



## Lucian PISLARU-DANESCU

<https://www.webofscience.com/wos/author/rid/B-2894-2013>

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Lucian PÎSLARU-DĂNESCU was born in Timisoara, Romania, on March 14th, 1960. He graduated at 1985 and he received PhD degree in electrical engineering from University POLITEHNICA of Bucharest, Romania, in 2005. His employment experience includes the National Institute for Research and Development in Electrical Engineering ICPE-CA of Bucharest, Romania, Department of Microelectromechanical devices, Department of Energy Conversion and Consumption Efficiency, and in the present, head of Sensors Actuators and Energy Harvesting Laboratory, Research.

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### Current affiliation:

- National Institute for Research and Development in Electrical Engineering ICPE-CA (INCDIE ICPE-CA) Bucharest, Romania from 2007

### Publication Metrics

For manuscripts published from date range October 2006 - October 2023

**6**

H-index

**60**

Total Publications

**1**

Sum of Times Cited by Patents

**158**

Sum of Times Cited

**45**

Web of Science Core Collection Publications

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For all time

6

H-index

73

Total Publications

1

Sum of Times Cited by Patents

158

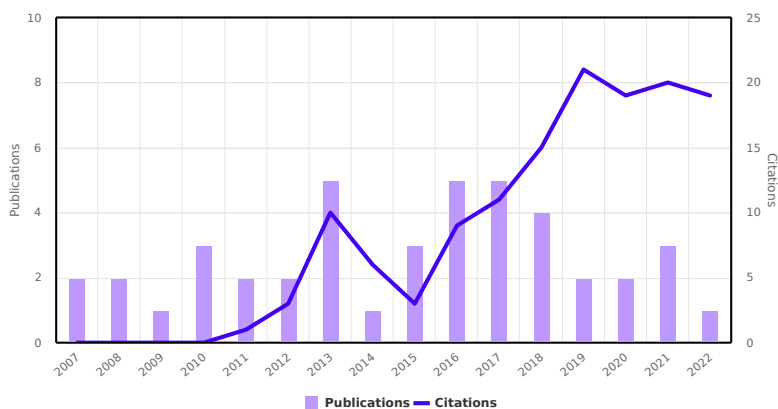
Sum of Times Cited

45

Web of Science Core Collection Publications

## Publication Impact Over Time

Times Cited and Publications Over Time



## Publishing Summary

For manuscripts published from date range October 2006 - October 2023

- |  |   |
|--|---|
| (6) 10TH INTERNATIONAL SYMPOSIU...       | (5) EEA - Electrotehnica, Electronica,... |
| (4) International Conference and Ex...   | (4) International Symposium on Adv...     |
| (3) Optoelectronics and Advanced M...    | (2) PROCEEDINGS OF THE 13TH INT...        |
| (2) IEEE Transactions on Magnetics       | (2) 9TH INTERNATIONAL SYMPOSIUM...        |
| (2) International Conference on App...   | (2) International Aegean Conferenc...     |
| (2) Metalurgia International             | (2) Electrotehnica, Electronica, Auto...  |
| (2) Actuators                            | (1) Electrical Engineering                |
| (1) Proceedings of the Romanian Ac...    | (1) ENERGY AND CLEAN TECHNOLO...          |
| (1) Electronic Materials Letters         | (1) Sensor Letters                        |
| (1) PROCEEDINGS OF THE INTERNAT...       | (1) IEEE Transactions on Industry Ap...   |
| (1) International Universities Power ... | (1) International Conference on Opti...   |
| (1) ESTC: ELECTRONICS SYSTEM-INT...      | (1) 8TH INTERNATIONAL SYMPOSIUM...        |
| (1) Environmental Engineering and ...    | (1) International Conference on Elec...   |
| (1) International Journal of Heat and... | (1) Polymer Thin Films                    |

