

Record 1 of 151**Title:** Green Engineering Solutions at Propulsion of Passenger Cars**Author(s):** Blaga, C (Blaga, Csaba); Eckl, B (Eckl, Bence)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 4-11 **DOI:** 10.1016/j.proeng.2017.02.356 **Published:** 2017**Accession Number:** WOS:000404612700001**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 2 of 151****Title:** The Smart City Concept in the 21st Century**Author(s):** Eremia, M (Eremia, Mircea); Toma, L (Toma, Lucian); Sanduleac, M (Sanduleac, Mihai)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 12-19 **DOI:** 10.1016/j.proeng.2017.02.357 **Published:** 2017**Accession Number:** WOS:000404612700002**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Toma, Lucian	B-4120-2011	0000-0002-1281-2650
Eremia, Mircea	C-5102-2011	0000-0002-7872-2973

ISSN: 1877-7058**Record 3 of 151****Title:** Technological Problems regarding the Design and Execution of the new Bridge over Cibin River in the City of Sibiu and the Bridge Impact in Reducing Pollution in the City Center Area**Author(s):** Iliescu, M (Iliescu, Mihai); Gutiv, SI (Gutiv, Stefan I.); Moga, C (Moga, Catalin)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 20-27 **DOI:** 10.1016/j.proeng.2017.02.358 **Published:** 2017**Accession Number:** WOS:000404612700003**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 4 of 151****Title:** (T)he Assessment of the Probabilistic Burst of Honed Steel Pipes Based on Elastic Plastic Behavior**Author(s):** Domnica, SM (Domnica, Stanciu Mariana); Ioan, C (Ioan, Curtu); Matyas, S (Matyas, Szasz)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 28-35 **DOI:** 10.1016/j.proeng.2017.02.359 **Published:** 2017**Accession Number:** WOS:000404612700004**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 5 of 151****Title:** Classification of the Elderly Foot Types Based on Plantar Footprints**Author(s):** Costea, M (Costea, Mariana); Sarghie, B (Sarghie, Bogdan); Mihai, A (Mihai, Aura); Rezus, E (Rezus, Elena)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 36-43 **DOI:** 10.1016/j.proeng.2017.02.360 **Published:** 2017**Accession Number:** WOS:000404612700005**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 6 of 151****Title:** Sustainable Development and Green Growth: Study of Lafayette Central Park Proposed Master Plan, USA**Author(s):** ElDeeb, H (ElDeeb, Hazem)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 44-51 **DOI:** 10.1016/j.proeng.2017.02.361 **Published:** 2017**Accession Number:** WOS:000404612700006**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 7 of 151****Title:** Slope Stability of Railway Embankments**Author(s):** Ciotlaus, M (Ciotlaus, Madalina); Kollo, G (Kollo, Gavril); Moldovan, D (Moldovan, Dorin); Muntean, L (Muntean, Lavinia)**Edited by:** Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 52-59 **DOI:** 10.1016/j.proeng.2017.02.362 **Published:** 2017
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Title: Study on the Stability of a Road Fill Embankment
Author(s): Moldovan, DV (Moldovan, Dorin-Vasile); Nagy, AC (Nagy, Andor-Csongor); Muntean, LE (Muntean, Lavinia -Elena); Ciotlaus, M (Ciotlaus, Madalina)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 60-67 **DOI:** 10.1016/j.proeng.2017.02.363 **Published:** 2017
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Record 9 of 151

Title: Influence of the Maintenance Work and Support Conditions on the Optimization Process of Railway Concrete Sleepers
Author(s): Kollo, SA (Kollo, Szabolcs Attila); Puskas, A (Puskas, Attila); Kolla, G (Kolla, Gavril)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 68-75 **DOI:** 10.1016/j.proeng.2017.02.364 **Published:** 2017
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Record 10 of 151

Title: Assessment of Structural Foundation's Contribution to the Stability of a Site Susceptible to Sliding
Author(s): Tuns, I (Tuns, Ioan); Mantulescu, M (Mantulescu, Marius)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 76-83 **DOI:** 10.1016/j.proeng.2017.02.365 **Published:** 2017
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Record 11 of 151

Title: Comparative Multi-Criteria Risk Analysis Applied to both Conventional and Green Technologies
Author(s): Bucovetchi, O (Bucovetchi, Olga); Stanciu, RD (Stanciu, Radu D.); Pulfer, R (Pulfer, Roland)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 84-89 **DOI:** 10.1016/j.proeng.2017.02.366 **Published:** 2017
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Record 12 of 151

Title: Major Causal Factors Influencing Footwear Construction Parameters for Elderly People
Author(s): Deselnicu, DC (Deselnicu, Dana Corina); Pantazi, EM (Pantazi, Elena Mirela); Purcarea, AA (Purcarea, Anca Alexandra); Militaru, G (Militaru, Gheorghe)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 90-95 **DOI:** 10.1016/j.proeng.2017.02.371 **Published:** 2017
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Record 13 of 151

Title: Multi-Criteria Analysis of Biomechanical Parameters Used for Developing Innovative Products
Author(s): Corina, DD (Corina, Deselnicu Dana); Mirela, PE (Mirela, Pantazi Elena); Mariana, C (Mariana, Costea); Alexandra, PA (Alexandra, Purcarea Anca); Gheorghe, M (Gheorghe, Militaru)
Edited by: Moldovan L; Gligor A
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Record 14 of 151

Title: Life Cycle Assessment of Dredged Materials Placement Strategies: Case Study, Damietta Port, Egypt
Author(s): Sharaan, M (Sharaan, Mahmoud); Negm, A (Negm, Abdelazim)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 102-108 **DOI:** 10.1016/j.proeng.2017.02.375 **Published:** 2017
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Conference Date: OCT 06-07, 2016
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Record 15 of 151

Title: Study on the Optimization of Some Lime Based Mixing Binders' Characteristics
Author(s): Rujanu, M (Rujanu, Mircea); Diaconu, LI (Diaconu, Livia Ingrid); Babor, DT (Babor, Danut Traian); Groll, L (Groll, Liviu); Plian, D (Plian, Diana)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 109-115 **DOI:** 10.1016/j.proeng.2017.02.376 **Published:** 2017
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Conference Location: Tirgu Mures, ROMANIA
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Record 16 of 151

Title: Urban Mobility and Road User Behavior Assessment
Author(s): Cadar, RD (Cadar, Rodica Dorina); Boitor, RM (Boitor, Rozalia Melania); Petrelli, M (Petrelli, Marco)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 116-122 **DOI:** 10.1016/j.proeng.2017.02.378 **Published:** 2017
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Conference Location: Tirgu Mures, ROMANIA
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Record 17 of 151

Title: Environmental Impact of Road Transport Traffic. A Case Study for County of Iasi Road Network
Author(s): Condurat, M (Condurat, Mihaela); Nicuta, MM (Nicuta, Mina Mihaela); Andrei, R (Andrei, Radu)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 123-130 **DOI:** 10.1016/j.proeng.2017.02.379 **Published:** 2017
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Record 18 of 151

