

Record 1 of 75**Title:** Zn-Al Anticorrosive Coating Adapted to Obtain Protected Steel Wires**Author(s):** Tintelecan, M (Tintelecan, Marius); Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Alabanda, OR (Rodriguez Alabanda, Oscar); Sas-Boca, IM (Sas-Boca, Ioana-Monica); Martinez, GAS (Santana Martinez, Gustavo Aristides)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 3-12 **DOI:** 10.1007/978-3-030-93817-8_1 **Published:** 2022**Accession Number:** WOS:000773080200001**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**ISSN:** 2367-3370**eISSN:** 2367-3389**ISBN:** 978-3-030-93817-8; 978-3-030-93816-1

Record 2 of 75**Title:** Bacillus sp. R2: Promising Marine Bacterium with Chitinolytic/Agarovorant Activity and Multiple Enzymes Productivity**Author(s):** Cheba, BA (Cheba, Ben Amar)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 13-24 **DOI:** 10.1007/978-3-030-93817-8_2 **Published:** 2022**Accession Number:** WOS:000773080200002**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**ISSN:** 2367-3370**eISSN:** 2367-3389**ISBN:** 978-3-030-93817-8; 978-3-030-93816-1

Record 3 of 75**Title:** Calculation Program for an Elastic Coupling with Bolts and Non-metallic Elements from Natural Rubber**Author(s):** Ghitescu, M (Ghitescu, Marilena); Ghitescu, IM (Ghitescu, Ion-Marius); Vlase, S (Vlase, Sorin); Modrea, A (Modrea, Arina)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 25-37 **DOI:** 10.1007/978-3-030-93817-8_3 **Published:** 2022**Accession Number:** WOS:000773080200003**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**ISSN:** 2367-3370**eISSN:** 2367-3389**ISBN:** 978-3-030-93817-8; 978-3-030-93816-1

Record 4 of 75**Title:** Legal Requirements Versus Customer Requirements in Machine Cab Design**Author(s):** Daniel, L (Daniel, Lates)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 38-46 **DOI:** 10.1007/978-3-030-93817-8_4 **Published:** 2022**Accession Number:** WOS:000773080200004**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)

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Record 5 of 75

Title: Value Stream Map Importance in the Field of Electrostatic Powder Painting

Author(s): Boer, J (Boer, Jozsef); Blaga, P (Blaga, Petruta)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 47-55 **DOI:** 10.1007/978-3-030-93817-8_5 **Published:** 2022

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Record 6 of 75

Title: Low-Velocity Transverse Impact Investigations of CFRP Composite Laminated Plates - Simplified Static Simulations Versus Dynamic Experimental Tests

Author(s): Baba, MN (Baba, Marius Nicolae); Dogaru, F (Dogaru, Florin)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 56-63 **DOI:** 10.1007/978-3-030-93817-8_6 **Published:** 2022

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Record 7 of 75

Title: An Assessment of the Metallic Iron Content from Steel Mill Scale - Essential Factor for Sustainability and Circular Economy

Author(s): Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Tintelecan, M (Tintelecan, Marius); Aciu, C (Aciu, Claudiu); Marza, CM (Marza, Carmen Maria); Sas-Boca, IM (Sas-Boca, Ioana Monica)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 64-70 **DOI:** 10.1007/978-3-030-93817-8_7 **Published:** 2022

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Record 8 of 75

Title: Research on Quick-Closing Systems for Classroom Doors

Author(s): Pop, LD (Pop, Liviu Dorin); Daniel, MS (Daniel, Majlath Sandor)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 71-80 **DOI:** 10.1007/978-3-030-93817-8_8 **Published:** 2022

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Record 9 of 75

Title: Comparative Analysis Between Two Constructive Solutions of a Steel Tied-Arch Road Bridge

Author(s): Gutiu, S (Gutiu, Stefan); Moga, C (Moga, Catalin); Suci, M (Suci, Mircea); Danciu, AD (Danciu, Alexandra-Denisa)

Edited by: Moldovan L; Gligor A

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Record 10 of 75

Title: Behavior Analysis of One-Component Waterproofing Mortars by Mechanical and NMR Investigations

