



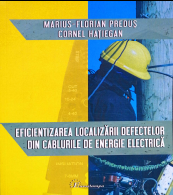


A. Lucrări relevante pentru realizările profesionale:	
A1	Bordeasu Dorin, Prostean Octavian, Hațiegan Cornel , <i>Contributions to Modeling, Simulation and Controlling of a Pumping System Powered by a Wind Energy Conversion System</i> , Energies, Volume14, Issue 22, Article Number: 7696, Pages: 1-18, 2021, lucrare cotată ISI (FI= 3,2)
A2	Laura Raisa Miloș, Cornel Hațiegan , Marius Cristian Miloș, Flavia Mirela Barna, Claudiu Boțoc, <i>Multifractal Detrended Fluctuation Analysis (MF-DFA) of Stock Market Indexes. Empirical Evidence from Seven Central and Eastern European Markets</i> , Sustainability, Volume: 12, Issue: 2, Article Number: 535, Pages: 1-15, 2020, lucrare cotată ISI (FI= 3.9)
A3	Cornel Hațiegan , Ioan Padureanu, Marcel Romulus Jurcu, Marius Biriescu, Mihaela Răduca, Flaviu Dilertea, <i>The evaluation of the insulation performances of the stator coil for the high power vertical synchronous hydro-generators by monitoring the level of partial discharges</i> , Electr Eng, olume: 99 Issue: 3 Pages: 1013-1020, 2017, lucrare cotată ISI (FI= 1.8)
A4	Cîndea Lenuța; Hațiegan Cornel ; Pop Nicolina; Negrea Romeo; Răduca Eugen; Gillich Gilbert-Rainer; Moșteanu Dănuț; Nedeloni Marian-Dumitru, <i>The influence of thermal field in the electric arc welding of X60 carbon steel components in the CO2 environment</i> , Applied Thermal Engineering, 2016, lucrare cotată ISI (FI= 6,4)
A5	Mihaela Răduca, Cornel Hațiegan , Nicolina Pop, Eugen Răduca, Gilbert-Rainer Gillich, <i>Finite element analysis of heat transfer in transformers from high voltage stations</i> , J Therm Anal Calorim, Volume 118, Issue 2, pp 1355-1360, 2014, lucrare cotată ISI (FI= 4,4)
A6	N. Pop, C. Hatiegan, T. Vlase, M. Raduca, G.R. Gillich, O. Vasile, E. Raduca, <i>Fermionic oscillators and their connection with the isokinetic temperature</i> , Romanian Reports in Physics, 66, nr. 3, ISSN 1841-8759, 2014, lucrare cotată ISI (FI= 2,7)
A7	Sajfert V., Nicolina P., Duric M., Popov D., Hațiegan C., <i>About some thermodynamical properties of cylindrical nanorods</i> , Romanian Reports in Physics, 64, nr. 4, pag. 1019–1027, 2012, lucrare cotată ISI (FI= 2,7)
A8	Hațiegan C. , Răduca M., Frunzăverde D. , Răduca E. , Pop N. , Gillich G. R., <i>The modeling and simulation of the thermal analysis on the hydrogenerator stator winding insulation</i> , J Therm Anal Calorim, 1572-8943, Volume 113, Issue 3, pp. 1217-1221, 2013, lucrare cotată ISI (FI= 4,4)
A9	Marius Florian Preduș, Cristinel Popescu, Eugen Răduca, C. Hațiegan , <i>Study of the Accelerated Degradation of the Insulation of Power Cables under the Action of the Acid Environment</i> , Energies, Volume15, Issue 10, Article Number: 3550, Pages: 1-10, 2022, lucrare cotată ISI (FI= 3,2)
A10	Răduca M., Răduca E., Hațiegan C. , Ungureanu D., <i>Fuzzy controller for adjustment of liquid level in the tank</i> , Annals of the University of Craiova, Mathematics and Computer Science Series, Volume 38(4), Pag. 33-43, 2011, lucrare cotată ISI (FI= 1,0)
B. Teza de doctorat:	
B1	HAȚIEGAN Cornel , <i>IDENTIFICAREA DEFECTELOR ÎN PLĂCI ELASTICE SUBȚIRI PRIN ANALIZĂ MODALĂ</i> , Universitatea „Eftimie Murgu” din Reșița, conducător științific: prof. univ. dr. ing. Gilbert-Rainer GILLICH, susținută public în septembrie 2013
C. Cărți și capitole în cărți	

C1	Cornel Hațiegan, Lenuta Suci - <i>Fizică Tehnologică. Teorie și aplicații</i> , Editura Eftimie Murgu Resita, ISBN 978-973-1906-77-5, 2010.	