Title: Study on the Acoustic Rehabilitation of an Educational Building
Author(s): Munteanu, C (Munteanu, Constantin); Tamas-Gavrea, DR (Tamas-Gavrea, Daniela Roxana); Cobirzan, N (Cobirzan, Nicoleta); Aciu, C (Aciu, Claudiu); Fernea, R (Fernea, Raluca); Demeter, LD (Demeter, Luciana Denisa)
Edited by: Moldovan L; Gligor A
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Record 19 of 151

Title: Improving Traffic Conditions on a Set of Three Intersections Using Microscopic Simulation Models
Author(s): Clitan, AF (Clitan, Andrei -Florin); Dragomir, ML (Dragomir, Mihai-Liviu); Madalina, C (Madalina, Ciotlaus); Beca, IM (Beca, Ilinca-Mirela); Hoda, G (Hoda, Gavril)
Edited by: Moldovan L; Gligor A
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Record 20 of 151

Title: Kinetics Properties of Marine Chitinase from Novel Red Sea Strain of Bacillus
Author(s): Cheba, BA (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; Gligor A
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Conference Location: Tirgu Mures, ROMANIA
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Record 21 of 151

Title: Development of Helical Teeth Involute Gear Meshed with a Multi-Edge Cutting Tool Using a Mixed Gear Teeth Modeling Method
Author(s): Tolvaly-Rosca, F (Tolvaly-Rosca, Ferenc); Mate, M (Mate, Marton); Forgo, Z (Forgo, Zoltan); Kakucs, A (Kakucs, Andras)
Edited by: Moldovan L; Gligor A

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Record 22 of 151

Title: Fatigue Assessment and Behavior of a Shell Steel Element Welded Joint
Author(s): Radu, D (Radu, Dorin); Galatanu, TF (Galatanu, Teofil-Florin); Taus, D (Taus, Daniel)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 159-166 **DOI:** 10.1016/j.proeng.2017.02.423 **Published:** 2017
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Title: Determination of Tangency Point between the Cylindrical Sharp Stylus and a Helical Surface of the Cylindrical Worms
Author(s): Albu, SC (Albu, Sorin Cristian)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 167-174 **DOI:** 10.1016/j.proeng.2017.02.424 **Published:** 2017
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Title: Advanced Heliopol/Stratimat Composite Laminate Material Behavior under Cyclic Bending Loads
Author(s): Modrea, A (Modrea, Arina); Teodorescu-Draghicescu, H (Teodorescu-Draghicescu, Horatiu); Szava, J (Szava, Joan); Szava, R (Szava, Renata); Galfi, B (Galfi, Botond)
Edited by: Moldovan L; Gligor A
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Title: Comparative Anthropometric Study Regarding the Foot of Elderly Female Population
Author(s): Sarghie, B (Sarghie, Bogdan); Mihai, A (Mihai, Aura); Costea, M (Costea, Mariana); Rezus, E (Rezus, Elena)
Edited by: Moldovan L; Gligor A
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Title: The Wire Drawing Process Simulation and the Optimization of Geometry Dies
Author(s): Sas-Boca, IM (Sas-Boca, Ioana Monica); Tintelean, M (Tintelean, Marius); Pop, M (Pop, Mariana); Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Mihiu, AM (Mihiu, Adriana Maria)
Edited by: Moldovan L; Gligor A
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Record 27 of 151

Title: The Influence of the Dies Geometry on the Drawing Force for Steel Wires
Author(s): Tintelean, M (Tintelean, Marius); Sas-Boca, IM (Sas-Boca, Ioana Monica); Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana)
Edited by: Moldovan L; Gligor A
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Record 28 of 151

Title: Pneumatic Vehicle, Research and Design
Author(s): Simon, M (Simon, Mihai)
Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 200-205 **DOI:** 10.1016/j.proeng.2017.02.370 **Published:** 2017
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Record 29 of 151

Title: Theoretical Peculiarities Regarding the Definition and Representation of the Rolling Surfaces for Chain Transmission

Author(s): Bucur, C (Bucur, Constantin); Marton, M (Marton, Mate)

Edited by: Moldovan L; Gligor A

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Record 30 of 151

Title: Analysis and Optimum Kinematic Design of a Parallel Robot

Author(s): Hamdoun, O (Hamdoun, Ouafae); El Bakkali, L (El Bakkali, Larbi); Baghli, FZ (Zahra Baghli, Fatima)

Edited by: Moldovan L; Gligor A

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Title: Fabrication Methods of Compliant Mechanisms

Author(s): Lates, D (Lates, Daniel); Casvean, M (Casvean, Marius); Moica, S (Moica, Sorina)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 221-225 **DOI:** 10.1016/j.proeng.2017.02.377 **Published:** 2017

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Title: Influence of Hot-Dip Galvanizing of Reinforcement on the Kinetics and Thermodynamics of Corrosion Process in Concrete

Author(s): Hegyi, A (Hegyi, Andreea); Dico, C (Dico, Carmen); Constantinescu, H (Constantinescu, Horia); Baera, C (Baera, Cornelia)

Edited by: Moldovan L; Gligor A

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Record 33 of 151

Title: Material Consumption Reduction by using Steel Girders with Corrugated Webs

Author(s): Moga, C (Moga, Catalin); Gutiu, SI (Gutiu, Stefan I.); Danciu, AD (Danciu, Alexandra D.)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 234-241 **DOI:** 10.1016/j.proeng.2017.02.384 **Published:** 2017

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Title: Influence of Surface Preparation on Morphology of Self-organized Nanotubular Oxide Layers Developed on Ti6Al4V Alloy

Author(s): Strnad, G (Strnad, Gabriela); Jakab-Farkas, L (Jakab-Farkas, Laszlo); Petrovan, C (Petrovan, Cecilia); Russu, OM (Russu, Octav Marius)

Edited by: Moldovan L; Gligor A

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Title: A Finite Element Approach for Inter-Laminar Damage of the Carbon Fiber Reinforced Polymer due to Impact

Author(s): Stanciu, MD (Stanciu, Mariana Domnica); Curtu, J (Curtu, Joan); Savin, A (Savin, Adriana)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 249-256 **DOI:** 10.1016/j.proeng.2017.02.386 **Published:** 2017

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Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
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Title: Experimental Research in Flexural Behavior of Carbon Fiber Polymer Strengthened Beams
Author(s): Cazacu, C (Cazacu, Christiana); Galatanu, T (Galatanu, Teofil); Mizgan, P (Mizgan, Paraschiva); Muntean, R (Muntean, Radu); Tamas, F (Tamas, Florin)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 257-264 **DOI:** 10.1016/j.proeng.2017.02.387 **Published:** 2017
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Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
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Record 37 of 151

Title: Behavior of Steel Structures under Elevated Temperature
Author(s): Bactu, G (Bactu, Georgeta); Galatanu, TF (Galatanu, Teofil-Florin); Bactu, SA (Bactu, Sergiu-Andrei)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 265-272 **DOI:** 10.1016/j.proeng.2017.02.388 **Published:** 2017
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Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
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Title: Different Approach to Classic Structural Reinforcements Using Recycled Synthetic Materials
Author(s): Marusceac, V (Marusceac, Vladimir); Vlad, M (Vlad, Mihai)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 273-279 **DOI:** 10.1016/j.proeng.2017.02.389 **Published:** 2017
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Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 39 of 151