Author(s): Cadar, D (Cadar, Daniel); Manea, DL (Manea, Daniela Lucia); Moldovan, D (Moldovan, Dumitrita); Jumate, E (Jumate, Elena); Fechete, R (Fechete, Radu)

Edited by: Moldovan L; Gligor A

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Record 11 of 75

Title: Characterization of Lightweight Concrete with Chopped Plastic Bottles

Author(s): Scripca, S (Scripca, Sabina); Bejan, G (Bejan, Gabriel); Barbuta, M (Barbuta, Marinela); Bejan, L (Bejan, Liliana)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 100-109 **DOI:** 10.1007/978-3-030-93817-8_11 **Published:** 2022

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Record 12 of 75

Title: Comparative Analysis Between the Hanger Arrangement in an 80 m Network Arch Bridge with Circular Hollow Cross-Sections

Author(s): Danciu, A (Danciu, Alexandra); Gutiu, S (Gutiu, Stefan); Moga, C (Moga, Catalin); Bucerzan, M (Bucerzan, Maria)

Edited by: Moldovan L; Gligor A

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Record 13 of 75

Title: Paper Ash Used as Substitute of Cement, in Cement Mixtures

Author(s): Tintisan, ML (Tintisan, Maria Loredana); Siomin, AC (Siomin, Adrian-Cristian); Zaharie, A (Zaharie, Anamaria); Manea, DL (Manea, Daniela Lucia)

Edited by: Moldovan L; Gligor A

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Record 14 of 75

Title: Recovery of Used Paints in the Field of Plaster Mortars

Author(s): Siomin, AC (Siomin, Adrian-Cristian); Tintisan, ML (Tintisan, Maria Loredana); Zaharie, A (Zaharie, Anamaria); Manea, DL (Manea, Daniela Lucia)

Edited by: Moldovan L; Gligor A

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Record 15 of 75

Title: Influence of Iron Trioxide Addition on Alkali-Activated Fly Ash-Based Geopolymer Paste

Author(s): Ionescu, BA (Ionescu, Bradut Alexandru); Chira, M (Chira, Mihail); Lazarescu, AV (Lazarescu, Adrian-Victor); Florean, C (Florean, Carmen)

Edited by: Moldovan L; Gligor A

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Record 16 of 75

Title: Cementitious Composite Materials with Self-healing Properties Using Integral Waterproofing Admixtures by Mass Crystallization

Author(s): Toader, TP (Toader, Tudor Panfil); Dico, C (Dico, Carmen); Mircea, C (Mircea, Calin)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 150-165 **DOI:** 10.1007/978-3-030-93817-8_16 **Published:** 2022

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Record 17 of 75

Title: Influence TiO₂ Nanoparticles Addition on the Physico-Mechanical Performances of Micro-concrete

Author(s): Grebenisan, E (Grebenisan, Elvira); Hegyi, A (Hegyi, Andreea); Lazarescu, AV (Lazarescu, Adrian-Victor); Szilagyi, H (Szilagyi, Henriette); Florean, C (Florean, Carmen)

Edited by: Moldovan L; Gligor A

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Record 18 of 75

Title: The Use of Ceramic Waste in the Construction Materials Industry Based on the Concept of Sustainable Development

Author(s): Zaharie, A (Zaharie, Anamaria); Tintisan, ML (Tintisan, Maria Loredana); Siomin, AC (Siomin, Adrian-Cristian); Manea, DL (Manea, Daniela Lucia); Plesa, ML (Plesa, Monica Luminita)

Edited by: Moldovan L; Gligor A

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Record 19 of 75

Title: Self-compacting Concrete with Recycled Aggregates

Author(s): Panaite, VC (Panaite, Vlad Constantin); Barbuta, M (Barbuta, Marinela)

Edited by: Moldovan L; Gligor A

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Record 20 of 75

Title: Aspects Regarding Reinforced Concrete Pillars Strengthening Methods

Author(s): Simona, S (Simona, Stanca)

Edited by: Moldovan L; Gligor A

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Record 21 of 75

Title: Comparative Quantitative Analysis of Air Quality Indicators and Macroeconomic Indicators for EU and Non-EU Member Countries