(1) CONSTRUCTAL LAW & SECOND L...	(1) Applied Sciences
(1) Rev Roumaine des Sciences Tec...	(1) International Semiconductor Co...
(1) Micromachines	(1) UPB Scientific Bulletin, Series C: ...
(1) Sensors	

## Publications

For manuscripts published from date range October 2006 - October 2023  
(60) Times Cited  
(All time)

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Microactuation of Magnetic Nanofluid Enabled by a Pulsatory Rotating  
Magnetic Field 0

Authors (5): Pislaru-Danescu, Lucian; Zarnescu, George-Claudiu ... Telipan,  
Gabriela

Published: May 2023 in Actuators

DOI: 10.3390/ACT12050210

Web of Science accession number: WOS:000995223000001

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Modular Electromagnetic Transducer for Optimized Energy Transfer via  
Electric and/or Magnetic Fields 0

Authors (3): Zarnescu, George-Claudiu; Pislaru-Danescu, Lucian; Tiliakos,  
Athanasios

Published: Feb 2023 in Sensors

DOI: 10.3390/S23031291

Web of Science accession number: WOS:000929554100001

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Design and Manufacturing of Equipment for Investigation of Low Frequency  
Bioimpedance 1

Authors (4): Pislaru-Danescu, Lucian; Zarnescu, George-Claudiu ... Stoica,  
Victor

Published: Nov 2022 in Micromachines

DOI: 10.3390/M113111858

Web of Science accession number: WOS:000883886600001

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New Type of Linear Magnetostrictive Motor Designed for Outer Space  
Applications, from Concept to End-Product 2

Authors (8): Pislaru-Danescu, Lucian; Morega, Alexandru-Mihail ... Patroi, Eros-  
Alexandru

Published: Oct 2021 in Actuators

DOI: 10.3390/ACT10100266

Web of Science accession number: WOS:000716028400001

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<p><b>A Comparative Study of Polypyrrole and Ag/Polypyrrole Hybrid Nanocomposites as Sensitive Material Used for New Dry Polarizable Bioimpedance Sensors</b>          Authors (5): Telipan, Gabriela; Pislaru-Danescu, Lucian ... Marinescu, Virgil          Published: May 2021 in Applied Sciences          DOI: 10.3390/APP11094168          Web of Science accession number: WOS:000649953300001</p>	3
<p><b>Signal Conditioning provided by Sensitive Elements of Electric Bioimpedance Sensors</b>          Authors (3): Lucian PÎSLARU-DĂNESCU; Victor STOICA; Gabriela TELIPAN          Published: Feb 2021 in Electrotehnica, Electronica, Automatica          DOI: 10.46904/EEA.21.69.1.1108007</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; width: fit-content; margin: auto;">             Not indexed in              the Web of              Science           </div>
<p><b>PLANAR TRANSFORMER FOR ENERGY HARVESTING APPLICATIONS</b>          Authors (4): Veli, Yelda; Morega, Alexandru M. ... Morega, Mihaela          Published: 2021 in UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science          Web of Science accession number: WOS:000741473700024</p>	0
<p><b>Distribution of Magnetic Field and Exposure Level Around of Overhead Power Lines</b>          Authors (2): Eleonora DARIE; Lucian PÎSLARU-DĂNESCU          Published: Nov 2020 in Electrotehnica, Electronica, Automatica          DOI: 10.46904/EEA.20.68.4.1108008</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; width: fit-content; margin: auto;">             Not indexed in              the Web of              Science           </div>
<p><b>Ag/polypyrrole composites for polarizable dry microsensor used in bioimpedance measurement</b>          Authors (4): Telipan, G.; Pislaru-Danescu, L. ... Marinescu, V          Published: Oct 2020 in International Semiconductor Conference (CAS)          DOI: 10.1109/CAS50358.2020.9267982          Web of Science accession number: WOS:000637264600005</p>	0
<p><b>NUMERICAL SIMULATION ANALYSIS OF A LINEAR MAGNETOSTRICTIVE ACTUATOR</b>          Authors (4): Veli, Yelda; Morega, Alexandru-Mihail ... Morega, Mihaela          Published: Jul 2020 in Rev Roumaine des Sciences Techniques-Series Electrotechnique et Energetique          Web of Science accession number: WOS:000608261900002</p>	1
<p><b>Prototyping a Proportionally Electromagnetic Actuator with Wide Displacement of its Mobile Part</b>          Authors (4): Pislaru-Danescu, L.; Morega, A. M. ... Dobre, A. A.          Published: Mar 2019 in 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2019.8724916          Web of Science accession number: WOS:000475904500073</p>	0

