

Record 1 of 50**Title:** Crack Analysis of Reinforced High Strength Concrete Elements in Simulated Aggressive Environments**Author(s):** Negrutiu, C (Negrutiu, Camelia); Sosa, JP (Sosa, Joan Pavel); Constantinescu, H (Constantinescu, Horia); Heghes, B (Heghes, Bogdan)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 4-12 **DOI:** 10.1016/j.protcy.2016.01.002 **Published:** 2016**Accession Number:** WOS:000383949300001**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173**Record 2 of 50****Title:** A New Method of Diminishing Errors of Form Generated by the Imprecision of CNC Machines**Author(s):** Wagner, E (Wagner, Erika)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 13-19 **DOI:** 10.1016/j.protcy.2016.01.003 **Published:** 2016**Accession Number:** WOS:000383949300002**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173**Record 3 of 50****Title:** ZPA Flank Evaluation Using Spherical Stylus**Author(s):** Albu, SC (Albu, Sorin Cristian); Pozdirca, A (Pozdirca, Alexandru)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 20-27 **DOI:** 10.1016/j.protcy.2016.01.004 **Published:** 2016**Accession Number:** WOS:000383949300003**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173**Record 4 of 50****Title:** The Influence of Process Parameters on Non-Conventional Technology in Drawing Cassette Roller Die (Part 1)**Author(s):** Mihiu, AM (Mihiu, Adriana-Maria); Sas-Boca, IM (Sas-Boca, Ioana Monica); Marian, I (Marian, Ionut); Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Nistor, L (Nistor, Liviu)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 28-33 **DOI:** 10.1016/j.protcy.2016.01.005 **Published:** 2016**Accession Number:** WOS:000383949300004**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173**Record 5 of 50****Title:** Finite Element Analysis of Drawing Wire in Cassette Roller Die (Part 2)**Author(s):** Mihiu, AM (Mihiu, Adriana-Maria); Sas-Boca, IM (Sas-Boca, Ioana Monica); Marian, I (Marian, Ionut); Mihiu, IS (Mihiu, Iulian Sebastian); Ianc, DS (Ianc, Dorina Simona); Nistor, L (Nistor, Liviu); Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 34-39 **DOI:** 10.1016/j.protcy.2016.01.006 **Published:** 2016**Accession Number:** WOS:000383949300005**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173**Record 6 of 50****Title:** Case Study: Designing a 40 Storey High Office Building Using Two Variants, With Regular Concrete Columns and With Compound Ultra-High Performance Concrete Columns and Regular Concrete Columns**Author(s):** Popa, M (Popa, Mircea); Kiss, Z (Kiss, Zoltan); Constantinescu, H (Constantinescu, Horia); Bolca, G (Bolca, Geanina)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 40-47 **DOI:** 10.1016/j.protcy.2016.01.007 **Published:** 2016**Accession Number:** WOS:000383949300006**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173**Record 7 of 50**

Title: Computer Aided System for Superfinishing Process Control

Author(s): Mikolajczyk, T (Mikolajczyk, Tadeusz); Fas, T (Fas, Tomasz); Klodowski, A (Klodowski, Adam); Matuszewski, M (Matuszewski, Maciej); Olaru, A (Olaru, Adrian); Olaru, S (Olaru, Serban)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 48-54 **DOI:** 10.1016/j.protcy.2016.01.008 **Published:** 2016

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Conference Host: Univ Tirgu Mure, Fac Engr

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Record 8 of 50

Title: Experimental Research Concerning the Contact Patch of the Double Worm Face Gear

Author(s): Ciotea, M (Ciotea, Margareta); Bolos, V (Bolos, Vasile)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 55-59 **DOI:** 10.1016/j.protcy.2016.01.009 **Published:** 2016

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Record 9 of 50

Title: Research Regarding the Influence of Raw Material and Knitted Fabric Geometry on the Tensile Strength and Breaking Elongation

Author(s): Vlad, D (Vlad, Dorin); Cioca, LI (Cioca, Lucian-Ionel)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 60-67 **DOI:** 10.1016/j.protcy.2016.01.010 **Published:** 2016

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Record 10 of 50

Title: The Comparative Study on the Behavior of the Speed Reducer With Worm Face Gear With Modified Geometry

Author(s): Boanta, CI (Boanta, Claudiu-Ioan); Bolos, V (Bolos, Vasile)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 68-73 **DOI:** 10.1016/j.protcy.2016.01.011 **Published:** 2016

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Record 11 of 50

Title: Electrode-tool for making holes on helical trajectories by EDM

Author(s): Soaita, D (Soaita, Dumitru)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 74-77 **DOI:** 10.1016/j.protcy.2016.01.012 **Published:** 2016

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Record 12 of 50

Title: Application of the Inverse Finite Element Approach for the Fast Simulation of Tube Hydroforming

Author(s): Chebbah, MS (Chebbah, Mohamed-Said); Hebbir, N (Hebbir, Nacer); Kanit, T (Kanit, Toufik); Dehimi, S (Dehimi, Sara)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 78-85 **DOI:** 10.1016/j.protcy.2016.01.013 **Published:** 2016

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Record 13 of 50

Title: Identification of Beam Cracks by Solution of an Inverse Problem

Author(s): Teidj, S (Teidj, Sara); Khamlichi, A (Khamlichi, Abdellatif); Driouach, A (Driouach, Abdallah)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 86-93 **DOI:** 10.1016/j.protcy.2016.01.014 **Published:** 2016

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Record 14 of 50

Title: Predictability of Impact Force Localization by Using the Optimization Technique

Author(s): El-Bakari, A (El-Bakari, Abdelali); Teidj, S (Teidj, Sara); Khamlichi, A (Khamlichi, Abdellatif); Jacquelin, E (Jacquelin, Eric)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Author Identifiers:

Author	ResearcherID Number	ORCID Number
Khamlichi, Abdellatif		0000-0001-6954-774X

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Record 15 of 50

Title: New Method of Cold Forming by the Spheres for Pipe Converting to the T-shape Tube

Author(s): Faraji, H (Faraji, Hossein); Khalili, K (Khalili, Khalil)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 16 of 50

Title: Joint Configuration of Composite Beams to Reinforced Concrete Wall

Author(s): Pop, M (Pop, Maria); Kiss, Z (Kiss, Zoltan); Pernes, P (Pernes, Paul)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Conference Host: Univ Tirgu Mure, Fac Engr

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Record 17 of 50

Title: Specific Issues on the Design and Expertise of Steel Columns for Overhead Lines

Author(s): Iuhos, VC (Iuhos, Vincentiu Cristian); Campian, CM (Campian, Cristina Mihaela)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 18 of 50

Title: Shear Behaviour of UHPC Concrete Beams

Author(s): Zagon, R (Zagon, Raul); Zoltan, K (Zoltan, Kiss)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 19 of 50

Title: Assessment of the Concretes Mechanical Strengths from the Construction Elements Supposed on Dissolving - Levigation Corrosion

Author(s): Diaconu, LI (Diaconu, Livia Ingrid); Plian, D (Plian, Diana)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Assessment of the Mechanical Strengths of the Concretes from the Joints Between the Precasted Wall Panels Subjected on Dissolving - Levigation Corrosion
Author(s): Diaconu, LI (Diaconu, Livia Ingrid); Plian, D (Plian, Diana)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 133-138 **DOI:** 10.1016/j.protcy.2016.01.021 **Published:** 2016
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Title: Reliability Analysis of Dynamic Buckling Stiffened Panels
Author(s): Ouadia, M (Ouadia, Mouhat); Abdellatif, K (Abdellatif, Khamlichi)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 139-145 **DOI:** 10.1016/j.protcy.2016.01.022 **Published:** 2016
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Conference Host: Univ Tirgu Mure, Fac Engr
ISSN: 2212-0173