Author(s): Bacos, IB (Bacos, Ioan-Bogdan); Gabor, MR (Gabor, Manuela Rozalia)

Edited by: Moldovan L; Gligor A

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Record 22 of 75

Title: Work Regulation and Time Management to Avoid Occupational Stress in Industry

Author(s): Dambean, CA (Dambean, Camelia Angelica); Gabor, MR (Gabor, Manuela Rozalia)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 224-234 **DOI:** 10.1007/978-3-030-93817-8_22 **Published:** 2022

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Record 23 of 75

Title: The Effects of New Infrastructure on Traffic Dynamics. An Urban Simulated-Based Model

Author(s): Rosca, M (Rosca, Mircea); Rosca, E (Rosca, Eugen); Oprea, C (Oprea, Cristina); Rusca, F (Rusca, Florin); Dinu, O (Dinu, Oana); Rusca, A (Rusca, Aura)

Edited by: Moldovan L; Gligor A

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Record 24 of 75

Title: Road Traffic Accidents - Safety Analysis of Urban Travel with Two-Wheel Vehicles

Author(s): Oprea, C (Oprea, Cristina); Ilie, A (Ilie, Anamaria); Rosca, M (Rosca, Mircea); Rusca, F (Rusca, Florin); Olteanu, S (Olteanu, Sergiu); Ilie, I (Ilie, Isabela)

Edited by: Moldovan L; Gligor A

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Record 25 of 75

Title: Performance Evaluation of Dispatching Rules and Simulated Annealing in a Scheduling Problem from a Quality-Functionality Perspective

Author(s): Almeida, D (Almeida, Diogo); Ferreira, LP (Ferreira, Luis Pinto); Sa, JC (Sa, Jose Carlos); Lopes, M (Lopes, Manuel); da Silva, FJG (Gomes da Silva, Francisco Jose); Pereira, M (Pereira, Mario)

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Record 26 of 75

Title: A Lean Framework for Machining Budgeting Operations

Author(s): Silva, FJG (Silva, Francisco J. G.); Sousa, VFC (Sousa, Vitor F. C.); Sa, JC (Sa, Jose Carlos); Tojal, M (Tojal, Matilde); Ferreira, LP (Ferreira, Luis P.); Nogueira, P (Nogueira, Pedro)

Edited by: Moldovan L; Gligor A

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Record 27 of 75

Title: Sustainability Strategy Methodology to Increase Brand Value

Author(s): Wong, M (Wong, Michele); Anitei, MD (Daniel Anitei, Mihai); Veres, C (Veres, Cristina)

Edited by: Moldovan L; Gligor A

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Record 28 of 75

Title: Effects of Using Combined Approach of Quality Circles and 7 Steps Method in Automotive Industry. A Case Study

Author(s): Candea, S (Candea, Sebastian); Veres, C (Veres, Cristina); Blaga, P (Blaga, Petruta); Nutiu, E (Nuti, Emil)

Edited by: Moldovan L; Gligor A

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Record 29 of 75

Title: The Challenges Brought by GDPR to the Use of Intelligent Systems

Author(s): Kajcsa, A (Kajcsa, Andrea); Dogaru, L (Dogaru, Lucretia)

Edited by: Moldovan L; Gligor A

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Record 30 of 75

Title: European Union Strategies and Policies in the Current Context of Technologization

Author(s): Dogaru, L (Dogaru, Lucretia); Kajcsa, A (Kajcsa, Andrea)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 307-315 **DOI:** 10.1007/978-3-030-93817-8_30 **Published:** 2022

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Record 31 of 75

Title: The Continuous Improvement Cycle Core Activities for the Sustainable Development of Healthcare Facilities

Author(s): Moldovan, F (Moldovan, Flaviu); Blaga, P (Blaga, Petruta)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 316-325 **DOI:** 10.1007/978-3-030-93817-8_31 **Published:** 2022

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Record 32 of 75

Title: Organizational Governance Assessment of Healthcare Facilities for Sustainable Development