Title: Combined Effect of Fly Ash and Fibers on Properties of Cement Concrete
Author(s): Barbuta, M (Barbuta, Marinela); Bucur, R (Bucur, Roxana); Serbanoiu, AA (Serbanoiu, Adrian Alexandru); Scutarasu, S (Scutarasu, Sorin); Burlacu, A (Burlacu, Andrei)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 280-284 **DOI:** 10.1016/j.proeng.2017.02.390 **Published:** 2017
Accession Number: WOS:000404612700039
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 40 of 151

Title: Practical Applications of Dispersely Reinforced Concrete with Polypropylene Fibers: Beams
Author(s): Muntean, R (Muntean, Radu); Cazacu, C (Cazacu, Christiana); Mizgan, P (Mizgan, Paraschiva); Galatanu, T (Galatanu, Teofil); Tamas, F (Tamas, Florin)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 285-292 **DOI:** 10.1016/j.proeng.2017.02.391 **Published:** 2017
Accession Number: WOS:000404612700040
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
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Record 41 of 151

Title: Advanced RT300 Glass Fabric/Polylyte Composite Laminate Simulation
Author(s): Teodorescu-Draghicescu, H (Teodorescu-Draghicescu, Horatiu); Gheorghe, V (Gheorghe, Vasile); Munteanu, R (Munteanu, Renata); Szava, J (Szava, Ioan); Modrea, A (Modrea, Arina)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 293-299 **DOI:** 10.1016/j.proeng.2017.02.392 **Published:** 2017
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Record 42 of 151

Title: Autoclaved Cellular Concrete (ACC) Masonry with Vertical Hollows Confined with Disperse Reinforced Concrete
Author(s): Iernutan, RA (Iernutan, Razvan Andrei); Babota, F (Babota, Florin)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 300-307 **DOI:** 10.1016/j.proeng.2017.02.093 **Published:** 2017

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Conference Location: Tirgu Mures, ROMANIA
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Record 43 of 151

Title: Numerical Modeling of the Flax / Glass / Epoxy Hybrid Composite Materials in Bending
Author(s): Cerbu, C (Cerbu, Camelia); Botis, M (Botis, Marius)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 308-315 **DOI:** 10.1016/j.proeng.2017.02.394 **Published:** 2017
Accession Number: WOS:000404612700043
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 44 of 151

Title: The Effects of Hydrophobic Redispersible Powder Polymer in Portland Cement Based Mortars
Author(s): Jumate, E (Jumate, Elena); Manea, DL (Manea, Daniela Lucia); Moldovan, D (Moldovan, Dumitrita); Fechet, R (Fechet, Radu)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 316-323 **DOI:** 10.1016/j.proeng.2017.02.395 **Published:** 2017
Accession Number: WOS:000404612700044
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 45 of 151

Title: Research Regarding the Influence of Raw Material and Woven Fabric Geometry on the Air Permeability of Mattress
Author(s): Vlad, D (Vlad, Dorin); Cioca, LI (Cioca, Lucian-Ionel)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 324-329 **DOI:** 10.1016/j.proeng.2017.02.396 **Published:** 2017
Accession Number: WOS:000404612700045
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
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ISSN: 1877-7058

Record 46 of 151

Title: Research Regarding the Physical-Mechanical Properties of Knits for Garments - Abrasion Resistance
Author(s): Coldea, MM (Coldea, Mina Mihaela); Vlad, D (Vlad, Dorin)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 330-337 **DOI:** 10.1016/j.proeng.2017.02.397 **Published:** 2017
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Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 47 of 151

Title: Influence of Polypropylene Fibers upon the Mechanical Characteristics of Reinforced Composite Mortars
Author(s): Mustea, A (Mustea, Andrei); Manea, DL (Manea, Daniela Lucia)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 338-345 **DOI:** 10.1016/j.promm.2017.02.398 **Published:** 2017
Accession Number: WOS:000404612700047
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 48 of 151

Title: Effects of Tire Wastes on the Mechanical Properties of Concrete
Author(s): Barbuta, M (Barbuta, Marinela); Diaconu, D (Diaconu, Dan); Serbanoiu, AA (Serbanoiu, Adrian Alexandru); Burlacu, A (Burlacu, Andrei); Timu, A (Timu, Alexandru); Gradinaru, CM (Gradinaru, Catalina Mihaela)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 346-350 **DOI:** 10.1016/j.proeng.2017.02.399 **Published:** 2017
Accession Number: WOS:000404612700048
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
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ISSN: 1877-7058

Record 49 of 151

Title: New Plain 200 Epoxy Based Carbon Prepregs
Author(s): Modrea, A (Modrea, Anna); Szava, R (Szava, Renata); Niculita, C (Niculita, Camelia); Scutaru, ML (Scutaru, Maria Luminita)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 351-356 **DOI:** 10.1016/j.proeng.2017.02.400 **Published:** 2017
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Title: An Assessment of the Metallic Iron Content from Metallurgical Wastes - Essential Factor for Sustainable Development in the Steelmaking Industry

Author(s): Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Marza, CM (Marza, Carmen Maria); Domnita, FV (Domnita, Florin Vasile); Sas-Boca, IM (Sas-Boca, Ioana-Monica); Tintelecan, M (Tintelecan, Marius)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 357-362 **DOI:** 10.1016/j.proeng.2017.02.401 **Published:** 2017

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Record 51 of 151**Title:** Experimental Research on the Recyclability of the Clay Material used in the Fabrication of Adobe Bricks Type Masonry Units**Author(s):** Calatan, G (Calatan, Gabriela); Hegyi, A (Hegyi, Andreea); Dico, C (Dico, Carmen); Mircea, C (Mircea, Calm)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 363-369 **DOI:** 10.1016/j.proeng.2017.02.402 **Published:** 2017**Accession Number:** WOS:000404612700051**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 52 of 151****Title:** Life Cycle Assessment for Sidewalk Pavement Types, Case Study: Extension of New Borg El-Arab City**Author(s):** Elboshy, B (Elboshy, Bahaa); Negm, A (Negm, Abdelazim); Gamaleldin, M (Gamaleldin, Mona); Abdel-Fattan, S (Abdel-Fattan, Sommer)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 370-377 **Published:** 2017**Accession Number:** WOS:000404612700052**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 53 of 151****Title:** Municipal Solid Waste Incineration: Recovery or Disposal. Case Study of City Timisoara, Romania**Author(s):** Vaida, D (Vaida, Daniel); Lelea, D (Lelea, Dorin)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 378-384 **DOI:** 10.1016/j.proeng.2017.02.404 **Published:** 2017**Accession Number:** WOS:000404612700053**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 54 of 151****Title:** Optimization of a Technological Solution Used to Waterproofing Rehabilitation for Building Infrastructure**Author(s):** Tamas, FL (Tamas, Florin-Lucian); Mizgan, P (Mizgan, Paraschiva); Muntean, R (Muntean, Radu); Cazacu, C (Cazacu, Christiana); Galatanu, T (Galatanu, Teofil)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 385-390 **DOI:** 10.1016/j.proeng.2017.02.405 **Published:** 2017**Accession Number:** WOS:000404612700054**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 55 of 151****Title:** Clay - Ecological Natural Binder**Author(s):** Diaconu, LI (Diaconu, Livia Ingrid); Plian, D (Plian, Diana); Rujanu, M (Rujanu, Mircea); Groll, L (Groll, Liviu)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 391-395 **DOI:** 10.1016/j.proeng.2017.02.406 **Published:** 2017**Accession Number:** WOS:000404612700055**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 56 of 151****Title:** Choosing an Environmentally-Friendly Public Transportation System Using Multiple-Criteria Analysis. Case Study: Bistrita Nasaud, Romania**Author(s):** Ciotlaus, M (Ciotlaus, Madalina); Moldovan, D (Moldovan, Dorin); Clitan, A (Clitan, Andrei); Muntean, L (Muntean, Lavinia)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 396-403 **DOI:** 10.1016/j.proeng.2017.02.407 **Published:** 2017**Accession Number:** WOS:000404612700056**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 57 of 151****Title:** Sustainability of Water Bodies of Edku Lake, Northwest of Nile Delta, Egypt: RS/GIS Approach**Author(s):** Hossen, H (Hossen, Hickmat); Negm, A (Negm, Abdelazim)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 404-411 **DOI:** 10.1016/j.proeng.2017.02.408 **Published:** 2017**Accession Number:** WOS:000404612700057**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016