<p><b>The Design of the Secondary Electrical Circuit of a Flyback Transformer with Hybrid Magnetic Core</b>          Authors (5): Veli, Yelda; Morega, Alexandru M. ... Telipan, Gabriela          Published: Mar 2019 in 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2019.8724983          Web of Science accession number: WOS:000475904500138</p>	0
<p><b>The power quality in an office building environment</b>          Authors (3): Darie, E.; Pîslaru-Dănescu, L.; El-Leathey, L.-A.          Published: 2019 in EEA - Electrotehnica, Electronica, Automatica</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; width: fit-content; margin: auto;">Not indexed in the Web of Science</div>
<p><b>Magnetic field distribution from a transformer substation of 1600 kvA, 20/0.4 kV and the occupational exposure implications</b>          Authors (2): Darie, E.; Pîslaru-Dănescu, L.          Published: 2019 in EEA - Electrotehnica, Electronica, Automatica</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; width: fit-content; margin: auto;">Not indexed in the Web of Science</div>
<p><b>Numerical Modeling of a Flyback Converter with Different Magnetic Media, for Micro-Power Controllers</b>          Authors (4): Veli, Yelda; Morega, Alexandru M. ... Morega, Mihaela          Published: Oct 2018 in International Conference on Applied and Theoretical Electricity (ICATE)          DOI: 10.1109/ICATE.2018.8551391          Web of Science accession number: WOS:000487278600024</p>	0
<p><b>Miniature Planar Spiral Transformer With Hybrid, Ferrite, and Magnetic Nanofluid Core</b>          Authors (9): Pislaru-Danescu, Lucian; Morega, Alexandru M. ... Popa, Marius          Published: Oct 2018 in IEEE Transactions on Magnetics          DOI: 10.1109/TMAG.2018.2864162          Web of Science accession number: WOS:000445253900001</p>	6
<p><b>Synthesis and Characterization of Antireflective ZnO Nanoparticles Coatings Used for Energy Improving Efficiency of Silicone Solar Cells</b>          Authors (6): Pislaru-Danescu, Lucian; Chitanu, Elena ... Sbarcea, Beatrice-Gabriela          Published: May 2018 in Electronic Materials Letters          DOI: 10.1007/S13391-018-0028-Z          Web of Science accession number: WOS:000431125500015</p>	5
<p><b>COMPACT, INTERDIGITATED CONSTRUCTAL DESIGN APPLIED TO SUPERCAPACITOR SYSTEMS</b>          Authors (5): Morega, Alexandra M.; Ordonez, Juan ... Dobre, Alin A.          Published: 2018 in Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science          Web of Science accession number: WOS:000439880200027</p>	0
<p><b>Assessment of a smart home power quality measurement data</b>          Authors (3): Darie, E.; El-Leathey, L.-A.; Pîslaru-Dănescu, L.          Published: 2018 in EEA - Electrotehnica, Electronica, Automatica</p>	<div style="background-color: #444; color: white; padding: 5px; border-radius: 5px; width: fit-content; margin: auto;">Not indexed in the Web of Science</div>