Author(s): Moldovan, F (Moldovan, Flaviu); Blaga, P (Blaga, Petruta)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 326-347 **DOI:** 10.1007/978-3-030-93817-8_32 **Published:** 2022

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Record 33 of 75

Title: An Innovative Project for Higher Education Leadership in Advancing Inclusive Innovation for Development

Author(s): Moldovan, L (Moldovan, Liviu)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 348-357 **DOI:** 10.1007/978-3-030-93817-8_33 **Published:** 2022

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Record 34 of 75

Title: An Innovative Trainers' Toolkit for Innovation Management in Low- and Middle-Income Countries

Author(s): Moldovan, L (Moldovan, Liviu)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 358-369 **DOI:** 10.1007/978-3-030-93817-8_34 **Published:** 2022

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Record 35 of 75

Title: Neuromarketing Tools in Industry 4.0 Context: A Study on the Romanian Market

Author(s): Ioanid, A (Ioanid, Alexandra); Scarlat, C (Scarlat, Cezar)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 370-381 **DOI:** 10.1007/978-3-030-93817-8_35 **Published:** 2022

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Record 36 of 75

Title: Particular Life Span of a Medical Rehabilitation Exoskeleton Device - The First Step in Implementing a Quality Management Norm in Real Life

Author(s): Chis, LC (Chis, Liviu Cristian); Moldovan, L (Moldovan, Liviu); Chis, M (Chis, Monica)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 382-391 **DOI:** 10.1007/978-3-030-93817-8_36 **Published:** 2022

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Record 37 of 75

Title: Study on the Short-Term Impact of the COVID-19 Pandemic on the Logistics Field

Author(s): Nagy-Bota, S (Nagy-Bota, Stefan); Moldovan, L (Moldovan, Liviu); Nagy-Bota, MC (Nagy-Bota, Monica-Cristina); Varga, IE (Varga, Iulia E.)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 392-401 **DOI:** 10.1007/978-3-030-93817-8_37 **Published:** 2022

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Record 38 of 75

Title: An Interdisciplinary Approach to Ecological Education in the Language Class for Technical Students

Author(s): Rus, D (Rus, Dana); Marcu, N (Marcu, Nicoleta); Annagurbanov, Y (Annagurbanov, Ymammuhmet)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 402-413 **DOI:** 10.1007/978-3-030-93817-8_38 **Published:** 2022

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Record 39 of 75

Title: Smart Production Concept and Improvements in Automotive Industry

Author(s): Veres, C (Veres, Cristina); Dobrau, RD (Dobrau, Roxana-Diana)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 414-425 **DOI:** 10.1007/978-3-030-93817-8_39 **Published:** 2022

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Record 40 of 75

Title: Integrating Environmental Issues in the Development of Communication Skills and the Importance of Environmental Sustainability Training

Author(s): Marcu, NA (Marcu, Nicoleta Aurelia); Morar, PD (Morar, Petru-Dragos); Rus, D (Rus, Dana)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 426-439 **DOI:** 10.1007/978-3-030-93817-8_40 **Published:** 2022

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Record 41 of 75

Title: On the Use of Technology in Education. A Case Study on the Application of Interdisciplinarity in Technical Education: The

ECORE Tool

Author(s): Han, BC (Han, Bianca)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 440-452 **DOI:** 10.1007/978-3-030-93817-8_41 **Published:** 2022

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Record 42 of 75

Title: Investigations on the Hygrothermal Properties of Aerogel Insulation Blankets

Author(s): Bucur, A (Bucur, Adrian); Moga, LM (Moga, Ligia Mihaela); Manea, DL (Manea, Daniela Lucia)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 455-465 **DOI:** 10.1007/978-3-030-93817-8_42 **Published:** 2022

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Record 43 of 75

Title: Improving the Thermal Insulation of Cement-Based Composites Using Tea Waste Aggregates

Author(s): Horma, O (Horma, Othmane); Charai, M (Charai, Mouatassim); Mezrhab, A (Mezrhab, Ahmed)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 466-476 **DOI:** 10.1007/978-3-030-93817-8_43 **Published:** 2022

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Record 44 of 75

Title: Thermal Effects on Dynamic Control of FGM Kirchhoff Plate with Bonded Piezoelectric Materials