Record 22 of 50

Title: Method of Structural Design of Heavy Machine Tools
Author(s): Kovalov, V (Kovalov, Viktor); Antonenko, Y (Antonenko, Yana); Dasic, P (Dasic, Predrag)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 146-152 **DOI:** 10.1016/j.protcy.2016.01.023 **Published:** 2016
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Title: Improving of Vibration Resistance of Boring Tools by Big Diameter Holes Tooling on Lathe
Author(s): Khoroshailo, V (Khoroshailo, Vadim); Kovalov, V (Kovalov, Viktor); Dasic, P (Dasic, Predrag)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 153-160 **DOI:** 10.1016/j.protcy.2016.01.038 **Published:** 2016
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Title: The Heat Treatment Influence of 1.3343 High Speed Steel on Content of Residual Austenite
Author(s): Stoicanescu, M (Stoicanescu, Maria); Ene, E (Ene, Emilian); Zara, A (Zara, Adriana); Giacomelli, J (Giacomelli, Joan); Crisan, A (Crisan, Aurel)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 161-166 **DOI:** 10.1016/j.protcy.2016.01.039 **Published:** 2016
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Title: Studies Regarding Mechanical Properties Improvement of Aluminum Alloy Type AlSi5Cu and Results Validation by Calculating Precision Indicators
Author(s): Stoicanescu, M (Stoicanescu, Maria); Smeada, M (Smeada, Mihaela)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 167-173 **DOI:** 10.1016/j.protcy.2016.01.040 **Published:** 2016
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Title: Composites with Short Fibers Reinforced Epoxy Resin Matrix
Author(s): Matei, S (Matei, Simona); Stoicanescu, M (Stoicanescu, Maria); Crisan, A (Crisan, Aurel)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Study of a New Composite Material Rt800 Reinforced with Polyte 440-M888 in Endurance Conditions
Author(s): Modrea, A (Modrea, Arina); Gheorghe, V (Gheorghe, Vasile); Sandu, V (Sandu, Venetia); Teodorescu-Draghicescu, H (Teodorescu-Draghicescu, Horatiu); Mihalceica, M (Mihalceica, Mircea); Scutaru, ML (Scutaru, Maria Luminita)
Edited by: Moldovan L
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Title: New Alternative in the Methodology of Extraction and Dyeing with Active Molecules Derived from Vegetal Sources
Author(s): Coman, D (Coman, Diana); Vrinceanu, N (Vrinceanu, Narcisa); Dinu, M (Dinu, Milena); Cipaian, RC (Cipaian, Remus Calin)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 187-194 **DOI:** 10.1016/j.protcy.2016.01.043 **Published:** 2016
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Title: Application of Particle Swarm Optimization for Optimizing the Process Parameters in Turning of PEEK CF30 Composites
Author(s): Hanafi, I (Hanafi, I.); Cabrera, FM (Cabrera, F. Mata); Dimanc, F (Dimane, F.); Manzanares, JT (Manzanares, J. Tejero)
Edited by: Moldovan L
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Record 30 of 50

Title: Long-term Behavior of Ultra - High Performance Concrete (UHPC) Bended Beams
Author(s): Barbos, GA (Barbos, Gheorghe-Alexandru)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 203-210 **DOI:** 10.1016/j.protcy.2016.01.045 **Published:** 2016
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Title: Geochemical Assessment of Limestone for Cement Manufacturing
Author(s): Bouazza, N (Bouazza, Noureddine); El Mrihi, A (El Mrihi, Abdelaziz); Maate, A (Maate, Ali)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 211-218 **DOI:** 10.1016/j.protcy.2016.01.046 **Published:** 2016
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Title: Mechanical Properties of Hardened High Strength Concrete
Author(s): Constantinescu, H (Constantinescu, Horia); Gherman, O (Gherman, Oana); Negrutiu, C (Negrutiu, Camelia); Ioan, SP (Ioan, Sosa Pavel)
Edited by: Moldovan L
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Record 33 of 50**Title:** A Study on a Two-Way Post-Tensioned Concrete Waffle Slab**Author(s):** Moldovan, I (Moldovan, Ilinca); Mathe, A (Mathe, Aliz)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 227-234 **DOI:** 10.1016/j.protcy.2016.01.072 **Published:** 2016**Accession Number:** WOS:000383949300033**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 34 of 50**Title:** The Behavior of Different Precast Concrete Structures Under Seismic Action**Author(s):** Tosa, FV (Tosa, Florin V.); Salha, R (Salha, Riyadh)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 235-242 **DOI:** 10.1016/j.protcy.2016.01.073 **Published:** 2016**Accession Number:** WOS:000383949300034**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 35 of 50**Title:** The Passive Mixing Phenomena in Microtubes with Baffle Configuration**Author(s):** Milotin, R (Milotin, Roxana); Lelea, D (Lelea, Dorin)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 243-250 **DOI:** 10.1016/j.protcy.2016.01.075 **Published:** 2016**Accession Number:** WOS:000383949300035**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 36 of 50**Title:** New Types of Plastering Mortars Based on Marble Powder Slime**Author(s):** Molnar, LM (Molnar, Luminita Monica); Manea, DL (Manea, Daniela Lucia)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 251-258 **DOI:** 10.1016/j.protcy.2016.01.076 **Published:** 2016**Accession Number:** WOS:000383949300036**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 37 of 50**Title:** Determining the Optimum Addition of Vegetable Materials in Adobe**Author(s):** Calatan, G (Calatan, Gabriela); Hegyi, A (Hegyi, Andreea); Dico, C (Dico, Carmen); Mircea, C (Mircea, Calin)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 259-265 **DOI:** 10.1016/j.protcy.2016.01.077 **Published:** 2016**Accession Number:** WOS:000383949300037**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 38 of 50**Title:** Solutions to Improving the Performances and Emission Control in a Poor Mixtures Fueled Automotive Spark Ignition Engine**Author(s):** Rakosi, E (Rakosi, Edward); Talif, SG (Talif, Sorinel Gicu); Manolache, G (Manolache, Gheorghe)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 266-273 **DOI:** 10.1016/j.protcy.2016.01.079 **Published:** 2016**Accession Number:** WOS:000383949300038**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 39 of 50**Title:** Location of Production Facilities in the Framework of Sustainable Development**Author(s):** Burciu, S (Burciu, Stefan); Popa, M (Popa, Mihaela); Rosca, E (Rosca, Eugen); Rusca, F (Rusca, Florin); Costescu, D (Costescu, Dorinela)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 274-281 **DOI:** 10.1016/j.protcy.2016.01.080 **Published:** 2016

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Author Identifiers:

Author	ResearcherID Number	ORCID Number
Rusca, Florin Valentin	H-3447-2012	0000-0002-4074-0105

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Record 40 of 50

Title: Reduced Carbon Footprint with Composite Structures
Author(s): Urian, GM (Urian, Gabriel Mircea); Haupt-Karp, A (Haupt-Karp, Alina)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 282-289 **DOI:** 10.1016/j.protcy.2016.01.081 **Published:** 2016
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Record 41 of 50

Title: Analyzing Public Transportation for The Effects of Individual Characteristics on Mode Choice with Multi Agent Simulation
Author(s): Oral, LO (Oral, L. Ozge); Tecim, V (Tecim, Vahap)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 290-297 **DOI:** 10.1016/j.protcy.2016.01.100 **Published:** 2016
Accession Number: WOS:000383949300041
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Title: Mineralogical Assessment Regarding the Sustainability of Mortars Exposed to Sodium Sulfate Attack
Author(s): Balog, AA (Balog, Anca-Andreea); Cobirzan, N (Cobirzan, Nicoleta); Suci, RC (Suci, Ramona-Crina); Mosonyi, E (Mosonyi, Emilia); Aciu, C (Aciu, Claudiu)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 298-303 **DOI:** 10.1016/j.protcy.2016.01.101 **Published:** 2016
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Record 43 of 50