C2	Cornel Hațiegan – <i>Teoria circuitelor electrice. Îndrumător de laborator</i> , Editura Eftimie Murgu Resita, 2018	
C3	Lenuta Suci, Cornel Hațiegan – <i>Modelarea și simularea sistemelor mecanice</i> , Editura Eurostampa, Timișoara, ISBN 978-606-32-0970-3, 2021	
C4	Cornel Hațiegan, Cristian Tufiși - <i>Identificarea și evaluarea defectelor în plăci elastice subțiri prin analiză modală</i> , Editura Eurostampa, Timișoara, ISBN 978-606-32-1172-0, 2022	
C5	Preduş Marius, Hațiegan Cornel - <i>Eficientizarea localizării defectelor din cablurile de energie electrică</i> , Editura Eurostampa, Timișoara, ISBN 978-606-32-1267-3, 2022	
D. Articole/studii, publicate în reviste din fluxul științific internațional principal		
D1	Bordeasu Dorin, Prostean Octavian, Hațiegan Cornel, <i>Contributions to Modeling, Simulation and Controlling of a Pumping System Powered by a Wind Energy Conversion System</i> , Energies, Volume 14, Issue 22, Article Number: 7696, Pages: 1-18, 2021, lucrare cotată ISI (FI= 3,2)	
D2	Laura Raisa Miloș, Cornel Hațiegan, Marius Cristian Miloș, Flavia Mirela Barna, Claudiu Boțoc, <i>Multifractal Detrended Fluctuation Analysis (MF-DFA) of Stock Market Indexes. Empirical Evidence from Seven Central and Eastern European Markets</i> , Sustainability, Volume: 12, Issue: 2, Article Number: 535, Pages: 1-15, 2020, lucrare cotată ISI (FI= 3.9)	
D3	Cornel Hațiegan, Ioan Padureanu, Marcel Romulus Jurcu, Marius Biriescu, Mihaela Răduca, Flaviu Dilertea, <i>The evaluation of the insulation performances of the stator coil for the high power vertical synchronous hydro-generators by monitoring the level of partial discharges</i> , Electr Eng, olume: 99 Issue: 3 Pages: 1013-1020, 2017, lucrare cotată ISI (FI= 1.8)	
D4	Cîndea Lenuta; Hațiegan Cornel; Pop Nicolina; Negrea Romeo; Răduca Eugen; Gillich Gilbert-Rainer; Moșteanu Dănuț; Nedeloni Marian-Dumitru, <i>The influence of thermal field in the electric arc welding of X60 carbon steel components in the CO2 environment</i> , Applied Thermal Engineering, 2016, lucrare cotată ISI (FI= 6,4)	
D5	Mihaela Răduca, Cornel Hațiegan, Nicolina Pop, Eugen Răduca, Gilbert-Rainer Gillich,	

	<i>Finite element analysis of heat transfer in transformers from high voltage stations</i> , J Therm Anal Calorim, Volume 118, Issue 2, pp 1355-1360, 2014, lucrare cotată ISI (FI= 4,4)
D6	N. Pop, C. Hatiegan , T. Vlase, M. Raduca, G.R. Gillich, O. Vasile, E. Raduca, <i>Fermionic oscillators and their connection with the isokinetic temperature</i> , Romanian Reports in Physics, 66, nr. 3, ISSN 1841-8759, 2014, lucrare cotată ISI (FI= 2,7)
D7	Sajfert V., Nicolina P., Duric M., Popov D., Hațiegan C. , <i>About some thermodynamical properties of cylindrical nanorods</i> , Romanian Reports in Physics, 64, nr. 4, pag. 1019–1027, 2012, lucrare cotată ISI (FI= 2,7)
D8	Hațiegan C. , Răduca M., Frunzăverde D., Răduca E., Pop N., Gillich G. R., <i>The modeling and simulation of the thermal analysis on the hydrogenerator stator winding insulation</i> , J Therm Anal Calorim, 1572-8943, Volume 113, Issue 3, pp. 1217-1221, 2013, lucrare cotată ISI (FI= 4,4)
D9	Răduca M., Răduca E., Hațiegan C. , Ungureanu D., <i>Fuzzy controller for adjustment of liquid level in the tank</i> , Annals of the University of Craiova, Mathematics and Computer Science Series, Volume 38(4), Pag. 33-43, 2011, lucrare cotată ISI (FI= 1,0)