Author(s): El Khaldi, L (El Khaldi, Loukmane); Messaoudi, K (Messaoudi, Khadija); Sanbi, M (Sanbi, Mustapha)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 477-486 **DOI:** 10.1007/978-3-030-93817-8_44 **Published:** 2022

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Record 45 of 75

Title: Simulation of a Solar Driven Air Conditioning System for Mitigating the Cooling Demand of Buildings Located in Semi-arid Climates: A Case Study

Author(s): El Hassani, S (El Hassani, Sara); Charai, M (Charai, Mouatassim); Moussaoui, MA (Moussaoui, Mohammed Amine);

Mezrhab, A (Mezrhab, Ahmed)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 487-496 **DOI:** 10.1007/978-3-030-93817-8_45 **Published:** 2022

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Record 46 of 75

Title: Analysis of the Power Demand in Romania During the COVID-19 Pandemic

Author(s): Dulau, LI (Dulau, Lucian-Ioan); Bica, D (Bica, Dorin)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 497-507 **DOI:** 10.1007/978-3-030-93817-8_46 **Published:** 2022

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Record 47 of 75

Title: Energy Losses Estimation in the Electric Distribution Networks Using Clustering-Based Selection of the Representative Feeders

Author(s): Chelaru, E (Chelaru, Ecaterina); Noroc, L (Noroc, Livia); Grigoras, G (Grigoras, Gheorghe); Neagu, BC (Neagu, Bogdan-Constantin)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 508-521 **DOI:** 10.1007/978-3-030-93817-8_47 **Published:** 2022

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Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Grigoras, Gheorghe	G-3333-2016	0000-0003-3811-6298

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Record 48 of 75

Title: Analysis of the Charging Price and Travel Time of Battery Electric Vehicles in Romania

Author(s): Dulau, LI (Dulau, Lucian-Ioan); Bica, D (Bica, Dorin)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 522-532 **DOI:** 10.1007/978-3-030-93817-8_48 **Published:** 2022

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ISBN: 978-3-030-93817-8; 978-3-030-93816-1

Record 49 of 75**Title:** Load Modeling Approaches in Smart Grids: An Overview**Author(s):** Neagu, BC (Neagu, Bogdan-Constantin); Mihai, G (Mihai, Gavrilas); Ivanov, O (Ivanov, Ovidiu); Grigoras, G (Grigoras, Gheorghe)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 533-561 **DOI:** 10.1007/978-3-030-93817-8_49 **Published:** 2022**Accession Number:** WOS:000773080200049**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**Author Identifiers:**

Author	Web of Science ResearcherID	ORCID Number
Grigoras, Gheorghe	G-3333-2016	0000-0003-3811-6298

ISSN: 2367-3370**eISSN:** 2367-3389**ISBN:** 978-3-030-93817-8; 978-3-030-93816-1**Record 50 of 75****Title:** Analytical Modelling Approach of Photovoltaic Curves: Analysis and Comparison**Author(s):** Louzazni, M (Louzazni, Mohamed); Belmahdi, B (Belmahdi, Brahim)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 562-572 **DOI:** 10.1007/978-3-030-93817-8_50 **Published:** 2022**Accession Number:** WOS:000773080200050**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**ISSN:** 2367-3370**eISSN:** 2367-3389**ISBN:** 978-3-030-93817-8; 978-3-030-93816-1**Record 51 of 75****Title:** Pitch Angle Control of the PMSG Wind Turbine**Author(s):** Ahyaten, S (Ahyaten, Sabra); El Bahaoui, J (El Bahaoui, Jalal); Amahjour, N (Amahjour, Narjisse); Gallego, FO (Ortegon Gallego, Francisco)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 573-583 **DOI:** 10.1007/978-3-030-93817-8_51 **Published:** 2022**Accession Number:** WOS:000773080200051**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**ISSN:** 2367-3370**eISSN:** 2367-3389**ISBN:** 978-3-030-93817-8; 978-3-030-93816-1**Record 52 of 75****Title:** Study and Simulation of a Broken Induction Motor Rotor Bar Caused Motor Vibration**Author(s):** Katalin, A (Katalin, Agoston)**Edited by:** Moldovan L; Gligor A**Source:** 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 584-590 **DOI:** 10.1007/978-3-030-93817-8_52 **Published:** 2022**Accession Number:** WOS:000773080200052**Conference Title:** 15th International Conference Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 07-08, 2021**Conference Location:** Targu Mures, ROMANIA**ISSN:** 2367-3370**eISSN:** 2367-3389