Title: Sustainability of Masonry and Reinforced Concrete Frame Structures. Case Studies.
Author(s): Puskas, A (Puskas, Attila); Moga, L (Moga, Ligia)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 304-311 **DOI:** 10.1016/j.protcy.2016.01.102 **Published:** 2016
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Title: Nexus of the Load Bearing Capacity of Rails and the Stiffness of the Optimized Sleepers
Author(s): Kollo, SA (Kollo, Szabolcs Attila); Kollo, G (Kollo, Gavril); Puskas, A (Puskas, Attila)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 312-318 **DOI:** 10.1016/j.protcy.2016.01.103 **Published:** 2016
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Title: Using Intersection Conflict Index in Urban Traffic Risk Evaluation
Author(s): Costescu, D (Costescu, Dorinela); Raicu, S (Raicu, Serban); Rosca, M (Rosca, Mircea); Burciu, S (Burciu, Stefan); Rusca, F (Rusca, Florin)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 319-326 **DOI:** 10.1016/j.protcy.2016.01.104 **Published:** 2016
Accession Number: WOS:000383949300045
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Rusca, Florin Valentin	H-3447-2012	0000-0002-4074-0105

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Record 46 of 50**Title:** Green Plastering Mortars Based on Clay and Wheat Straw**Author(s):** Andres, DM (Andres, Dana Maria); Manea, DL (Manea, Daniela Lucia); Fechet, R (Fechet, Radu); Jumate, E (Jumate, Elena)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**22 **Pages:** 327-334 **DOI:** 10.1016/j.protcy.2016.01.105 **Published:** 2016**Accession Number:** WOS:000383949300046**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 47 of 50**Title:** Clay Mortar Performance Improvement by Modifying the Physical Characteristics of Wheat Straw**Author(s):** Andres, DM (Andres, Dana Maria); Manea, DL (Manea, Daniela Lucia); Fechet, R (Fechet, Radu); Jumate, E (Jumate, Elena)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**22 **Pages:** 335-342 **DOI:** 10.1016/j.protcy.2016.01.106 **Published:** 2016**Accession Number:** WOS:000383949300047**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 48 of 50**Title:** Looking for Oil-free Building Materials Clay Pipes to Replace Polymer Pipes**Author(s):** Salha, R (Salha, Riyadh); Tosa, FV (Tosa, Florin V.)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**22 **Pages:** 343-350 **DOI:** 10.1016/j.protcy.2016.01.107 **Published:** 2016**Accession Number:** WOS:000383949300048**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 49 of 50**Title:** Improving Thermal Performance of the Wall Panels Using Slotted Steel Stud Framing**Author(s):** Lupan, LM (Lupan, Lidia Maria); Manea, DL (Manea, Daniela Lucia); Moga, LM (Moga, Ligia Mihaela)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**22 **Pages:** 351-357 **DOI:** 10.1016/j.protcy.2016.01.108 **Published:** 2016**Accession Number:** WOS:000383949300049**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 50 of 50**Title:** Thermal Rehabilitation Technology and the Nearly Zero-Energy Buildings. Romanian Representative Education Buildings-Case Study**Author(s):** Baran, I (Baran, Irina); Dumitrescu, L (Dumitrescu, Laura); Pescaru, RA (Pescaru, Radu Aurel)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**22 **Pages:** 358-364 **DOI:** 10.1016/j.protcy.2016.01.024 **Published:** 2016**Accession Number:** WOS:000383949300050**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Title: 3N-AHP Model, the New Multiactor Multicriteria for the Selection of Optimal Corridors of the Line Infrastructure Facilities

Author(s): Hot, I (Hot, Izet); Manic, N (Manic, Nazim); Serifi, V (Serifi, Veis)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 365-372 **DOI:** 10.1016/j.protcy.2016.01.025 **Published:** 2016

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Title: Detection of Flood Hazard in Urban Areas Using GIS: Izmir Case

Author(s): Ozkan, SP (Ozkan, Sevim Pelin); Tarhan, C (Tarhan, Cigdem)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 373-381 **DOI:** 10.1016/j.protcy.2016.01.026 **Published:** 2016

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Title: Improving Disaster Resilience Using Mobile Based Disaster Management System

Author(s): Aydin, C (Aydin, Can); Tarhan, C (Tarhan, Cigdem); Ozgur, AS (Ozgur, Ahmet Selcuk); Tecim, V (Tecim, Vahap)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 382-390 **DOI:** 10.1016/j.protcy.2016.01.027 **Published:** 2016

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Title: The Control of Natural Disaster Caused by Slopes Sliding by Means of Stepped Buildings

Author(s): Iliies, NM (Iliies, Nicoleta-Maria); Farcas, VS (Farcas, Vasile-Stelian); Cot, RV (Cot, Radu-Vasile); Moldovan, IM (Moldovan, Ioana-Madalina)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 391-398 **DOI:** 10.1016/j.protcy.2016.01.028 **Published:** 2016

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Title: Recycling of Acrylonitrile-Butadiene-Styrene Using Injection Moulding Machine

Author(s): Garcia, MDT (Trujillo Garcia, Maria de Gracia); Schlatter, M (Schlatter, Manfred); Cabrera, FM (Mata Cabrera, Francisco); Manzanares, JT (Tejero Manzanares, Jose); Hanafi, I (Hanafi, Issam)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 399-406 **DOI:** 10.1016/j.protcy.2016.01.068 **Published:** 2016

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Title: Characterization of Polymer Concrete with Different Wastes Additions

Author(s): Barbuta, M (Barbuta, Marinela); Rujanu, M (Rujanu, Mircea); Nicuta, A (Nicuta, Alina)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 407-412 **DOI:** 10.1016/j.protcy.2016.01.069 **Published:** 2016

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Title: The Flying Ash Taken by Wet Process from CET Holboca Iassy - Major Pollution Source

Author(s): Ioniuc, I (Ioniuc, Ileana); Diaconu, LI (Diaconu, Livia Ingrid); Grigorescu, C (Grigorescu, Cristina); Mihaela, AM (Mihaela, Alexoia Monica)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 413-418 **DOI:** 10.1016/j.protcy.2016.01.070 **Published:** 2016

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Title: Optimizing Production Costs by Redesigning the Treatment Process of the Industrial Waste Water

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

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 419-424 **DOI:** 10.1016/j.protcy.2016.01.071 **Published:** 2016

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Title: Study on Procedures for Acceptance of Waste in Landfill

Author(s): Morar, F (Morar, Florica); Bucur, B (Bucur, Bogdan); Stoica, A (Stoica, Anisoara)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 425-430 **DOI:** 10.1016/j.protcy.2016.01.074 **Published:** 2016

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Title: An Algorithm Based on the Backtracking Method for Cropping Systems and the Rotation of Cultures

Author(s): Popescu, DA (Popescu, Doru Anastasiu); Bold, N (Bold, Nicolae); Bold, AC (Bold, Alina Claudia)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 431-439 **DOI:** 10.1016/j.protcy.2016.01.078 **Published:** 2016

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Title: A Performant State-of-Art Tool to Assess Cross-Border Impact of Industrial Activities. A Transboundary Air Pollution Case Study

Author(s): Popescu, F (Popescu, Francisc)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 440-444 **DOI:** 10.1016/j.protcy.2016.01.082 **Published:** 2016