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Title: Assessment of Indoor Climate Environment Via Hygrothermal Simulation in Historical Churches

Author(s): Turcanu, FE (Turcanu, Florin-Emilian); Verdes, M (Verdes, Marina); Serbanoiu, I (Serbanoiu, Ion); Ciocan, V (Ciocan, Vasilica); Balan, MC (Balan, Marius-Costel)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 412-417 **DOI:** 10.1016/j.proeng.2017.02.409 **Published:** 2017

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Title: Assessment of Cost and Embodied Carbon for Masonry Structures Located in Low and High Seismic Zones

Author(s): Cohirzan, N (Cohirzan, Nicoleta); Voinea, M (Voinea, Mirela); Kopenetz, L (Kopenetz, Ludovic); Munteanu, C (Munteanu, Constantin); Balog, AA (Balog, Anca-Andreea); Tamas, F (Tamas, Florin)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 418-424 **DOI:** 10.1016/j.proeng.2017.02.410 **Published:** 2017

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Title: Critical Assessment of CO2 Emissions in an Inhabited Room on the Basis of the Stress Theory

Author(s): Cirstolovean, L (Cirstolovean, Lucian); Mizgan, P (Mizgan, Paraschiva); Calota, R (Calota, Razvan); Girip, M (Girip, Mina); Ilie, A (Ilie, Anica)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 425-432 **DOI:** 10.1016/j.proeng.2017.02.411 **Published:** 2017

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Record 61 of 151

Title: Artemisia annua L. Culture Technology in the Climatic Conditions in Transylvania

Author(s): Pop, JA (Pop, Joan Aurel); Oroian, J (Oroian, Joan); Lobontiu, I (Lobontiu, Iustina); Friss, Z (Friss, Zsuzsa)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 433-438 **DOI:** 10.1016/j.proeng.2017.02.412 **Published:** 2017

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Title: Research on the Chemical Characterization of the Oily Mill Scale for Natural Resources Conservation

Author(s): Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Aciu, C (Aciu, Claudiu); Pica, EM (Pica, Elena Maria); Sava, C (Sava, Cornel)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 439-443 **DOI:** 10.1016/j.proeng.2017.02.413 **Published:** 2017

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Record 63 of 151

Title: Comparative Study on Soil Stabilization with Polyethylene Waste Materials and Binders

Author(s): Ilies, NM (Ilies, Nicoleta-Maria); Circu, AP (Circu, Alexandru-Petru); Nagy, AC (Nagy, Andor-Csongor); Ciubotaru, VC (Ciubotaru, Vlad-Costel); Kisfaludi-Bak, Z (Kisfaludi-Bak, Zsombor)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 444-451 **DOI:** 10.1016/j.proeng.2017.02.414 **Published:** 2017

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Title: Raising Awareness on Waste Generation and Collection

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 452-458 **DOI:** 10.1016/j.proeng.2017.02.415 **Published:** 2017

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Record 65 of 151

Title: Transient State of Transformers Modelling and Study

Author(s): Agoston, K (Agoston, Katalin)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 459-465 **DOI:** 10.1016/j.proeng.2017.02.416 **Published:** 2017

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Title: Detection of Sugar Content in Citrus Fruits by Capacitance Method

Author(s): Bhosale, AA (Bhosale, Ajit A.)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 466-471 **DOI:** 10.1016/j.proeng.2017.02.417 **Published:** 2017

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Title: Evaluation of Experimental and Numerical Simulation of Triaxial Geogrid Reinforcement on the Strength of Road Structures

Author(s): Nagy, AC (Nagy, Andor-Csongor); Moldovan, DV (Moldovan, Dorin-Vasile); Ciotlaus, M (Ciotlaus, Madalina); Muntean, LE (Muntean, Lavinia-Elena)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 472-479 **DOI:** 10.1016/j.proeng.2017.02.418 **Published:** 2017

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Title: AI Technologies in Green Architecture Field: Statistical Comparative Analysis

Author(s): Elshafei, G (Elshafei, Ghada); Negm, A (Negm, Abdelazim)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 480-488 **DOI:** 10.1016/j.proeng.2017.02.419 **Published:** 2017

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Title: Analysis of the Possibility to Implement ZigBee Communications in Road Junctions

Author(s): Gheorghiu, RA (Gheorghiu, Razvan Andrei); Iordache, V (Iordache, Valentin)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 489-495 **DOI:** 10.1016/j.proeng.2017.02.420 **Published:** 2017

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Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 70 of 151

Title: A Novel Multiband Patch Antenna Array for Satellite Applications

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 496-502 **DOI:** 10.1016/j.proeng.2017.02.422 **Published:** 2017

Accession Number: WOS:000404612700070

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 71 of 151

Title: Simulation Based Human-Robot Co-working

Author(s): Suto, S (Suto, Szabolcs); Forgo, Z (Forgo, Zoltan); Tolvaly-Rosca, F (Tolvaly-Rosca, Ferenc)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 503-508 **DOI:** 10.1016/j.proeng.2017.02.425 **Published:** 2017