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Record 53 of 75

Title: Designing and Development of an Intelligent Energy Supply and Powertrain Systems for Automotive Sector to Reduce Pollution and Health Risk

Author(s): Baldean, DL (Baldean, Doru-Laurean); Andrei, L (Andrei, Lavinia); Chindea, V (Chindea, Viorel)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 591-602 **DOI:** 10.1007/978-3-030-93817-8_53 **Published:** 2022

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Record 54 of 75

Title: Enhancing the Energy Efficiency of Photovoltaic Cells Through Water Cooling

Author(s): Branoaea, M (Branoaea, Marius); Burlacu, A (Burlacu, Andrei); Verdes, M (Verdes, Marina); Balan, MC (Balan, Marius Costel); Vizitiu, RS (Vizitiu, Robert Stefan)

Edited by: Moldovan L; Gligor A

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Record 55 of 75

Title: Multicriterial Assessment of Power Losses in Electricity Distribution Grid Considering the Profile Consumers Analysis

Author(s): Gligor, A (Gligor, Adrian); Dumitru, CD (Dumitru, Cristian-Dragos); Vlasa, I (Vlasa, Ilie)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 616-628 **DOI:** 10.1007/978-3-030-93817-8_55 **Published:** 2022

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Author	Web of Science ResearcherID	ORCID Number
Gligor, Adrian	E-6597-2019	0000-0002-8724-4272

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Record 56 of 75

Title: Improvement of the Vector Control for DFIG Integrated into a Wind System by Artificial Neural Networks Accompanied by a Reliability Study of the Control System

Author(s): Bouzem, A (Bouzem, Aicha); Bendaou, O (Bendaou, Othmane); Samoudi, B (Samoudi, Bousselham)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 631-640 **DOI:** 10.1007/978-3-030-93817-8_56 **Published:** 2022

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Record 57 of 75

Title: The Perturbation Method for Dynamic Analysis of Pole Vaulting

Author(s): El Mrimar, O (El Mrimar, Ouadie); Bendaou, O (Bendaou, Othmane); Samoudi, B (Samoudi, Bousselham)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 641-650 **DOI:** 10.1007/978-3-030-93817-8_57 **Published:** 2022

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Record 58 of 75

Title: Reducing Traffic Congestion Through Optimal Planning

Author(s): Roman, EA (Roman, Eugenia Alina); Dragu, V (Dragu, Vasile)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 651-660 **DOI:** 10.1007/978-3-030-93817-8_58 **Published:** 2022

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Record 59 of 75

Title: Considerations on Monitoring the Drowsiness of Drivers Through Video Detection and Real-Time Warning

Author(s): Surugiu, MC (Surugiu, Maria Claudia); Stancel, IN (Stancel, Ion Nicolae)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 661-671 **DOI:** 10.1007/978-3-030-93817-8_59 **Published:** 2022

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Record 60 of 75

Title: Model for Bus Line Planning in an Intermodal Urban Transport Network

Author(s): Costescu, D (Costescu, Dorinela); Olteanu, S (Olteanu, Sergiu); Roman, EA (Roman, Eugenia Alina)

Edited by: Moldovan L; Gligor A

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Record 61 of 75

Title: Robust Control Design of MIMO Systems

Author(s): Dulau, M (Dulau, Mircea); Oltean, SE (Oltean, Stelian-Emilian)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 684-695 **DOI:** 10.1007/978-3-030-93817-8_61 **Published:** 2022

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Title: Comments on the Solutions Set of Equilibrium Problems Governed by Topological Pseudomonotone Bifunctions

Author(s): Bogdan, M (Bogdan, Marcel)

