turbines”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XIV (XLV) 2022, no. 2, pp. 115-121, *Articol indexat EBSCO*;
 17. **Ciprian Vlad**, Cristian Victor Lungu, „Considerations regarding PV systems”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XIV (XLV) 2022, no. 2, pp. 126-132, *Articol indexat EBSCO*;
 18. Bogdan Ionescu, Marian Crăciun, George Petrea, Silviu Epure, Cătălin Aramă, **Ciprian Vlad**, „Health home-monitoring system based on IoT, 2021 ISEEE (2021 7th International Symposium on Electrical and Electronics Engineering), Galati, Romania; DOI: 10.1109/ISEEE53383.2021.9628853, *Articol indexat IEEE*;
 19. Daniel Ganea, **Ciprian Vlad**, „The potential of renewable energies in Romania”, 2021 ISEEE 2021 7th International Symposium on Electrical and Electronics Engineering, Galati, Romania; DOI: 10.1109/ISEEE53383.2021.9628414, *Articol indexat IEEE*;
 20. Gabriel Murariu, Nicusor Nistor, Lucian Georgescu, **C. Vlad**, „Analytical solutions for free oscillating system using maple software”, pp. 136, Fascicle II of Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical mechanics, VI (XXXVII), special issue, ISSN 2067-2071, 2015, *Articol indexat EBSCO*;
 21. Gabriel Murariu, Valentin Hahuie, Adrian Murariu, Catalina Iticescu, Lucian Georgescu, **C. Vlad**, „Investigation on Satellitar and UAV Cadastral Results. Case Study - Buciumeni Forest Areas”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical mechanics, Fascicle II, Year VIII (XXXIX) 2016, No. 1, ISSN 2067-2071, pp. 118-127, *Articol indexat EBSCO*;
 22. Bogdan Burlacu, Lucian Georgescu, Catalina Iticescu, Gabriel Murariu, Adrian Gabriel Murariu, **C. Vlad**, „Air Quality Assessment in the Galati Area”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VIII (XXXIX) 2016, No. 1, ISSN 2067-2071, pp.71-80, *Articol indexat EBSCO*;
 23. Gabriel Murariu, Valentin Hahuie, Adrian Murariu, Catalina Iticescu, Lucian Georgescu, **C. Vlad**, „Investigation on satellitar and UAV cadastral results. case study - Balabanesti forest areas”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical

mechanics, Fascicle II, Year VIII (XXXIX) 2016, No. 1, ISSN 2067-2071, pp.128-138, *Articol indexat EBSCO*;

24. Epure Silviu, **C. Vlad**, Munteanu Toader, „*Low power AC loads and electrical power quality*”, Journal of Sustainable Energy, vol. 7, no. 4, ISSN: 2067-5534, December 2016, *Articol indexat EBSCO/Index Copernicus/DOAJ*.
25. C. Vlad, A.E. Matic, V. Sava, *Limitations of Anti-Plagiarism Software*, Bulletin of the Transilvania University of Brasov. Series VII: Social Sciences and Law, Vol. 12(61) No. 2 Special Issue (2019), Transilvania University Press, DOI: <https://doi.org/10.31926/but.ssl.2019.12.61.3.7>, ISSN (Print): 2066-7701, ISSN (Online): 2971-9410; 2019, *Articol indexat EBSCO/ProQuest/DOAJ*.

C. Alte lucrări și contribuții științifice

1. **C. Vlad**, I. Munteanu, A., I. Bratcu, I. Bivol, E. Ceangă, „*Development System for Experimental Research of Hybrid Renewable Energy Systems*”, The Second International Symposium on Electrical and Electronics Engineering – ISEEE 2008, Galați, România, Sesiune specială: Technologies and Equipments for efficient Renewable Energy Conversion, ISSN 1842-8046, 2008;
2. M. Dumitrescu, T. Munteanu, G. Gurguiatu, **C. Vlad**, C. Bălănuță, „*Four-wire unbalanced load flow simulation and computation for a power delivery network*”, IEEE 10th international workshop „Computational problems of electrical engineering”, Waplewo, Poland, 16-19, sept 2009;
3. C. Bălănuță, T. Munteanu, M. Dumitrescu, G. Gurguiatu, **C. Vlad**, „*Studies Concerning the Quality of Electrical Energy into the Electromagnetic Supply Networks*”, The Second International Symposium on Electrical and Electronics Engineering – ISEEE 2008, Galati, Romania, ISSN 1842-8046, Sesiune specială: Energy Saving and its quality, 2008;
4. T. Munteanu, M. Dumitrescu, G. Gurguiatu, **C. Vlad**, M. Iliuță, G. Fetecău, „*Optimization of reactive Power Compensation, Solution Increasing Power Delivery Efficiency*”, The 1st International Symposium on Electrical and Electronics Engineering; 13-14 octombrie, Galati, Editura Fundatiei Universitare „Dunarea de Jos”, Galati, pg.237-242, ISBN (10) 973-627-325-3; ISBN (13) 978-973-627-325-4, 2006;
5. M. Dumitrescu, T. Munteanu, G. Gurguiatu, **C. Vlad**, „*Power Losses Computing And Optimization In A Power Distribution System*”; International World Energy System Conference 2008; Technical University Gh. Asachi, Iasi, Romania, WESC2008 June 28-July 2; ISSN 1198-0729, 2008;
6. M. Dumitrescu, **C. Vlad**, „*Intelligent Power Microgrids Benefits*”, 16th International Conference on System Theory, Control and Computing, Joint Conference SINTES 16, SACCS 12, SIMSIS 16, 12 - 14 October, Sinaia, Romania, ISBN 978-606-8348-50-6;
7. M. Stanciu, **C. Vlad**, „*Energy optimization of an autonomous wind energy conversion system*”, International Student Scientific Symposium– ISSS-2012, Galati, Romania, 2012;
8. **C. Vlad**, Daniela CARP, Sergiu CARAMAN & Marian BARBU, „*Mathematical model for food industry wastewater treatment processes*”, VI EWRA International Symposium - Water Engineering and Management in a Changing Environment, Catania, III Serie, vol. 6, ISSN 2038-5854, Catania, June 29- July 2, 2011;