Accession Number: WOS:000404612700071

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 72 of 151**Title:** Computational Dynamics of the Rotational Heavy Loads Mastered by Hydrostatical Driving Systems**Author(s):** Curduman, L (Curduman, Laurentiu); Nastac, S (Nastac, Silviu); Debeleac, C (Debeleac, Carmen); Modiga, M (Modiga, Mircea)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 509-517 **DOI:** 10.1016/j.proeng.2017.02.427 **Published:** 2017**Accession Number:** WOS:000404612700072**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 73 of 151**Title:** On Path Oscillations Analysis of Mechanical Multi-body and Hydrostatical Driving Units Coupled System**Author(s):** Curduman, L (Curduman, Laurentiu); Debeleac, C (Debeleac, Carmen); Nastac, S (Nastac, Silviu)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 518-525 **DOI:** 10.1016/j.proeng.2017.02.428 **Published:** 2017**Accession Number:** WOS:000404612700073**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 74 of 151**Title:** Design and Analysis of Different Shapes for Unit-Cell Reflectarray Antenna**Author(s):** Finich, S (Finich, Sanaa); Touhami, NA (Touhami, Naima Amar); Farkhsi, A (Farkhsi, Abdelkrim)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 526-530 **DOI:** 10.1016/j.proeng.2017.02.429 **Published:** 2017**Accession Number:** WOS:000404612700074**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 75 of 151**Title:** Investigation on Selection of Optimal Mother Wavelet in Mode Shape based Damage Detection Exercise**Author(s):** Jaiswar, NG (Jaiswal, Naresh G.); Pande, DW (Pande, Deepak W.)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 531-537 **DOI:** 10.1016/j.proeng.2017.02.430 **Published:** 2017**Accession Number:** WOS:000404612700075**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 76 of 151**Title:** Fractional Order Controllers versus Integer Order Controllers**Author(s):** Dulau, M (Dulau, Mircea); Gligor, A (Gligor, Adrian); Dulau, TM (Dulau, Tudor-Mircea)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 538-545 **DOI:** 10.1016/j.proeng.2017.02.431 **Published:** 2017**Accession Number:** WOS:000404612700076**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 77 of 151**Title:** Web-based Wireless Sensor System for SCADA Environment**Author(s):** Ture, T (Ture, Traian); Gligor, A (Gligor, Adrian); Dumitru, CD (Dumitru, Cristian-Dragos)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 546-551 **DOI:** 10.1016/j.proeng.2017.02.432 **Published:** 2017**Accession Number:** WOS:000404612700077**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 78 of 151**Title:** Analysis of a RBF Neural Network Based Controller for Pitch Angle of Variable-Speed Wind Turbines**Author(s):** El Mjabber, E (El Mjabber, El Kabira); El Hajjaji, A (El Hajjaji, Abdellah); Khamlichi, A (Khamlichi, Abdellatif)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 552-559 **DOI:** 10.1016/j.proeng.2017.02.433 **Published:** 2017**Accession Number:** WOS:000404612700078**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 79 of 151

Title: Optimization of Arm Manipulator Trajectory Planning in The Presence of Obstacles by Ant Colony Algorithm

Author(s): Baghli, FZ (Baghli, Fatima Zahra); El Bakkali, L (El Bakkali, Larbi); Lakhal, Y (Lakhal, Yassine)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 560-567 **DOI:** 10.1016/j.proeng.2017.02.434 **Published:** 2017

Accession Number: WOS:000404612700079

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 80 of 151

Title: New Trends in Energy Efficient Electrical Machines

Author(s): Gavrilă, H (Gavrilă, Horia); Manescu, V (Manescu (Paltanea), Veronica); Paltanea, G (Paltanea, Gheorghe); Scutaru, G (Scutaru, Gheorghe); Peter, J (Peter, Joan)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 568-574 **DOI:** 10.1016/j.proeng.2017.02.435 **Published:** 2017

Accession Number: WOS:000404612700080

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 81 of 151

Title: An Anthropomorphic Hand with Five Fingers Controlled by a Motion Leap Device

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 575-582 **DOI:** 10.1016/j.proeng.2017.02.436 **Published:** 2017

Accession Number: WOS:000404612700081

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 82 of 151

Title: Multiscale Analysing Methods in Electrocardiogram Signal Processing and Interpretation

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 583-587 **DOI:** 10.1016/j.proeng.2017.02.437 **Published:** 2017

Accession Number: WOS:000404612700082

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 83 of 151

Title: Monitoring and Control Platform for Homes Based on FPGA, SoC and Web Technologies

Author(s): Rusu, OV (Rusu, Oana-Valentina); Duka, AV (Duka, Adrian-Vasile)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 588-595 **DOI:** 10.1016/j.proeng.2017.02.438 **Published:** 2017

Accession Number: WOS:000404612700083

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

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Record 84 of 151

Title: PEMFC Two-Dimensional Modelling of Reactant Species Transport Through Membrane - GDL System

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 596-603 **DOI:** 10.1016/j.proeng.2017.02.439 **Published:** 2017

Accession Number: WOS:000404612700084

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 85 of 151

Title: Generalization of String Transformation Rules using Optimized Concept Lattice Construction Method

Author(s): Kovacs, L (Kovacs, Laszlo); Gabor, S (Gabor, Szabo)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 604-611 **DOI:** 10.1016/j.proeng.2017.02.440 **Published:** 2017

Accession Number: WOS:000404612700085

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

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Record 86 of 151

Title: Algorithm for Determining the Optic Fiber Blowing Distance in Telecommunications Underground Networks

Author(s): Grigoriu, M (Grigoriu, Mircea); Popescu, MC (Popescu, Marius Constantin); Bica, RD (Bica, Romeo Dorm)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 612-619 **DOI:** 10.1016/j.proeng.2017.02.441 **Published:** 2017

Accession Number: WOS:000404612700086

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

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Record 87 of 151

Title: Unified Formal Model for Synchronous and Self-Synchronizing Stream Ciphers

Author(s): Crainicu, B (Crainicu, Bogdan)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 620-625 **DOI:** 10.1016/j.proeng.2017.02.442 **Published:** 2017

Accession Number: WOS:000404612700087

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 88 of 151

Title: Robust Control of a Multivariable System

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 626-633 **DOI:** 10.1016/j.proeng.2017.02.443 **Published:** 2017

Accession Number: WOS:000404612700088

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 89 of 151

Title: Comparative Study between the Improved Implementation of 3 Classic Mutation Operators for Genetic Algorithms

Author(s): Cazacu, R (Cazacu, Razvan)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 634-640 **DOI:** 10.1016/j.proeng.2017.02.444 **Published:** 2017

Accession Number: WOS:000404612700089

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 90 of 151

Title: Case Study Regarding the Conversion Efficiency of Small Horizontal Axis Turbines

Author(s): Marza, CM (Marza, Carmen Maria); Corsiuc, GD (Corsiuc, Georgiana Dorina); Ilutiu-Varvara, DA (Ilutiu-Varvara, Dana-Adriana); Ceuca, E (Ceuca, Emilian)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 641-648 **DOI:** 10.1016/j.proeng.2017.02.445 **Published:** 2017

Accession Number: WOS:000404612700090

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 91 of 151

Title: Experimental Aspects of the Hydrogen Use at Diesel Engine

Author(s): Pana, C (Pana, Constantin); Negurescu, N (Negurescu, Niculae); Cernat, A (Cernat, Alexandru); Nutu, C (Nutu, Cristian); Mirica, I (Mirica, Ionel); Fuiiorescu, D (Fuiiorescu, Dinu)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 649-657 **DOI:** 10.1016/j.proeng.2017.02.446 **Published:** 2017

Accession Number: WOS:000404612700091

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

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Title: CFD Heat Transfer Analysis for Heat Pipes Integration into Buildings with Glazed Facades

Author(s): Burlacu, A (Burlacu, Andrei); Lazarescu, CD (Lazarescu, Constantin Doru); Ciocan, V (Ciocan, Vasilica); Verdes, M (Verdes, Marina); Balan, MC (Balan, Marius Costel); Serbanoiu, AA (Serbanoiu, Adrian Alexandru)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 658-665 **DOI:** 10.1016/j.proeng.2017.02.447 **Published:** 2017