Edited by: Moldovan L; Gligor A

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Title: A New Ultra Wide Band Antenna Design with Dual Band for WLAN and WiMAX Applications

Author(s): Sabbar, N (Sabbar, Nisrin); Hati, K (Hati, Khalid); Asselman, H (Asselman, Hassan); Elhajjaji, A (Elhajjaji, Abdellah)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 704-717 **DOI:** 10.1007/978-3-030-93817-8_63 **Published:** 2022

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Record 64 of 75

Title: Review on Microbial Bioinformatics: Novel and Promoting Trend for Microbiomics Research and Applications

Author(s): Cheba, BA (Cheba, Ben Amar)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 718-729 **DOI:** 10.1007/978-3-030-93817-8_64 **Published:** 2022

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Title: Virtual Modeling of an Electro-mechanical Powertrain and Steering System with Optical Proximity Sensors for Driverless Ambulance Vehicles in Unity 5

Author(s): Baldean, DL (Baldean, Doru-Laurean); Andrei, L (Andrei, Lavinia); Oniga, T (Oniga, Tudor); Chindea, V (Chindea, Viorel); Borzan, AI (Borzan, Adela-Ioana)

Edited by: Moldovan L; Gligor A

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Record 66 of 75

Title: A Fuzzy Logic-Based LabVIEW Implementation Aimed for the Detection of the Eye-Blinking Strength Used as a Control Signal in a Brain-Computer Interface Application

Author(s): Rusanu, OA (Rusanu, Oana Andreea)

Edited by: Moldovan L; Gligor A

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Record 67 of 75

Title: SCADA System for Monitoring and Reconfiguring an Electrical Distribution Network After a Fault

Author(s): Turc, T (Turc, Traian); Damian, C (Damian, Claudiu)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 757-762 **DOI:** 10.1007/978-3-030-93817-8_67 **Published:** 2022

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Title: Dynamic Calibration of Tyre-Road Contact Patch Stress Tri-Axial Transducer

Author(s): Moisescu, AR (Moisescu, Alexandra-Raluca); Anghelache, G (Anghelache, Gabriel)

Edited by: Moldovan L; Gligor A

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Record 69 of 75

Title: Dimensional Optimization in Screw Fixation for Personalized Treatment of the Tibial Plateau Fracture

Author(s): Moldovan, F (Moldovan, Flaviu); Gligor, A (Gligor, Adrian); Bataga, T (Bataga, Tiberiu)

Edited by: Moldovan L; Gligor A

Source: 15TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING **Book Series:** Lecture Notes in Networks and Systems **Volume:** 386 **Pages:** 772-783 **DOI:** 10.1007/978-3-030-93817-8_69 **Published:** 2022

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Title: A Fuzzy Mathematical Model to Estimate the Energy Cost for Heat Pump System

Author(s): Ban, A (Ban, Alexandra); Bungau, C (Bungau, Constantin)

Edited by: Moldovan L; Gligor A

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Title: Cryptographic Key Distribution Protocol with Trusted Platform Module for Securing In-vehicle Communications

Author(s): Genge, B (Genge, Bela); Haller, P (Haller, Pirooska)

Edited by: Moldovan L; Gligor A

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Title: Automated Assessment Generation in Intelligent Tutoring Systems

Author(s): Kovacs, L (Kovacs, Laszlo); Csepanyi-Furjes, L (Csepanyi-Furjes, Laszlo); Ahmed, GHA (Ahmed, Ghanim Hussein Ali)

Edited by: Moldovan L; Gligor A

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Title: BlockCACert - A Blockchain-Based Novel Concept for Automatic Deployment of X.509 Digital Certificates

Author(s): Gergely, AM (Gergely, Adam Mihai); Crainicu, B (Crainicu, Bogdan)

Edited by: Moldovan L; Gligor A

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Title: Instantaneous Frequency Identification in Nonstationary Signals

Author(s): German-Sallo, Z (German-Sallo, Zoltan)

Edited by: Moldovan L; Gligor A

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Title: Nonlinear Denoising of Nonstationary Signals

Author(s): German-Sallo, Z (German-Sallo, Zoltan)

Edited by: Moldovan L; Gligor A

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