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Title: An Assessment of Pollution with Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofuranes (PCDFs) at Steelmaking

Author(s): Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 445-451 **DOI:** 10.1016/j.protcy.2016.01.084 **Published:** 2016

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Title: An Assessment of Pollution with Volatile Organic Compounds in the Electric Arc Furnaces

Author(s): Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Marza, CM (Marza, Carmen Maria); Aciu, C (Aciu, Claudiu); Hadarean, A (Hadarean, Adriana); Domnita, FV (Domnita, Florin Vasile); Sas-Boca, IM (Sas-Boca, Ioana-Monica); Mihu, AM (Mihu, Adriana Maria)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 452-456 **DOI:** 10.1016/j.protcy.2016.01.086 **Published:** 2016

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Title: Influence of Soil Tillage Systems and Weed Control Treatments on Root Nodules, Production and Qualitative Indicators of Soybean

Author(s): Chetan, C (Chetan, Cornel); Rusu, T (Rusu, Teodor); Chetan, F (Chetan, Felicia); Simon, A (Simon, Aline)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Effect of Metal Ions, Chemical Agents, and Organic Solvent on Bacillus Sp.R2 Chitinase Activity

Author(s): Cheba, B (Cheba, Ben Amar); Zaghoul, TI (Zaghoul, Taha Ibrahim); El-Massry, MH (EL-Massry, Mohamad Hisham); El-Mahdy, AR (EL-Mahdy, Ahmad Rafik)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 465-470 **DOI:** 10.1016/j.protcy.2016.01.090 **Published:** 2016

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Record 16 of 50

Title: Effect of pH and Temperature on Bacillus sp R2 Chitinase Activity and Stability

Author(s): Cheba, B (Cheba, Ben Amar); Zaghoul, TI (Zaghoul, Taha Ibrahim); EL-Mandy, AR (EL-Mandy, Ahmad Rafik); El-Massry, MH (EL-Massry, Mohamad Hisham)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 471-477 **DOI:** 10.1016/j.protcy.2016.01.092 **Published:** 2016

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Record 17 of 50

Title: Life Cycle Assessment of Diesel Fuel and Solar Pumps in Operation Stage for Rice Cultivation in Tanta, Nile Delta, Egypt

Author(s): Armanuos, AM (Armanuos, Asaad M.); Negm, A (Negm, Abdelazim); El Tahan, AHMH (El Tahan, Abdel Hamid M. H.)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 478-485 **DOI:** 10.1016/j.protcy.2016.01.095 **Published:** 2016

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Record 18 of 50

Title: The Influence of Sugar-Processing Effects on Water in Treatment Plants

Author(s): Morar, F (Morar, Florica); Rus, D (Rus, Dana); Lung, BI (Lung, Bogdan-Ionut)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 486-492 **DOI:** 10.1016/j.protcy.2016.01.098 **Published:** 2016

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Record 19 of 50

Title: Localization of Impact Force Occurring on Elastic Plates by Using a Particle Swarm Algorithm

Author(s): El-Bakari, A (El-Bakari, Abdelali); Khamlichi, A (Khamlichi, Abdellatif); Jacquelin, E (Jacquelin, Eric)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 493-500 **DOI:** 10.1016/j.protcy.2016.01.099 **Published:** 2016

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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Author Identifiers:

Author	ResearcherID Number	ORCID Number
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Khamlichi, Abdellatif

0000-0001-6954-774X

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Record 20 of 50**Title:** An Efficiency PI Speed Controller for Future Electric Vehicle in Several Topology**Author(s):** Gasbaoui, B (Gasbaoui, Brahim); Nasri, A (Nasri, Abdelfatah); Abdelkhalek, O (Abdelkhalek, Othmane)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 501-508 **DOI:** 10.1016/j.protcy.2016.01.109 **Published:** 2016**Accession Number:** WOS:000383949300070**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 21 of 50**Title:** Novel Four Wheel Drive Propulsion System Control Using Backstepping Strategy**Author(s):** Nasri, A (Nasri, Abdelfatah); Gasbaoui, B (Gasbaoui, Brahim); Fayssal, B (Fayssal, Ben Mohamed)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 509-517 **DOI:** 10.1016/j.protcy.2016.01.110 **Published:** 2016**Accession Number:** WOS:000383949300071**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 22 of 50**Title:** Sliding Mode Control for Four Wheels Electric Vehicle Drive**Author(s):** Nasri, A (Nasri, Abdelfatah); Gasbaoui, B (Gasbaoui, Brahim); Fayssal, B (Fayssal, Ben Mohammed)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 518-526 **DOI:** 10.1016/j.protcy.2016.01.111 **Published:** 2016**Accession Number:** WOS:000383949300072**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 23 of 50**Title:** Modeling an Eddy-Current Probe for Damage Detection of Surface Cracks in Metallic Parts**Author(s):** Aoukili, A (Aoukili, Abdeslam); Khamlichi, A (Khamlichi, Abdellatif)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 527-534 **DOI:** 10.1016/j.protcy.2016.01.112 **Published:** 2016**Accession Number:** WOS:000383949300073**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Khamlichi, Abdellatif		0000-0001-6954-774X

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Record 24 of 50**Title:** Numerical simulation of HVAC system functionality in a sociocultural building**Author(s):** Popovici, CG (Popovici, Catalin-George); Hudisteanu, VS (Hudisteanu, Valeriu Sebastian)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 535-542 **DOI:** 10.1016/j.protcy.2016.01.113 **Published:** 2016**Accession Number:** WOS:000383949300074**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 25 of 50**Title:** Estimation of Initial Functions for System With Delays Based On Adjoint Sensitivity Analysis**Author(s):** Fajarewicz, K (Fajarewicz, Krzysztof)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 543-548 **DOI:** 10.1016/j.protcy.2016.01.114 **Published:** 2016**Accession Number:** WOS:000383949300075**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 26 of 50

Title: A Low Mutual Coupling Design for Array Microstrip Antennas Integrated with Electromagnetic Band-Gap Structures

Author(s): Kaabal, A (Kaabal, Abdelmoumen); El Halaoui, M (El Halaoui, Mustapha); Ahyoud, S (Ahyoud, Saida); Asselman, A (Asselman, Adel)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 549-555 **DOI:** 10.1016/j.protcy.2016.01.115 **Published:** 2016

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Record 27 of 50

Title: Implementation of Tracking of a Moving Object Based on Camshift Approach with a UAV

Author(s): Coskun, M (Coskun, Musab); Unal, S (Unal, Sencer)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 556-561 **DOI:** 10.1016/j.protcy.2016.01.116 **Published:** 2016

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Record 28 of 50

Title: Flexible Automation in Porcelain Edge Polishing Using Machine Vision

Author(s): Hosseininia, SJ (Hosseininia, S. J.); Khalili, K (Khalili, K.); Emam, SM (Emam, S. M.)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 562-569 **DOI:** 10.1016/j.protcy.2016.01.117 **Published:** 2016

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Record 29 of 50

Title: Performance of GPR Influenced by Electrical Conductivity and Dielectric Constant

Author(s): Alsharahi, G (Alsharahi, Gamil); Driouach, A (Driouach, Abdellah); Faize, A (Faize, Ahmed)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 570-575 **DOI:** 10.1016/j.protcy.2016.01.118 **Published:** 2016

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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Record 30 of 50

Title: Simulation Model for Calculating the Route Time of a Vehicle

Author(s): Roib, VA (Roib, Voichita Angela)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 576-581 **DOI:** 10.1016/j.protcy.2016.01.120 **Published:** 2016

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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Record 31 of 50

Title: Theoretical Study of the Nonlinear Control Algorithms with Continuous and Discrete-Time State Dependent Riccati Equation