Accession Number: WOS:000404612700092

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

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Record 93 of 151

Title: Innovative Method for Improving Energy Performance of Buildings with Glazed Facades

Author(s): Burlacu, A (Burlacu, Andrei); Lazarescu, CD (Lazarescu, Constantin Doru); Verdes, M (Verdes, Marina); Ciocan, V (Ciocan, Vasilica); Barbuta, M (Barbuta,

Marinela); Balan, MC (Balan, Marius Costel)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 666-673 **DOI:** 10.1016/j.proeng.2017.02.448 **Published:** 2017

Accession Number: WOS:000404612700093

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

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Title: Organic Thermal Insulation Based on Wheat Straw

Author(s): Miron, IO (Miron, Ioan Olimpiu); Manea, DL (Manea, Daniela Lucia); Cantor, DM (Cantor (Andres), Dana Maria); Aciu, C (Aciu, Claudiu)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 674-681 **DOI:** 10.1016/j.proeng.2017.02.449 **Published:** 2017

Accession Number: WOS:000404612700094

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 95 of 151

Title: The Influence of Thermal Bridges in the Process of Buildings Thermal Rehabilitation

Author(s): Dumitrescu, L (Dumitrescu, Laura); Baran, I (Baran, Irina); Pescaru, RA (Pescaru, Radu Aurel)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 682-689 **DOI:** 10.1016/j.proeng.2017.02.450 **Published:** 2017

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Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 96 of 151

Title: Development of an Algorithm for Identification and Confirmation of Fault in Thermal Power Plant Equipment Using Condition Monitoring Technique

Author(s): Jagtap, HP (Jagtap, Hanumant. P.); Bewoor, AK (Bewoor, Anand K.)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 690-697 **DOI:** 10.1016/j.proeng.2017.02.451 **Published:** 2017

Accession Number: WOS:000404612700096

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 97 of 151

Title: Straw Energy saving Solution: Power Plant based on a hot Air Turbine

Author(s): Balanescu, DT (Balanescu, Dan-Teodor); Homutescu, VM (Homutescu, Vlad-Mario)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 698-705 **DOI:** 10.1016/j.proeng.2017.02.452 **Published:** 2017

Accession Number: WOS:000404612700097

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 98 of 151

Title: Experimental Study on the Combustion System Optimization in the Case of a 36 kW Condensing Boiler

Author(s): Balanescu, DT (Balanescu, Dan-Teodor); Homutescu, VM (Homutescu, Vlad-Mario)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 706-711 **DOI:** 10.1016/j.proeng.2017.02.453 **Published:** 2017

Accession Number: WOS:000404612700098

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 99 of 151

Title: Alternative Solution for Thermal Rehabilitation of Buildings with Polystyrene Panels

Author(s): Bojan, AC (Bojan, Adrian-Cosmin); Popa, AG (Popa, Anca-Gabriela); Puskas, A (Puskas, Attila)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 712-717 **DOI:** 10.1016/j.proeng.2017.02.454 **Published:** 2017

Accession Number: WOS:000404612700099

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 100 of 151

Title: The Influence of Magnetic Field on Low Pressure Injection of Oxyhydrogen in Turbocharged Compression Ignition Engines

Author(s): Barna, L (Barna, Levente); Lelea, D (Lelea, Dorin)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 718-724 **DOI:** 10.1016/j.proeng.2017.02.456 **Published:** 2017
Accession Number: WOS:000404612700100
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
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Record 101 of 151**Title:** Alternative Energy Driven Pneumatic Vehicle**Author(s):** Simon, M (Simon, Mihai)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 725-730 **DOI:** 10.1016/j.proeng.2017.02.455 **Published:** 2017**Accession Number:** WOS:000404612700101**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 102 of 151****Title:** Voltage Level Increase in Low Voltage Networks through Reactive Power Compensation Using Capacitors**Author(s):** Moldovan, C (Moldovan, Catalin); Damian, C (Damian, Claudiu); Georgescu, O (Georgescu, Ovidiu)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 731-737 **DOI:** 10.1016/j.proeng.2017.02.459 **Published:** 2017**Accession Number:** WOS:000404612700102**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 103 of 151****Title:** Hybrid Absorption Heat Pump System using Renewable Energy**Author(s):** Calota, R (Calota, Razvan); Girip, A (Girip, Alina); Ilie, A (Ilie, Anica); Cirstolovean, L (Cirstolovean, Lucian)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 738-745 **DOI:** 10.1016/j.proeng.2017.02.460 **Published:** 2017**Accession Number:** WOS:000404612700103**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 104 of 151****Title:** Microcontroller Based Prototype for Reactive Power Compensation in Local Distribution Networks**Author(s):** Gligor, A (Gligor, Adrian); Dumitru, CD (Dumitru, Cristian-Dragos); Ronay, K (Ronay, Karoly); Muntean, R (Muntean, Raul)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 746-753 **DOI:** 10.1016/j.proeng.2017.02.461 **Published:** 2017**Accession Number:** WOS:000404612700104**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 105 of 151****Title:** Comparative Thermo-Energetic Analysis of the District Heating Systems that Harness Renewable Energy Sources**Author(s):** Soimosan, TM (Soimosan, Teodora-Melania); Felseghi, RA (Felseghi, Raluca-Andreea)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 754-761 **DOI:** 10.1016/j.proeng.2017.02.462 **Published:** 2017**Accession Number:** WOS:000404612700105**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 106 of 151****Title:** Study on the Influence of Solar Contributions on the Total Energy Consumption for an Education Building**Author(s):** Mizgan, P (Mizgan, Paraschiva); Cirstolovean, JL (Cirstolovean, Joan Lucian); Tamas, FL (Tamas, Florin -Lucian); Muntean, R (Muntean, Radu); Cazacu, C (Cazacu, Christiana)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 762-769 **DOI:** 10.1016/j.proeng.2017.02.463 **Published:** 2017**Accession Number:** WOS:000404612700106**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 107 of 151****Title:** Analysis of Obstacle and Soil Roughness Effects on the Wind Speed Profile by Using the Finite Element Method**Author(s):** Narjisse, A (Narjisse, Amahjour); Abdellatif, K (Abdellatif, Khamlichi)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 770-776 **DOI:** 10.1016/j.proeng.2017.02.464 **Published:** 2017**Accession Number:** WOS:000404612700107**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 108 of 151

Title: Impact of Using Alternative Fuels on Cement Rotary Kilns: Experimental Study and Modeling

Author(s): Ngadi, Z (Ngadi, Zakia); Lahlaoui, ML (Lahlaoui, Mohamed Lhassan)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 777-784 **DOI:** 10.1016/j.proeng.2017.02.465 **Published:** 2017

Accession Number: WOS:000404612700108

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 109 of 151

Title: Power Flow Analysis with Loads Profiles

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 785-790 **DOI:** 10.1016/j.proeng.2017.02.466 **Published:** 2017

Accession Number: WOS:000404612700109

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 110 of 151

Title: Influence of Distributed Generators on Power Systems

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 791-795 **DOI:** 10.1016/j.proeng.2017.02.467 **Published:** 2017

Accession Number: WOS:000404612700110

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 111 of 151

Title: Considerations on the Green Certificate Support Dystem for Electricity Production from Renewable Energy Sources