D10	Cornel Hatiegan , Gilbert-Rainer Gillich, Ovidiu Vasile, Codruta Hamat, Stroia Mihaela-Dorica, Marius Florian Preduș, <i>Improved Mathematical Relation of The Modal Shapes of Thin Rectangular Plates</i> , Romanian Journal of Acoustics & Vibration, Vol.XIX, Nr.2, 2022, lucrare cotată ISI (FI= 0,4)
D11	Marius Tufoi, Cornel Hațiegan , Ovidiu Vasile, Gilbert-Rainer Gillich, <i>Dynamic Analysis of Thin Plates with Defects by Experimental and FEM Methods</i> , Romanian Journal of Acoustics and Vibration, Vol.X, Nr.2, 2013, lucrare cotată ISI (FI= 0,4)
D12	Marius Tufoi, Gilbert-Rainer Gillich, Zeno-Iosif Praisach, Jean Loius Ntakpe, Cornel Hatiegan , <i>An Analysis of the Dynamic Behavior of Circular Plates from a Damage Detection Perspective</i> , Romanian Journal of Acoustics & Vibration, Vol.X, Nr.1, 2014, lucrare cotată ISI (FI= 0,4)
D13	Cornel Hațiegan , Edwald-Viktor Gillich, Ovidiu Vasile, Marian-Dumitru Nedeloni, Ioan Pădureanu, <i>Finite Element Analysis of thin plates clamped on the rim of different geometric forms. Part I: Simulating the Vibration Mode Shapes and Natural Frequencies</i> , Romanian Journal of Acoustics & Vibration, Vol.XII, Nr.1, 2015, lucrare cotată ISI (FI= 0,4)
D14	Cornel Hațiegan , Edwald-Viktor Gillich, Ovidiu Vasile, Marian-Dumitru Nedeloni, Marcel Jurcu, Petru Magheți, <i>Finite Element Analysis of thin plates clamped on the rim of different geometric forms. Part II: The Absolute and Relative Variation of Natural Frequencies</i> , Romanian Journal of Acoustics & Vibration, Vol.XII, Nr.1, 2015, lucrare cotată ISI (FI= 0,4)
D15	Marius Tufoi, Gilbert-Rainer Gillich, Cornel Hatiegan , Nicoleta Gillich, Peter Lorenz, <i>Some Aspects Regarding the Transition from Beam to Plate Behavior of Vibrating Structures</i> , Romanian Journal of Acoustics & Vibration, Vol.XII, Nr.1, 2015, lucrare cotată ISI (FI= 0,4)
D16	Marius Tufoi, Gilbert-Rainer Gillich, Ion Cornel Mituletu, Cornel Hatiegan , <i>An Analysis of the Dynamic Behavior of Rectangular Plates from a Damage Detection Approach</i> , Romanian Journal of Acoustics & Vibration, Vol.XII, Nr.2, 2015, lucrare cotată ISI (FI= 0,4)
D17	Marian-Dumitru Nedeloni, Cornel Hațiegan , Ovidiu Vasile, Codruța-Oana Hamat, Cristian Fănică, Nicoleta Gillich, <i>Numerical Study Regarding the Influence of Material Components for a Booster - Ultrasonic Horn Assembly on the Natural Frequency</i> , Romanian Journal of Acoustics & Vibration, Vol.XII, Nr.2, 2015, lucrare cotată ISI (FI= 0,4)

D18	Ioan Virca, Ghita Barsan, Constantin Bungau, Danut Mosteanu, Simona Bungau, Pavel Otrisal, Florin Banica, Cornel Hatiegan , <i>Innovative Method of Treating Sintered Metal Powders Surfaces with Optical Radiation Pulse Using Gas-Discharge Lamp</i> , Revista de Chimie (Rev. Chim.), Vol. 71, Nr. 9, 2021, lucrare cotate ISI (FI= 0,4)
D19	Marius TUFOI, Gilbert-Rainer GILLICH, Zeno-Iosif PRAISACH, Zoltan-Iosif KORKA, Cornel HATIEGAN , <i>Modal Analysis of a Butterfly Valve with Different Stiffening Elements</i> , Romanian Journal of Acoustics & Vibration, Vol.XIII, Nr.1., 2016, lucrare cotate ISI (FI= 0,4)