<p><b>Numerical Modeling of a Planar Transformer for Micro-Power Controllers</b>          Authors (4): Veli, Yelda; Morega, Alexandru M. ... Pislaru-Danescu, Lucian          Published: Mar 2017 in 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2017.7905119          Web of Science accession number: WOS:000403399400041</p>	1
<p><b>Analysis of Piezoelectric Structures Based on New Modified PZT Zirconate Titanate Designed for Energy Harvesting Applications</b>          Authors (4): Pislaru-Danescu, L.; Morega, M. ... Pintea, J.          Published: Mar 2017 in 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2017.7905075          Web of Science accession number: WOS:000403399400164</p>	0
<p><b>Improvement of Polycrystalline Solar Cells Operation under Low Solar Radiation Conditions by Using ZnO Nanostructured Materials</b>          Authors (8): Chitanu, E.; Pislaru-Danescu, L. ... Sbarcea, B. G.          Published: Mar 2017 in 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2017.7905074          Web of Science accession number: WOS:000403399400149</p>	2
<p><b>A new type of linear magnetostrictive motor</b>          Authors (6): Pislaru-Danescu, Lucian; Morega, Alexandu M. ... Babutanu, Corina Alice          Published: 2017 in Electrical Engineering          DOI: 10.1007/S00202-016-0388-Z          Web of Science accession number: WOS:000401692600014</p>	5
<p><b>COMPACT, INTERDIGITATED CONSTRUCTAL DESIGN APPLIED TO SUPERCAPACITOR SYSTEMS</b>          Authors (4): Morega, A. M.; Ordonez, J. ... Dobre, A.          Published: 2017 in CONSTRUCTAL LAW &amp; SECOND LAW CONFERENCE (CLC2017)          Web of Science accession number: WOS:000418803300028</p>	0
<p><b>Behaviour analysis of the lead-zirconate-titanate (PZT) piezo-actuator for different wave excitation. A comparative study</b>          Authors (4): Arnau Cubillo, A.; Pislaru-Dănescu, L. ... Lipcinski, D.          Published: 2017 in EEA - Electrotehnica, Electronica, Automatica</p>	<div style="border: 1px solid black; background-color: #cccccc; padding: 5px; display: inline-block;">             Not indexed in the Web of Science           </div>
<p><b>High Frequency Miniature Planar Transformer for Energy Harvesting Applications</b>          Authors (4): Dumitru, Jean B.; Morega, Alexandru ... Pislaru-Danescu, Lucian          Published: Oct 2016 in International Conference and Exposition on Electrical and Power Engineering (EPE)          DOI: 10.1109/ICEPE.2016.7781385          Web of Science accession number: WOS:000390706300095</p>	1