Author(s): Atanasoae, P (Atanasoae, Pavel); Pentiu, R (Pentiu, Radu)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 796-803 **DOI:** 10.1016/j.proeng.2017.02.469 **Published:** 2017

Accession Number: WOS:000404612700111

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 112 of 151

Title: The Influence of Alternative Regeneration on the Performance of Gas Turbine Cogeneration Plants

Author(s): Dragomir-Stanciu, D (Dragomir-Stanciu, Daniel)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 804-809 **DOI:** 10.1016/j.proeng.2017.02.470 **Published:** 2017

Accession Number: WOS:000404612700112

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 113 of 151

Title: Comparative Performance Investigation between Photovoltaic Systems from two different Cities

Author(s): Attari, K (Attari, Kamal); El Yaakoubi, A (El Yaakoubi, Ali); Asselman, A (Asselman, Adel)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 810-817 **Published:** 2017

Accession Number: WOS:000404612700113

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 114 of 151

Title: Micro-Grid Development Using Artificial Neural Network for Renewable Energy Forecast and System Control

Author(s): Ronay, K (Ronay, Karoly); Bica, D (Bica, Dorin); Munteanu, C (Munteanu, Calin)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

181 **Pages:** 818-823 **DOI:** 10.1016/j.proeng.2017.02.472 **Published:** 2017

Accession Number: WOS:000404612700114

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 115 of 151**Title:** Energy-efficient Street Lighting Using a Mitsubishi Alpha 2 PLC Based Solution**Author(s):** Pasc, PC (Pasc, Petru-Claudiu); Dumitru, CD (Dumitru, Cristian-Dragos)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 824-828 **DOI:** 10.1016/j.proeng.2017.02.473 **Published:** 2017**Accession Number:** WOS:000404612700115**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 116 of 151****Title:** Daily Average Wind Energy Forecasting using Artificial Neural Networks**Author(s):** Dumitru, CD (Dumitru, Cristian-Dragos); Gligor, A (Gligor, Adrian)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 829-836 **DOI:** 10.1016/j.proeng.2017.02.474 **Published:** 2017**Accession Number:** WOS:000404612700116**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 117 of 151****Title:** A Data Mining System for Real Time Soil Moisture Prediction**Author(s):** Matei, O (Matei, Oliviu); Rusu, T (Rusu, Teodor); Petrovan, A (Petrovan, Adrian); Mihut, G (Mihut, Gabriel)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 837-844 **DOI:** 10.1016/j.proeng.2017.02.475 **Published:** 2017**Accession Number:** WOS:000404612700117**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 118 of 151****Title:** Building 3D Profile for Lake Nubia, <Sudan> Using RS/GIS for Accurate Estimation of Sediment**Author(s):** Elshahabi, M (Elshahabi, Mohamed); Negm, A (Negm, Abdelazim)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 845-852 **DOI:** 10.1016/j.proeng.2017.02.476 **Published:** 2017**Accession Number:** WOS:000404612700118**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**ISSN:** 1877-7058**Record 119 of 151****Title:** Environmental Optimization of Urban Travel Using Mobile Devices Detection**Author(s):** Surugiu, MC (Surugiu, Maria Claudia); Gheorghiu, RA (Gheorghiu, Razvan Andrei); Barna, OV (Barna, Oana Vasilica)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 853-860 **DOI:** 10.1016/j.proeng.2017.02.477 **Published:** 2017**Accession Number:** WOS:000404612700119**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
SURUGIU, Maria Claudia	O-6857-2015	0000-0001-7555-2836

ISSN: 1877-7058**Record 120 of 151****Title:** Fleet Management System for Truck Platoons - Generating an Optimum Route in Terms of Fuel Consumption**Author(s):** Stancel, IN (Stancel, Ion Nicolae); Surugiu, MC (Surugiu, Maria Claudia)**Edited by:** Moldovan L; Gligor A**Source:** 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 861-867 **DOI:** 10.1016/j.proeng.2017.02.478 **Published:** 2017**Accession Number:** WOS:000404612700120**Conference Title:** 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)**Conference Date:** OCT 06-07, 2016**Conference Location:** Tirgu Mures, ROMANIA**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
SURUGIU, Maria Claudia	O-6857-2015	0000-0001-7555-2836

ISSN: 1877-7058**Record 121 of 151****Title:** Employing a Traffic Data Processing Software to Efficiently Design Road Pavements**Author(s):** Ciont, N (Ciont, Nicolae); Iliescu, M (Iliescu, Mihai); Cadar, RD (Cadar, Rodica Dorina)**Edited by:** Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 868-875 **DOI:** 10.1016/j.proeng.2017.02.479 **Published:** 2017
Accession Number: WOS:000404612700121
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 122 of 151

Title: Low Computational complexity PTS Scheme for PAPR reduction of MIMO-OFDM Systems
Author(s): Lahcen, A (Lahcen, Amhaimar); Saida, A (Saida, Ahyoud); Adel, A (Adel, Asselman)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 876-883 **DOI:** 10.1016/j.proeng.2017.02.480 **Published:** 2017
Accession Number: WOS:000404612700122
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 123 of 151

Title: Design of Ring-circle Micro strip Band Pass Filter with Wide Stop-Band Characteristics for WLAN Application
Author(s): Azizi, S (Azizi, Sanae); Ahyoud, S (Ahyoud, Saida); Asselman, A (Asselman, Adel); Ennasar, S (Ennasar, Samya)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 884-891 **DOI:** 10.1016/j.proeng.2017.02.481 **Published:** 2017
Accession Number: WOS:000404612700123
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 124 of 151

Title: Gabor Feature Selection Based on Information Gain
Author(s): Lefkocovits, S (Lefkocovits, Sziclonia); Lefkocovits, L (Lefkocovits, Laszlo)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 892-898 **DOI:** 10.1016/j.proeng.2017.02.482 **Published:** 2017
Accession Number: WOS:000404612700124
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 125 of 151

Title: A Schur Type Inequality For Six Variables II
Author(s): Finta, B (Finta, Bela)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 899-902 **DOI:** 10.1016/j.proeng.2017.02.483 **Published:** 2017
Accession Number: WOS:000404612700125
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 126 of 151

Title: Symmetry of non-Archimedean absolute Values
Author(s): Visan, C (Visan, Catalina)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 903-906 **DOI:** 10.1016/j.proeng.2017.02.484 **Published:** 2017
Accession Number: WOS:000404612700126
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 127 of 151

Title: Valuation Leveling on Rational Function Fields
Author(s): Visan, C (Visan, Catalina)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 907-911 **DOI:** 10.1016/j.proeng.2017.02.485 **Published:** 2017
Accession Number: WOS:000404612700127
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 128 of 151

Title: Performance Assessment of ANN in Estimating Remotely Sensed Extracted Bathymetry. Case Study: Eastern Harbor of Alexandria
Author(s): Makboul, O (Makboul, Omar); Negm, A (Negm, Abdelazim); Mesbah, S (Mesbah, Saleh); Mohasseb, M (Mohasseb, Mohamed)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 912-919 **DOI:** 10.1016/j.proeng.2017.02.486 **Published:** 2017

Accession Number: WOS:000404612700128
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 129 of 151