D20	Hatiegan Cornel , Stroia Mihaela-Dorica, Popescu Cristinel, Raduca Eugen, <i>Study of Mechanical Imbalance At a Hydroaggregate With Kaplan Turbine</i> , Analele Universității Constantin Brâncuși din Târgu-Jiu - Seria Inginerie, Nr. 3, 2020, lucrare indexată BDI (EBSCO)
D21	Stroia Mihaela-Dorica, Hatiegan Cornel , Popescu Cristinel, <i>Virtual instrument designed for data acquisition</i> , Studia Universitatis Babes-Bolyai Engineering, Vol. 65, Nr. 1, 2020, lucrare indexată BDI (EBSCO)
D22	Stroia Mihaela-Dorica, Hatiegan Cornel , Popescu Cristinel, <i>Virtual Instrument Designed for Detecting Distortion Regime Caused by Frequency Variation</i> , Analele Universității Constantin Brâncuși din Târgu-Jiu - Seria Inginerie, Nr. 4, 2020, lucrare indexată BDI (EBSCO)
D23	Hatiegan Cornel , Stroia Mihaela-Dorica, Popescu Cristinel, Muscai Cristain-Mircea, <i>Application for Simulating and Analysis of a Serial R-L-C Circuit</i> , Analele Universității Constantin Brâncuși din Târgu-Jiu - Seria Inginerie, Nr. 3, 2020, lucrare indexată BDI (EBSCO)
D24	Marcel Romulus Jurcu, Ioan Padureanu, Laurentiu Padeanu, Ladislau Augustinov, Cornel Hatiegan , <i>Tests Regarding the Transitory Regimes of Putting off Load of the Hydroaggregate</i> , Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Anul XXII, Nr. 2, Reșița, 2015, lucrare indexată BDI (EBSCO)
D25	Ioan Pădureanu, Marcel Jurcu, Ladislau Augustinov, Cornel Hațiegan , Eugen Răduca, Laurențiu Pădeanu, <i>Optimisation of the Start-up and Operation Regimes of Cooling Water Pumps of a High-Power Hydro Generator</i> , Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Anul XXII, Nr. 1, Reșița, 2015, lucrare indexată BDI (EBSCO)
D26	Ioan Pădureanu, Marcel Jurcu, Ladislau Augustinov, Cornel Hațiegan , Eugen Răduca, <i>Implementation of an Automatic System for the Monitoring of Start-up and Operating Regimes of the Cooling Water Installations of a Hydro Generator</i> , Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Anul XXII, Nr. 1, Reșița, 2015, lucrare indexată BDI (EBSCO)
D27	Cristinel Popescu, Cornel Hatiegan , <i>Aspects regarding the Calculation of the Dielectric Loss Angle Tangent between the Windings of a Rated 40 MVA Transformer</i> , Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Anul XXII, Nr. 2, Reșița, 2015, lucrare indexată BDI (EBSCO)
D28	Hațiegan C. , Gillich G. R., Răduca E., Nedeloni M. D., Cîndea L., <i>Equation of Motion and Determining the Vibration Mode Shapes of a Rectangular Thin Plate Simply Supported on Contour Using MATLAB</i> , Analele Universității "Eftimie Murgu", Fascicula de Inginerie, Anul XX, Nr. 1, Reșița, 2013, lucrare indexată BDI (EBSCO)
D29	Răduca Eugen, Molnar Mihaela, Popescu Cristinel, Hațiegan Cornel , <i>Study for a photovoltaic system to supply electricity to an isolated apiary</i> , Studia Universitatis Babes-Bolyai Engineering, Vol. 68, Nr. 1, 2023, lucrare indexată BDI (EBSCO)
D30	Pîrșan Dan-Alexandru, Praisach Zeno-Iosif, Gillich Gilbert-Rainer, Hațiegan Cornel , <i>The strain energy in loosening the clamped end of a beam (part II)</i> , Studia Universitatis Babes-Bolyai Engineering, Vol. 68, Nr. 1, 2023, lucrare indexată BDI (EBSCO)

E. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate	