Author(s): Gyorgy, K (Gyorgy, Katalin); David, L (David, Laszlo); Kelemen, A (Kelemen, Andras)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 582-591 **DOI:** 10.1016/j.protcy.2016.01.123 **Published:** 2016

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Record 32 of 50

Title: IMC based PID Control of a Magnetic Levitation System

Author(s): Duka, AV (Duka, Adrian-Vasile); Dulau, M (Dulau, Mircea); Oltean, SE (Oltean, Stelian-Emilian)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 592-599 **DOI:** 10.1016/j.protcy.2016.01.125 **Published:** 2016

Accession Number: WOS:000383949300082

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Record 33 of 50

Title: Adaptive Neuro-Fuzzy Structure Based Control Architecture

Author(s): Tamas, T (Tamas, Tibor); Hajdu, S (Hajdu, Szabolcs); Brassai, ST (Brassai, Sandor Tihamer)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 600-605 **DOI:** 10.1016/j.protcy.2016.01.126 **Published:** 2016

Accession Number: WOS:000383949300083

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Record 34 of 50

Title: Design of New Antenna in the Form of Dollar-Symbole for WLAN Technology

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

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 606-613 **DOI:** 10.1016/j.protcy.2016.01.029 **Published:** 2016

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Record 35 of 50

Title: Multivariable System with Level Control

Author(s): Dulau, M (Dulau, Mircea); Dulau, TM (Dulau, Tudor-Mircea)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 36 of 50

Title: Fault Tolerant Control Multiprocessor Systems Modelling Using Advanced Stochastic Petri Nets

Author(s): Dumitrescu, M (Dumitrescu, Mariana)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 623-628 **DOI:** 10.1016/j.protcy.2016.01.129 **Published:** 2016

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Record 37 of 50

Title: Model Reference Adaptive Control Design for Slow Processes. A Case Study on Level Process Control

Author(s): Oltean, SE (Oltean, Stelian-Emilian); Dulau, M (Dulau, Mircea); Duka, AV (Duka, Adrian-Vasile)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 38 of 50

Title: Study on Optical Fiber Insertion in Underground Telecommunication Networks Using Hydraulic Similarity

Author(s): Grigoriu, M (Grigoriu, Mircea); Popescu, MC (Popescu, Marius Constantin)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 637-644 **DOI:** 10.1016/j.protcy.2016.01.133 **Published:** 2016

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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Record 39 of 50

Title: Non-Linear Methods in HRV Analysis

Author(s): German-Sallo, Z (German-Sallo, Zoltan); German-Sallo, M (German-Sallo, Marta)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 40 of 50

Title: Communication Resource Planning for Monitoring and Control Systems based on Distributed Virtual Instrumentation Networks

Author(s): Turc, T (Turc, Traian); Gligor, A (Gligor, Adrian)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 41 of 50

Title: Mouse Cursor Control System Based on Hand Gesture

Author(s): Grif, HS (Grif, Horatiu-Stefan); Farcas, CC (Farcas, Cornel Cristian)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 42 of 50

Title: Modeling and Simulation of the Operation of a Mechanical System which is Affected by Uncertainties

Author(s): Dulau, M (Dulau, Mircea); Oltean, SE (Oltean, Stelian-Emilian); Duka, AV (Duka, Adrian-Vasile)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 662-669 **DOI:** 10.1016/j.protcy.2016.01.139 **Published:** 2016

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Record 43 of 50

Title: Tracking Kinematic Gait Parameters During the Recovery of Motor Function After Total Knee Arthroplasty

Author(s): Mihalcica, M (Mihalcica, Mircea); Modrea, A (Modrea, Arina); Munteanu, V (Munteanu, Violeta); Burca, I (Burca, Ioan)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 670-676 **DOI:** 10.1016/j.protcy.2016.01.140 **Published:** 2016

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Record 44 of 50

Title: Neural Estimator Automatic Fluorescent Daylight Control System

Author(s): Grif, HS (Grif, Horatiu-Stefan); German-Sallo, Z (German-Sallo, Zoltan); Gligor, A (Gligor, Adrian)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 677-681 **DOI:** 10.1016/j.protcy.2016.01.142 **Published:** 2016

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Record 45 of 50

Title: Fetal ECG Extraction from Multichannel Abdominal ECG Recordings for Health Monitoring During Labor

Author(s): Ionescu, V (Ionescu, Viorel)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 Pages: 682-689 **DOI:** 10.1016/j.protcy.2016.01.143 **Published:** 2016

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Record 46 of 50

Title: Passive Tubular Daylight Guidance System Survey

Author(s): Ciugudeanu, C (Ciugudeanu, Calin); Beu, D (Beu, Dorin)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 690-696 **DOI:** 10.1016/j.protcy.2016.01.144 **Published:** 2016

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Record 47 of 50

Title: A MPPT Strategy Based on Fuzzy Control for a Wind Energy Conversion System

Author(s): El Yaakoubi, A (El Yaakoubi, Ali); Asselman, A (Asselman, Adel); Djebli, A (Djebli, A.); Aroudam, E (Aroudam, El Hassan)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 697-704 **DOI:** 10.1016/j.protcy.2016.01.145 **Published:** 2016

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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Title: On Combustion of Diesel Fuel Drops at LPG Fuelling by Diesel Gas Method

Author(s): Cernat, A (Cernat, Alexandru); Pana, C (Pana, Constantin); Negurescu, N (Negurescu, Nicolae); Nutu, C (Nutu, Cristian)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 705-712 **DOI:** 10.1016/j.protcy.2016.01.146 **Published:** 2016

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Conference Host: Univ Tirgu Mure, Fac Engr

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Record 49 of 50

Title: Simulating the Effect of Gas Channel Geometry on PEM Fuel Cell Performance by Finite Element Method

Author(s): Ionescu, V (Ionescu, Viorel)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 713-719 **DOI:** 10.1016/j.protcy.2016.01.147 **Published:** 2016

Accession Number: WOS:000383949300099

Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Conference Host: Univ Tirgu Mure, Fac Engr

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Record 50 of 50

Title: Heat Exchanger Versus Storage Tank for Hot Tap Water Preparation in District Heating Systems

Author(s): Manescu, R (Manescu, Radu)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 720-725 **DOI:** 10.1016/j.protcy.2016.01.030 **Published:** 2016

Accession Number: WOS:000383949300100

Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Conference Location: Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA

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Record 1 of 50**Title:** Structural Optimization of Composite from Wind Turbine Blades with Horizontal Axis Using Finite Element Analysis**Author(s):** Domnica, SM (Domnica, Stanciu Mariana); Ioan, C (Ioan, Curtu); Ionut, T (Ionut, Tesula)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 726-733 **DOI:** 10.1016/j.protcy.2016.01.031 **Published:** 2016**Accession Number:** WOS:000383949300101**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 2 of 50**Title:** Optimal Location of a Distributed Generator for Power Losses Improvement**Author(s):** Dulau, LI (Dulau, Lucian Ioan); Abrudean, M (Abrudean, Mihail); Bica, D (Bica, Dorin)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 734-739 **DOI:** 10.1016/j.protcy.2016.01.032 **Published:** 2016**Accession Number:** WOS:000383949300102**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 3 of 50**Title:** Smart Grid Economic Dispatch**Author(s):** Dulau, LI (Dulau, Lucian Ioan); Abrudean, M (Abrudean, Mihail); Bica, D (Bica, Dorin)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 740-745 **DOI:** 10.1016/j.protcy.2016.01.033 **Published:** 2016**Accession Number:** WOS:000383949300103**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 4 of 50**Title:** The Influence of LPG Fuelling on Diesel Engine Cycle Variability**Author(s):** Cernat, A (Cernat, Alexandru); Pana, C (Pana, Constantin); Negurescu, N (Negurescu, Nicolae); Nutu, C (Nutu, Cristian)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 746-753 **DOI:** 10.1016/j.protcy.2016.01.034 **Published:** 2016**Accession Number:** WOS:000383949300104**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 5 of 50**Title:** Dynamic Simulation and Optimization of Rhombic Drive Stirling Engine Using MSC ADAMS Software**Author(s):** Badr, WS (Badr, W. S.); Fanni, M (Fanni, M.); Abdel-Rahman, AK (Abdel-Rahman, Ali K.); Rasoul, SA (Rasoul, S. Abdel)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 754-761 **DOI:** 10.1016/j.protcy.2016.01.035 **Published:** 2016**Accession Number:** WOS:000383949300105**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 6 of 50**Title:** Influence of E20 Fuelling on Combustion Cycle Variability at Turbocharged Spark Ignition Engine**Author(s):** Obeid, ZH (Obeid, Zuhair H.); Cernat, A (Cernat, Alexandru); Pana, C (Pana, Constantin); Negurescu, N (Negurescu, Nicolae); Nutu, C (Nutu, Cristian)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 762-766 **DOI:** 10.1016/j.protcy.2016.01.036 **Published:** 2016**Accession Number:** WOS:000383949300106**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 7 of 50**Title:** Vibration Detection of the Electrical Motors using Strain Gauges**Author(s):** Agoston, K (Agoston, Katalin)**Edited by:** Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 767-772 **DOI:** 10.1016/j.protcy.2016.01.037 **Published:** 2016
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Title: Multicriterial Analysis on Selecting Solar Radiation Concentration Ration for Photovoltaic Panels Using Electre-Boldur Method
Author(s): Naghiu, GS (Naghiu, George Sebastian); Giurca, I (Giurca, Ioan); Aschilean, J (Aschilean, Joan); Badea, G (Badea, Gheorghe)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 773-780 **DOI:** 10.1016/j.protcy.2016.01.048 **Published:** 2016
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Record 9 of 50

Title: Comparative Analysis on the Solutions of Hydrogen Production Using Solar Energy with and without Connection to the Power Network
Author(s): Naghiu, GS (Naghiu, George Sebastian); Giurca, I (Giurca, Ioan); Aschilean, I (Aschilean, Ioan); Badea, G (Badea, Gheorghe)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 781-788 **DOI:** 10.1016/j.protcy.2016.01.049 **Published:** 2016
Accession Number: WOS:000383949300109
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Record 10 of 50

Title: Selecting the Technical Solutions for Thermal and Energy Rehabilitation and Modernization of Buildings
Author(s): Giurca, I (Giurca, Ioan); Aschilean, I (Aschilean, Ioan); Naghiu, GS (Naghiu, George Sebastian); Badea, G (Badea, Gheorghe)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 789-796 **DOI:** 10.1016/j.protcy.2016.01.050 **Published:** 2016
Accession Number: WOS:000383949300110
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Conference Location: Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA
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Record 11 of 50

Title: Determining the Operating Diagram for the Cogeneration Steam Turbines
Author(s): Atanasoae, P (Atanasoae, Pavel)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 797-802 **DOI:** 10.1016/j.protcy.2016.01.051 **Published:** 2016
Accession Number: WOS:000383949300111
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Conference Location: Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA
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Record 12 of 50

Title: SCADA System for Solar MPPT Controller Monitoring
Author(s): Pasc, PC (Pasc, Petru-Claudiu); Dumitru, CD (Dumitru, Cristian-Dragos)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 803-807 **DOI:** 10.1016/j.protcy.2016.01.052 **Published:** 2016
Accession Number: WOS:000383949300112
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 08-09, 2015
Conference Location: Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA
Conference Host: Univ Tirgu Mure, Fac Engr
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Record 13 of 50

Title: Solar Photovoltaic Energy Production Forecast Using Neural Networks
Author(s): Dumitru, CD (Dumitru, Cristian-Dragos); Gligor, A (Gligor, Adrian); Enachescu, C (Enachescu, Calin)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 808-815 **DOI:** 10.1016/j.protcy.2016.01.053 **Published:** 2016
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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Conference Location: Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA
Conference Host: Univ Tirgu Mure, Fac Engr

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Record 14 of 50**Title:** Protection of Encapsulated Medium Voltage Cells Against Electric Arc**Author(s):** Damian, C (Damian, Claudiu); Tirnovan, R (Tirnovan, Radu); Dumitru, P (Dumitru, Popandron); Osan, M (Osan, Marian)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 816-820 **DOI:** 10.1016/j.protcy.2016.01.054 **Published:** 2016**Accession Number:** WOS:000383949300114**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 15 of 50**Title:** Churches Heating: The Optimum Balance Between Cost Management and Thermal Comfort**Author(s):** Turcanu, FE (Turcanu, Florin Emilian); Verdes, M (Verdes, Marina); Serbanoiu, I (Serbanoiu, Ion)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 821-828 **DOI:** 10.1016/j.protcy.2016.01.055 **Published:** 2016**Accession Number:** WOS:000383949300115**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 16 of 50**Title:** Technical and Economical Analysis of a Solar Power System Supplying a Residential Consumer**Author(s):** Ronay, K (Ronay, Karoly); Dumitru, CD (Dumitru, Cristian Dragos)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 829-835 **DOI:** 10.1016/j.protcy.2016.01.056 **Published:** 2016**Accession Number:** WOS:000383949300116**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 17 of 50**Title:** An Approach to Intelligent Road Lighting System with Renewable Energy Based Power Supply**Author(s):** Ronay, K (Ronay, Karoly); Dumitru, CD (Dumitru, Cristian Dragos)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 836-839 **DOI:** 10.1016/j.protcy.2016.01.057 **Published:** 2016**Accession Number:** WOS:000383949300117**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 18 of 50**Title:** Comparative Analysis of WEEE Recovery Strategies and the WEEE Treatment Status in China and Romania**Author(s):** Daniel, L (Daniel, Lates); Sorina, M (Sorina, Moica)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 840-847 **DOI:** 10.1016/j.protcy.2016.01.058 **Published:** 2016**Accession Number:** WOS:000383949300118**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 19 of 50**Title:** Solar Power Generation System with Low Temperature Heat Storage**Author(s):** Dragomir-Stanciu, D (Dragomir-Stanciu, Daniel); Luca, C (Luca, Constantin)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 848-853 **DOI:** 10.1016/j.protcy.2016.01.059 **Published:** 2016**Accession Number:** WOS:000383949300119**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr

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Record 20 of 50**Title:** String Transformation Approach for Morpheme Rule Induction**Author(s):** Kovacs, L (Kovacs, Laszlo); Szabo, G (Szabo, Gabor)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 854-861 **DOI:** 10.1016/j.protcy.2016.01.060 **Published:** 2016

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Title: Biometric authentication based on touchscreen swipe patterns
Author(s): Antal, M (Antal, Margit); Szabo, LZ (Szabo, Laszlo Zsolt)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 862-869 **DOI:** 10.1016/j.protcy.2016.01.061 **Published:** 2016
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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Author Identifiers:

Author	ResearcherID Number	ORCID Number
Lu, Yinzhong	J-4712-2016	

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Title: Fast Probabilistic Pseudo-Morphology for Noise Reduction in Color Images
Author(s): Coliban, RM (Coliban, Radu-Mihai); Ivanovici, M (Ivanovici, Mihai); Szekely, I (Szekely, Iuliu)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 870-877 **DOI:** 10.1016/j.protcy.2016.01.062 **Published:** 2016
Accession Number: WOS:000383949300122
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Conference Host: Univ Tirgu Mure, Fac Engn
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Title: Dual Band PIFA for WLAN and WiMAX MIMO Systems for Mobile Handsets
Author(s): El Halaoui, M (El Halaoui, Mustapha); Kaabal, A (Kaabal, Abdelmoumen); Asselman, H (Asselman, Hassan); Ahyoud, S (Ahyoud, Saida); Asselman, A (Asselman, Adel)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 878-883 **DOI:** 10.1016/j.protcy.2016.01.063 **Published:** 2016
Accession Number: WOS:000383949300123
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Title: Evaluation of Public Transport Trips Using Mobile Communications
Author(s): Gheorghiu, RA (Gheorghiu, Razvan Andrei); Surugiu, MC (Surugiu, Maria Claudia)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 884-888 **DOI:** 10.1016/j.protcy.2016.01.064 **Published:** 2016
Accession Number: WOS:000383949300124
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Title: A New Probabilistic Approach Based on Markov Process for Matching Problem
Author(s): Hati, K (Hati, Khalid); El Hajjaji, A (El Hajjaji, Abdellah)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 889-896 **DOI:** 10.1016/j.protcy.2016.01.065 **Published:** 2016
Accession Number: WOS:000383949300125
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 08-09, 2015
Conference Location: Univ Tirgu Mure, Fac Engn, Tirgu Mures, ROMANIA
Conference Host: Univ Tirgu Mure, Fac Engn
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Title: Embedded Implementation of a Real-Time Motion Estimation Method in Video Sequences
Author(s): Bako, L (Bako, Laszlo); Hajdu, S (Hajdu, Szabolcs); Brassai, ST (Brassai, Sandor-Tihamer); Morgan, F (Morgan, Fearghal); Enachescu, C (Enachescu, Calin)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 897-904 **DOI:** 10.1016/j.protcy.2016.01.066 **Published:** 2016
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Title: Hybrid Optimization Method for Design of Rail Passengers Safety and Comfort System

Author(s): Galuszka, A (Galuszka, Adam); Swierniak, A (Swierniak, Andrzej); Hejczyk, T (Hejczyk, Tomasz); Mlynczak, J (Mlynczak, Jakub)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Comparison of Boosted Gabor Feature based Local Descriptor

Author(s): Lefkovits, S (Lefkovits, Szidonia); Lefkovits, L (Lefkovits, Laszlo)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 913-921 **DOI:** 10.1016/j.protcy.2016.01.083 **Published:** 2016

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Title: Subtractive P-supermedian functions and P-absorbant sets on N

Author(s): Marginean, D (Marginean, Diana)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

22 **Pages:** 922-925 **DOI:** 10.1016/j.protcy.2016.01.085 **Published:** 2016

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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Title: The concept of a Distributed Repository for Validating X.509 Attribute Certificates in a Privilege Management Infrastructure

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

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: A Schur type inequality for five variables II

Author(s): Finta, B (Finta, Bela)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Remarkable Models of Potential Theory

Author(s): Marginean, D (Marginean, Diana)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Record 33 of 50

Title: Multiclass Classification Problem of Large-Scale Biomedical Meta Data

Author(s): Student, S (Student, Sebastian); Pieter, J (Pieter, Justyna); Fujarewicz, K (Fujarewicz, Krzysztof)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 938-945 **DOI:** 10.1016/j.protcy.2016.01.093 **Published:** 2016

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Title: Contact Angle Measurement on Medical Implant Titanium Based Biomaterials

Author(s): Strnad, G (Strnad, Gabriela); Chirila, N (Chirila, Nicolae); Petrovan, C (Petrovan, Cecilia); Russu, O (Russu, Octav)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 946-953 **DOI:** 10.1016/j.protcy.2016.01.094 **Published:** 2016

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Record 35 of 50

Title: The Business Process Management Map - an Effective Means for Managing the Enterprise Value Chain

Author(s): Fleaca, E (Fleaca, Elena); Fleaca, B (Fleaca, Bogdan)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 954-960 **DOI:** 10.1016/j.protcy.2016.01.096 **Published:** 2016

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Title: Research on Drivers' Perception on the Maintenance of Air Filters for Internal Combustion Engines

Author(s): Toma, M (Toma, Marius); Bobalca, C (Bobalca, Claudia)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 961-968 **DOI:** 10.1016/j.protcy.2016.01.097 **Published:** 2016

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Record 37 of 50

Title: Research on the Air Filters' Maintenance for Diesel Engines

Author(s): Toma, M (Toma, Marius); Fileru, I (Fileru, Iordan)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 969-975 **DOI:** 10.1016/j.protcy.2016.01.119 **Published:** 2016

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Title: The Importance of the Manufacturing Sector in the Romanian Economy

Author(s): Herman, E (Herman, Emilia)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 976-983 **DOI:** 10.1016/j.protcy.2016.01.121 **Published:** 2016

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Title: Fleet Management Cooperative Systems for Commercial Vehicles

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

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 984-990 **DOI:** 10.1016/j.protcy.2016.01.122 **Published:** 2016

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Record 40 of 50

Title: Options for Long Distance Passenger Land Transport Infrastructure Expansion. Analysis Regarding Network-based Sustainable Development

Author(s): Dinu, O (Dinu, Oana); Burciu, S (Burciu, Stefan)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 991-998 **DOI:** 10.1016/j.protcy.2016.01.124 **Published:** 2016

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Record 41 of 50

Title: The Importance of the Dimensions of the Innovation Management in Evaluating the Innovation Capability of the Firms in the Machine Building Industry in Romania

Author(s): Alexe, CG (Alexe, Catalin-George); Alexe, CM (Alexe, Catalina-Monica)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 999-1005 **DOI:** 10.1016/j.protcy.2016.01.127 **Published:** 2016

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Record 42 of 50

Title: A Virtual Prototyping System Research and Implementation in a Collaborative PLM Environment

Author(s): Moldovan, CC (Moldovan, Catalin Constantin); Staretu, I (Staretu, Ionel)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1006-1013 **DOI:** 10.1016/j.protcy.2016.01.130 **Published:** 2016

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Title: Improvement on Resolution of Dimensional Visual Measurements

Author(s): Khalili, K (Khalili, Khalil)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1014-1019 **DOI:** 10.1016/j.protcy.2016.01.132 **Published:** 2016

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Title: Defining Open Innovation Concept Using Business Process Modeling

Author(s): Banu, GS (Banu, Geanina Silvana); Dumitrescu, A (Dumitrescu, Andreea); Purcarea, AA (Purcarea, Anca Alexandra); Isarescu, SW (Isarescu, Silviu Walter)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1020-1027 **DOI:** 10.1016/j.protcy.2016.01.135 **Published:** 2016

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Title: Warehouse Threats and Loss Prevention Management in Case of Fire

Author(s): Balan, IL (Balan, Ioana Lorena); Cioca, LI (Cioca, Lucian-Ionel); Torretta, V (Torretta, Vincenzo); Talamona, L (Talamona, Luca)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1028-1034 **DOI:** 10.1016/j.protcy.2016.01.138 **Published:** 2016

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Conference Host: Univ Tirgu Mure, Fac Engr

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Title: Camera-Based Automatic System for Tool Measurements and Recognition