Title: Asymptotic Convergence Algorithms
Author(s): Petrovai, DM (Petrovai, Diana Marginean)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 920-923 **DOI:** 10.1016/j.proeng.2017.02.487 **Published:** 2017
Accession Number: WOS:000404612700129
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 130 of 151

Title: The Global Convergence of the Algorithms Described by Multifunctions
Author(s): Petrovai, DM (Petrovai, Diana Marginean)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 924-927 **Article Number:** UNSP 488 **DOI:** 10.1016/j.proeng.2017.02.488 **Published:** 2017
Accession Number: WOS:000404612700130
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 131 of 151

Title: Improving the Enterprise's Competitiveness by Applying the Functional Analysis Technique
Author(s): Fleaca, B (Fleaca, Bogdan); Fleaca, E (Fleaca, Elena); Maiduc, S (Maiduc, Sanda)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 928-934 **DOI:** 10.1016/j.proeng.2017.02.489 **Published:** 2017
Accession Number: WOS:000404612700131
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 132 of 151

Title: Modeling Stakeholders Relationships to Strengthen the Entrepreneurial Behavior of Higher Education Institutions
Author(s): Fleaca, E (Fleaca, Elena); Fleaca, B (Fleaca, Bogdan); Maiduc, S (Maiduc, Sanda)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 935-942 **DOI:** 10.1016/j.proeng.2017.02.490 **Published:** 2017
Accession Number: WOS:000404612700132
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 133 of 151

Title: Human Capital Practices Drive Innovation in Romania
Author(s): Alexe, CM (Alexe, Catalina -Monica); Alexe, GG (Alexe, Gadlin-George)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 943-950 **DOI:** 10.1016/j.proeng.2017.02.491 **Published:** 2017
Accession Number: WOS:000404612700133
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 134 of 151

Title: Particularities of the Technologies Portfolio Management in Industries Representative for Romania
Author(s): Alexe, CG (Alexe, Catalin-George); Alexe, CM (Alexe, Catalina -Monica)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 951-958 **DOI:** 10.1016/j.proeng.2017.02.492 **Published:** 2017
Accession Number: WOS:000404612700134
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)
Conference Date: OCT 06-07, 2016
Conference Location: Tirgu Mures, ROMANIA
ISSN: 1877-7058

Record 135 of 151

Title: BUPM-02: Application for Managing the Annual Budget of an Institution
Author(s): Mocian, I (Mocian, Ioan)
Edited by: Moldovan L; Gligor A
Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 959-964 **DOI:** 10.1016/j.proeng.2017.02.493 **Published:** 2017
Accession Number: WOS:000404612700135
Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 136 of 151

Title: Macroeconomic Analysis of the Competitive Factors which Influence Innovation in Rural Entrepreneurship

Author(s): Harpa, E (Harpa, Elena)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 965-968 **DOI:** 10.1016/j.proeng.2017.02.494 **Published:** 2017

Accession Number: WOS:000404612700136

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

Conference Date: OCT 06-07, 2016

Conference Location: Tirgu Mures, ROMANIA

ISSN: 1877-7058

Record 137 of 151

Title: Analysis Regarding the Impact of Accessing Structural Funds for RDI Projects as a Mean Tool for Sustaining and Fostering the Innovation Activities

Author(s): Tanase, NM (Tanase, Narcisa Melania); Caramihai, M (Caramihai (Guda), Mihaela); Purcarea, AA (Purcarea, Anca Alexandra)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 969-976 **DOI:** 10.1016/j.proeng.2017.02.495 **Published:** 2017

Accession Number: WOS:000404612700137

Conference Title: 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG)

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Title: Factors Influencing Social Networks Use for Business: Twitter and YouTube Analysis

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 977-983 **DOI:** 10.1016/j.proeng.2017.02.496 **Published:** 2017

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Title: Proposals for Improving Innovation and Technology Transfer Policies in Romania

Author(s): Caramihai, MC (Caramihai (Guda), Mihaela); Tanase, NM (Tanase, Narcisa Melania); Purcarea, AA (Purcarea, Anca Alexandra)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 984-990 **DOI:** 10.1016/j.proeng.2017.02.497 **Published:** 2017

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Record 140 of 151

Title: Characterization of Defects in Termite Welds Rails by Ultrasound Method

Author(s): Bouazaoui, O (Bouazaoui, Oussama); Chouaf, A (Chouaf, Abdelkrim)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 991-998 **DOI:** 10.1016/j.proeng.2017.02.498 **Published:** 2017

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Title: Modern Technologies Innovation In Use For Quality Control On Construction Site

Author(s): Iliescu, M (Iliescu, Mihai); Ciocan, R (Ciocan, Remus)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 999-1004 **DOI:** 10.1016/j.proeng.2017.02.499 **Published:** 2017

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Title: Multicriterial Analysis of Several Acoustic Absorption Building Materials Based on Hemp

Author(s): Fernea, R (Fernea, Raluca); Tamas-Gavrea, DR (Tamas-Gavrea, Daniela Roxana); Manea, DL (Manea, Daniela Lucia); Rosca, JC (Rosca, Joan Cahn); Aciu, C (Aciu, Claudiu); Munteanu, C (Munteanu, Constantin)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 1005-1012 **DOI:** 10.1016/j.proeng.2017.02.500 **Published:** 2017

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Title: Case Study Concerning Effects of Japanese Management Model Application in Romania

Author(s): Veres, C (Veres, Cristina); Marian, L (Marian, Liviu); Moica, S (Moica, Sorina)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Record 144 of 151

Title: Optimizing Production Costs with the Correct Setting of the Paint Thickness Parameters

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Record 145 of 151

Title: Computer Aided Learning Process

Author(s): Mikolajczyk, T (Mikolajczyk, Tadeusz); Moldovan, L (Moldovan, Liviu); Chalupczak, A (Chalupczak, Agata); Moldovan, F (Moldovan, Flaviu)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Record 146 of 151

Title: Measuring System Optimization to Increase Productivity

Author(s): Pop, LD (Pop, Liviu Dorin); Elod, N (Elod, Nagy)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Record 147 of 151

Title: Leadership Effectiveness Measurement and Its Effect on Organization Outcomes

Author(s): Madanchian, M (Madanchian, Mitra); Hussein, N (Hussein, Norashikin); Noordin, F (Noordin, Fauziah); Taherdoost, H (Taherdoost, Hamed)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Record 148 of 151

Title: Appraising the Smart Card Technology Adoption; Case of Application in University Environment

Author(s): Taherdoost, H (Taherdoost, Hamed)

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Record 149 of 151

Title: An Evaluation Model for Functionality Analysis of Remote Laboratories and Simulations in Engineering Education

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:**

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Title: Framework Development for European Quality Assurance in VET Towards Environmentally Sustainable Economy

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 1064-1071 **DOI:** 10.1016/j.proeng.2017.02.508 **Published:** 2017

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Title: Practical Implementation of a Framework for European Quality Assurance in VET towards Environmentally Sustainable Economy

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

Edited by: Moldovan L; Gligor A

Source: 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016 **Book Series:** Procedia Engineering **Volume:** 181 **Pages:** 1072-1079 **DOI:** 10.1016/j.proeng.2017.02.509 **Published:** 2017

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