E1	M. Stroia, D. Moșteanu, E.Răduca, C. Popescu, C. Hațiegan , <i>Case studies for automotive components using CAD and CAE techniques</i> , International Conference on Applied Sciences ICAS 2019, May 9-11, Hunedoara, Romania, 2020, lucrare cotate ISI
E2	E Răduca, C Hațiegan , M Molnar, C Hamat, D Anghel, G Liuba, <i>Testing of electrical parameters at direct start-up of a synchronous motor of 4650 kW/6 kV</i> , International Conference on Applied Sciences ICAS 2019, May 9-11, Hunedoara, Romania, 2020, lucrare cotate ISI
E3	CP Chioncel, GO Tirian, N Gillich, C Hatiegan , E Spunei, <i>Overview of the wind energy market and renewable energy policy in Romania</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2016, Volumul 163, Nr.1, 2017, lucrare cotate ISI
E4	C Hațiegan , CP Chioncel, E Răduca, C Popescu, I Pădureanu, MR Jurcu, D Bordeasu, S Trocaru, F Dilertea, O Bădescu, IM Terfăloagă, A Băra, L (Barboni) Hațiegan, <i>Determining the operating performance through electrical measurements of a hydro generator</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2016, Volumul 163, Nr.1, 2017, lucrare cotate ISI
E5	C Hațiegan , I Pădureanu, M Jurcu, MD Nedeloni, CO Hamat, CP Chioncel, S Trocaru, O Vasile, O Bădescu, D Micliuc, L Filip Nedeloni, A Băra, L (Barboni) Hațiegan, <i>Vibration analysis of a hydro generator for different operating regimes</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2016, Volumul 163, Nr.1, 2017, lucrare cotate ISI
E6	S Drăghici, O Proștean, E Răduca, C Hațiegan , I Hălălae, I Pădureanu, M Nedeloni, L (Barboni) Hațiegan, <i>Study regarding the density evolution of messages and the characteristic functions associated of a LDPC code</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2016, Volumul 163, Nr.1, 2017, lucrare cotate ISI
E7	Nicoleta Gillich, Ion Cornel Mituletu, Gilbert-Rainer Gillich , Cristian Paul Chioncel, Cornel Hatiegan, <i>Frequency and magnitude estimation in voltage unbalanced power systems</i> , Advanced Topics in Electrical Engineering (ATEE), 2017 10th International Symposium on, 23-25 May Bucharest, 2017, lucrare cotate ISI
E8	E Răduca, D Ungureanu-Anghel, L Nistor, C Hațiegan , S Drăghici, C Chioncel, E Spunei, R Lolea, <i>Web server with ATMEGA 2560 microcontroller</i> , International Conference on Applied Sciences 2015 (ICAS2015), IOP Conf. Series: Materials Science and Engineering 106, 012018, 2016, lucrare cotate ISI
E9	Eugen Raduca, Lucian Nistor, Cornel Hatiegan , Mihaela Raduca, Ioan Padureanu, Silviu Draghici, <i>Web server for command, control and monitoring of industrial equipment</i> , Advanced Topics in Electrical Engineering (ATEE), 2015 9th International Symposium on, 7-9 May Bucharest, 2015, lucrare cotate ISI
E10	Gilbert-Rainer Gillich, Zeno-Iosif Praisach, Boboș Daniel, Hațiegan Cornel , <i>Assessment of corrosion damages with important loss of mass and influences on the natural frequencies of bending vibration modes</i> , Applied Mechanics and Materials, Vol.430, 2013, lucrare cotate ISI
E11	Hațiegan Cornel , Predus Marius Florian, Cristinel Popescu, <i>Effects of Acidic Water Containing Tailings on the Insulation Of Electrical Cables</i> , Scientific Conference with International Participation "CONFERENG 2021", Targu-Jiu, November 25-27, Annals of Constantin Brâncuși University of Târgu-Jiu - Engineering Series, No. 2, Pp. 158-164, 2021, lucrare indexată BDI (EBSCO)