Author(s): Mikolajczyk, T (Mikolajczyk, Tadeusz); Klodowski, A (Klodowski, Adam); Mrozinski, A (Mrozinski, Adam)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: New Products Development Through Customized Design Based on Customers' Needs. Part 1: Footwear Comfort Parameters
Author(s): Deselnicu, DC (Deselnicu, Dana Corina); Vasilescu, AM (Vasilescu, Ana Maria); Mihai, A (Mihai, Aura); Purcarea, AA (Purcarea, Anca Alexandra); Militaru, G (Militaru, Gheorghe)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1043-1050 **DOI:** 10.1016/j.protecy.2016.01.148 **Published:** 2016
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Title: Forming Set and Verification of Relevance Criteria on Evaluation of Alternative Corridors of the Infrastructure Facilities
Author(s): Manic, N (Manic, Nazim); Hot, I (Hot, Izet); Serifi, V (Serifi, Veis)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1051-1058 **DOI:** 10.1016/j.protecy.2016.01.149 **Published:** 2016
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Title: New Products Development through Customized Design Based on Customers' Needs. Part 2: Foot Pathology Manufacturing Parameters
Author(s): Deselnicu, DC (Deselnicu, Dana Corina); Vasilescu, AM (Vasilescu, Ana Maria); Mihai, A (Mihai, Aura); Purcarea, AA (Purcarea, Anca Alexandra); Militaru, G (Militaru, Gheorghe)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1059-1065 **DOI:** 10.1016/j.protecy.2016.01.150 **Published:** 2016
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Title: Critical Factors that Lead to Projects' Success/Failure in Global Marketplace
Author(s): Taherdoost, H (Taherdoost, Hamed); Keshavarzsaleh, A (Keshavarzsaleh, Abolfazl)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1066-1075 **DOI:** 10.1016/j.protecy.2016.01.151 **Published:** 2016
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Record 1 of 18**Title:** Perusing of Organizational Culture Effects on E-Mail Communication**Author(s):** Madanchian, M (Madanchian, Mitra); Taherdoost, H (Taherdoost, Hamed)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1076-1083 **DOI:** 10.1016/j.protcy.2016.01.152 **Published:** 2016**Accession Number:** WOS:000383949300151**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 2 of 18**Title:** Study on Creating a Simplified Model of Quality Management System in a SME from the Central Region of Romania**Author(s):** Pop, LD (Pop, Liviu Dorin)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1084-1091 **DOI:** 10.1016/j.protcy.2016.01.153 **Published:** 2016**Accession Number:** WOS:000383949300152**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 3 of 18**Title:** Technological Development - a Tool for Social and Economic Impact of the Chamber of Commerce and Industry of Mures County**Author(s):** Giurgiu, AM (Giurgiu, Anca Mihaela); Manciu, I (Manciu, Ionela); Lese, I (Lese, Ioana)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1092-1099 **DOI:** 10.1016/j.protcy.2016.01.154 **Published:** 2016**Accession Number:** WOS:000383949300153**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 4 of 18**Title:** A Comparative Study of Rural Entrepreneurship Romania - Greece**Author(s):** Harpa, E (Harpa, Elena); Moca, S (Moca, Sorina); Rus, D (Rus, Dana)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1100-1105 **DOI:** 10.1016/j.protcy.2016.01.155 **Published:** 2016**Accession Number:** WOS:000383949300154**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 5 of 18**Title:** The relationship between cortisol and the hippocampal volume in depressed patients - a MRI pilot study**Author(s):** Moica, T (Moica, Theodor); Gligor, A (Gligor, Adrian); Moica, S (Moica, Sorina)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1106-1112 **DOI:** 10.1016/j.protcy.2016.01.156 **Published:** 2016**Accession Number:** WOS:000383949300155**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 6 of 18**Title:** Brain Research Using Computer Test**Author(s):** Mikolajczyk, T (Mikolajczyk, Tadeusz); Moldovan, F (Moldovan, Flaviu); Ciobanu, I (Ciobanu, Ileana); Chalupczak, A (Chalupczak, Agata); Marin, AG (Marin, Andreea Georgiana)**Edited by:** Moldovan L**Source:** 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1113-1120 **DOI:** 10.1016/j.protcy.2016.01.157 **Published:** 2016**Accession Number:** WOS:000383949300156**Conference Title:** 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 08-09, 2015**Conference Location:** Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA**Conference Host:** Univ Tirgu Mure, Fac Engr**ISSN:** 2212-0173

Record 7 of 18**Title:** The Challenges of Romanian Higher Education - A Review on the Key Enablers for Modernization**Author(s):** Fleaca, E (Fleaca, Elena); Marin, A (Marin, Alexandru); Fleaca, B (Fleaca, Bogdan)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Promoting Technological Entrepreneurship through Sustainable Engineering Education

Author(s): Cristina, MD (Cristina, Momete Daniela)

Edited by: Moldovan L

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Title: Study on Designing a Curriculum Suitable for MOOC Platforms Starting out the Romanian Students' Expectations

Author(s): Bucovetchi, O (Bucovetchi, Olga); Stanciu, RD (Stanciu, Radu D.); Simion, CP (Simion, Cristina Petronela)

Edited by: Moldovan L

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Title: New Media Literacy within the Context of Socio-Demographic Characteristics

Author(s): Arsenijevic, J (Arsenijevic, Jasmina); Andevski, M (Andevski, Milica)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Teachers' Roles in Relation to the Ownership Structure of a Faculty

Author(s): Arsenijevic, J (Arsenijevic, Jasmina); Maljkovic, M (Maljkovic, Milanka)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Bio and Micro-Electronics eLearning by online Collaborative Support

Author(s): Patrichi, B (Patrichi, Bogdan); Preliceanu, D (Preliceanu, Dan); Manuc, D (Manuc, Daniela); Ravariu, C (Ravariu, Cristian); Babarada, F (Babarada, Florin)

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Title: Functional Suitability Analysis of Remote Laboratories in Engineering Education

Author(s): German-Sallo, Z (German-Sallo, Zoltan); Grif, HS (Grif, Horatiu-Stefan); Gligor, A (Gligor, Adrian)

Edited by: Moldovan L

Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:**

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Title: Green Methodology for Learning Assessment
Author(s): Moldovan, L (Moldovan, Liviu); Moldovan, AM (Moldovan, Ana-Maria)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1176-1183 **DOI:** 10.1016/j.protcy.2016.01.165 **Published:** 2016
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Conference Location: Univ Tirgu Mure, Fac Engr, Tirgu Mures, ROMANIA
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Title: Training Outcome Evaluation Model
Author(s): Moldovan, L (Moldovan, Liviu)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1184-1190 **DOI:** 10.1016/j.protcy.2016.01.166 **Published:** 2016
Accession Number: WOS:000383949300165
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Record 16 of 18

Title: A Didactic Approach to Writing Skills in a Technical Learning Environment
Author(s): Rus, D (Rus, Dana)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1191-1196 **DOI:** 10.1016/j.protcy.2016.01.167 **Published:** 2016
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ISSN: 2212-0173

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Title: Screening and Phenotypic Diversity of Amylase Producing Rhizospheric Bacteria from Some North African Plants
Author(s): Choubane, S (Choubane, Slimane); Cheba, B (Cheba, Ben Amar); Benourrad, A (Benourrad, Amina)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1197-1204 **DOI:** 10.1016/j.protcy.2016.01.168 **Published:** 2016
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Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Title: Performances Evaluation of Surface Water Areas Extraction Techniques Using Landsat ETM plus Data: Case Study Aswan High Dam Lake (AHDL)
Author(s): Elshahabi, M (Elshahabi, Mohamed); Negm, A (Negm, Abdelazim); El Tahan, AHMH (El Tahan, Abdel Hamid M. H.)
Edited by: Moldovan L
Source: 9TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2015 **Book Series:** Procedia Technology **Volume:** 22 **Pages:** 1205-1212 **DOI:** 10.1016/j.protcy.2016.02.001 **Published:** 2016
Accession Number: WOS:000383949300168
Conference Title: 9th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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