9. N. Badea, I. Voncilă, S. Ivas, **C. Vlad**, M. Oancă, I. Paraschiv, „*Specific transients at direct coupling to the network and the emergence of a short circuit in a wind system with SCIG*”; Vol. SNET’08, Univ. Politehnica of Bucharest, ISBN 978-606-521-045-5; 5-7 June 2008;
10. E. Ceangă, I. Bivol, **C. Vlad**, I. Munteanu, A.I. Bratcu, „*Système de développement pour la recherche expérimentale des structures hybrides de production de l’énergie électrique, à partir des sources d’énergie renouvelable*”, JIT2008 Ploiesti, La Conférence Internationale des formations d’ingénieurs et de techniciens d’expression française, editura Karta-Graphic, Ploiești, ISBN 978-973-1959-20-7, 2008;
11. **C. Vlad**, N. Badea, G. Gurguiatu, „*Fixed step wind turbine system subassemblies interconnection*”, CNSNRE 2007, Bucharest;
12. G. Gurguiatu, N. Badea, **C. Vlad**, M. Oancă, „*Power quality for variable speed wind systems*”, CNSNRE 2007, Bucharest;
13. S. Fara, D. Finta, M. Iancu - Institute of Research and Design for Automation (IPA SA) - Bucharest, E. Ceangă, I. Munteanu, **C. Vlad** - „Dunărea de Jos” University - Galati, V. Malihin - S.C. „Uzinsider Engineering” S.A. - Galati, Gh. Iorga - Institute of Research and Engineering Technologies for Navy Building - Galati, M. Scripcariu, I. Bitir Istrate - Global Energy Services SRL, „*Ecological Equipments and Technologies for the Efficient Conversion of Renewable Energies (solar, wind, biomass and wave energy) in the Scope of Reducing the Consumption of Classical Polluting*”, Bucharest, SCIENTIFIC SESSION, MENER 2006;
14. N. Badea, N. Cazacu, I. Voncilă, **C. Vlad**, C. Bălănuță, „*Study the influence of cooling on the overall efficiency in mCCHP residential systems with fuel cell and additional heating system*”, 23rd international conference on efficiency, cost, optimization, simulation & environmental impact of energy systems, June 14-17, 2010, Lausanne, Switzerland, paper 670, CD, pg. 2232-2238, www.ecos2010.ch;
15. Daniela Mioara Carp, **C. Vlad**, Marian Barbu, „*Evaluation of Control Strategies Applied on a Wastewater Treatment Process with Activated Sludge*”, 7th International Conference Environmental Engineering and Management, September 18 – 21, 2013, Vienna, Austria;
16. **C. Vlad**, Toader Munteanu, Gabriel Murariu, Lucian Georgescu, „*Low power autonomous wind system simulation in Matlab/Simulink*”, pp. 167, Fascicle II of Annals of „Dunarea de Jos” University of Galati, Mathematics, physics, theoretical mechanics, Year VI (XXXVII) 2014, special issue, ISSN 2067-2071, 2015, http://www.phys.ugal.ro/Annals_Fascicle_2/Year2014/0CuprinsDT.htm, *Articol indexat Google Scholar*;
17. **C. Vlad**, Sbarciog M.I., Barbu M., „*Linear predictive control of a wastewater treatment process*”, The Annals of „Dunarea de Jos” University of Galati, Fascicle III: Electrotechnics, Electronics, Automatic Control, Informatics, Vol. 34, No. 1, Pp. 15-20, 2011, *Articol indexat Google Scholar*.

D. Lista cărților publicate în întreaga activitate

1. **C. Vlad** - coordonator, „*Gamification – An Innovative Teaching Method*” – re-editare, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 92 pagini, ISBN 978-606-696-244-5, ISBN 978-606-696-244-5 (online), 2022;
2. **C. Vlad** - coordonator, „*Gamification – An Innovative Teaching Method*”, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 2021, 92 pagini, ISBN 978-606-696-227-8, 2021;

3. **C. Vlad** - coordonator, „*Etică și deontologie academică*”, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 2018, ISBN 978-606-696-147-9, 2018;
4. **C. Vlad**, I. Voncilă, „*A way to become transnational technology transfer manager*”, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 2018, 317 pg, ISBN 978-606-696-142-4, 2018;
5. **C. Vlad**, „*Managementul eficient al instalațiilor de tratare a apelor uzate*”, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 2017, 106 pg., ISBN 978-606-696-077-9, 2017;
6. **C. Vlad**, „*Sisteme eoliene și minihidro*”, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 2017, 122 pg., ISBN 978-606-696-078-6, 2017;
7. Ion Voncilă, **C. Vlad**, „*Motor asincron trifazat cu rotorul în scurtcircuit. Îndrumar practic de proiectare*”, Editura Universității „Dunărea de Jos” Galați – Galati University Press - GUP, 2016, 116 pg., ISBN 978-606-696-056-4, 2016;
8. **C. Vlad**, „*Automatizarea sistemelor electromecanice*”- Îndrumar de laborator, Editura Universității „Dunărea de Jos” Galați, 176 pg., ISBN 978-606-696-062-5, 2016;
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Data: 1.11.2023

Semnătura
Conf. dr. ing. Ciprian Vlad