E12	Hațiegan C , Stroia M D, Popescu C, Răduca E, <i>Study of Mechanical Imbalance At a Hydroaggregate With Kaplan Turbine</i> , Scientific Conference with International Participation "CONFERENG 2019", Targu-Jiu, November 22-23, Annals of Constantin

	Brâncuși University of Târgu-Jiu - Engineering Series, No. 3, 2019, lucrare indexată BDI (EBSCO)
E13	Eugen Răduca, Mihaela Molnar, Cristinel Popescu, Cornel Hațiegan , <i>Quality Study On Ordered Three-Phase Rectifiers</i> , Scientific Conference with International Participation "CONFERENG 2018", Targu-Jiu, November 23-24, Annals of Constantin Brâncuși University of Târgu-Jiu - Engineering Series, No. 3, 2018, lucrare indexată BDI (EBSCO)
E14	Stroia M. D, Derbac D, Hatiegan C , Cîndea L, <i>Thermostat Model With Arduino uno Board for Controlling a Cooling System</i> , National Scientific Conference with International Participation "CONFERENG 2018", Targu-Jiu, November 23-24, Annals of Constantin Brâncuși University of Târgu-Jiu - Engineering Series, No. 3, 2018, lucrare indexată BDI (EBSCO)
E15	C Hațiegan , N Gillich, C Popescu, E Răduca, L Cîndea, MF Predus, IM Terfăloagă, <i>Study regarding the influence of environmental temperature and irradiation conditions on the performance of a photovoltaic solar module</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E16	GR Gillich, V Iancu, N Gillich, ZI Korca, CP Chioncel, C Hatiegan , <i>Decoupling the structure from the ground motion during earthquakes by employing friction pendulums</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E17	A Băra, D Nedelcu, C Hațiegan , AC Bejinariu, L Filip Nedeloni, <i>General aspects of speed increaser gearboxes</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E18	I Pădureanu, M Jurcu, CV Campian, C Hațiegan , <i>Determination of the performance of the Kaplan hydraulic turbines through simplified procedure</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E19	C Hațiegan , E Răduca, C Popescu, CO Hamat, A Băra, D Anghel, DA Pîrșan, <i>Experimental measurements concerning the stator insulation partial discharge level of a hydro-generator of high power</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E20	M Jurcu, I Pădureanu, CV Campian, C Hațiegan , <i>Unbalance influence on the rotating assembly dynamics of a hydro</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E21	L Barboni (Hațiegan), C Hațiegan , GR Gillich, CO Hamat, O Vasile, MD Stroia, <i>Natural frequencies of thin rectangular plates clamped on contour using the Finite Element Method</i> , IOP Conference Series: Materials Science and Engineering, Hunedoara 2017, Volumul 294, Nr.1, 2018, lucrare indexată SCOPUS
E22	M F Predus, C M Muscai, C Popescu, C Hatiegan , <i>The importance of the metal reinforcement of low voltage cables in the process of identifying defects</i> , IOP Conference Series: Materials Science and Engineering, Banja Luka, Bosnia and Herzegovina 2022, Volumul 2540, Nr.1, 2023, lucrare indexată SCOPUS
E23	M F Predus, C M Muscai, C Popescu, C Hatiegan , <i>Computer aided design of low voltage electrical installations</i> , IOP Conference Series: Materials Science and Engineering, Banja Luka, Bosnia and Herzegovina 2022, Volumul 2540, Nr.1, 2023, lucrare indexată SCOPUS