<p><b>High frequency miniature planar transformer for energy harvesting applications</b>          Authors (4): Jean B. Dumitru; Alexandru Morega ... Lucian Pislaru-Danescu          Published: Oct 2016 in International Conference and Exposition on Electrical and Power Engineering (EPE)          DOI: 10.1109/ICEPE.2016.7781385</p>	<p>Not indexed in the Web of Science</p>
<p><b>Piezoelectric Ultrasonic Traveling Wave Motor</b>          Authors (3): Alexandru M. Morega; Mihaela Morega; Lucian Pislaru-Danescu          Published: Oct 2016 in International Conference on Applied and Theoretical Electricity (ICATE)          DOI: 10.1109/ICATE.2016.7754661          Web of Science accession number: WOS:000390767500060</p>	<p>0</p>
<p><b>New Harvesting System Based on Photovoltaic Cells with Antireflexive ZnO Nanoparticles Coatings and DC/DC Isolation Conversion</b>          Authors (8): Pislaru-Danescu, Lucian; Chitanu, Elena ... Babutanu, Corina Alice          Published: Sep 2016 in PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL FRIENDLY ENERGIES AND APPLICATIONS (EFEA)          DOI: 10.1109/EFEA.2016.7748798          Web of Science accession number: WOS:000390268800034</p>	<p>2</p>
<p><b>Preparation and Characterization of CeO<sub>2</sub>-Y<sub>2</sub>O<sub>3</sub> Binary-Oxides and Their CO<sub>2</sub> Gas-Sensing Properties</b>          Authors (5): Gabriela Telipan; Lucian Pislaru-Dănescu ... Dragos Ovezza          Published: Feb 2016 in Sensor Letters          DOI: 10.1166/SL.2016.3604</p>	<p>Not indexed in the Web of Science</p>
<p><b>SHAPE AND STRUCTURE OPTIMIZATION OF A MAGNETOSTRICTIVE CORED ACTUATOR</b>          Authors (4): Morega, Alexandru M.; Popa, Marius ... Pislaru-Danescu, Lucian          Published: Jan 2016 in International Journal of Heat and Technology          DOI: 10.18280/IJHT.34S115          Web of Science accession number: WOS:000383470400016</p>	<p>2</p>
<p><b>ASSESMENT OF WIND ENERGY DENSITY PROBABILITY BY USING THE WEIBULL DISTRIBUTION FUNCTION. A STUDY CASE</b>          Published: 2016 in ENERGY AND CLEAN TECHNOLOGIES CONFERENCE PROCEEDINGS, SGEM 2016, VOL I          DOI: 10.5593/SGEM2016/B41/S17.019          Web of Science accession number: WOS:000391348600019</p>	<p>0</p>
<p><b>Microgrids smart structures used for back-up power supply</b>          Authors (3): Pislaru-Dănescu, L.; Lipan, L.-C.; El-Leathey, L.-A.          Published: 2016 in EEA - Electrotehnica, Electronica, Automatica</p>	<p>Not indexed in the Web of Science</p>

<p><b>Numerical Study of the Stator Motion in a Piezoelectric Ultrasonic Motor</b>          Authors (4): A. M. Morega; G. Robello ... L. Pislaru-Danescu          Published: May 2015 in 9TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2015.7133878          Web of Science accession number: WOS:000368159800115</p>	2
<p><b>Electronic Drive System of a Linear Magnetostrictive Motor Designed for Outer Space Applications</b>          Authors (6): Pislaru-Danescu, L.; Morega, A. M. ... Flore, L.          Published: May 2015 in 9TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)          DOI: 10.1109/ATEE.2015.7133769          Web of Science accession number: WOS:000368159800040</p>	4
<p><b>A new electronic active system for protection to quench hazard in high temperature superconducting coils</b>          Authors (5): L. Pislaru-Danescu; A. M. Morega ... I. Dobrin          Published: May 2015 in International Symposium on Advanced Topics in Electrical Engineering (ATEE)          DOI: 10.1109/ATEE.2015.7133889</p>	<div style="border: 1px solid black; background-color: #333; color: white; padding: 5px; width: fit-content;">             Not indexed in the Web of Science           </div>
<p><b>A New Electronic Active System for Protection to Quench Hazard in High Temperature Superconducting Coils</b>          Authors (5): Pislaru-Danescu, L.; Morega, A. M. ... Dobrin, I.          Published: May 2015 in International Symposium on Advanced Topics in Electrical Engineering (ATEE)          DOI: 10.1109/ATEE.2015.7133889          Web of Science accession number: WOS:000368159800129</p>	0
<p><b>New Energy Harvesting Systems, Designed for New Piezoelectric Transducers, with Charging Energy Management</b>          Authors (5): Pislaru-Danescu, Lucian; Lipan, Laurentiu Constantin ... Dumitru, Alina          Published: Oct 2014 in International Conference and Exposition on Electrical and Power Engineering (EPE)          DOI: 10.1109/ICEPE.2014.6969989          Web of Science accession number: WOS:000353565300119</p>	2
<p><b>Magnetic Nanofluid Applications in Electrical Engineering</b>          Authors (6): Pislaru-Danescu, Lucian; Morega, Alexandru M. ... Marinescu, Virgil          Published: Nov 2013 in IEEE Transactions on Magnetics          DOI: 10.1109/TMAG.2013.2271607          Web of Science accession number: WOS:000326246500015</p>	32



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FLOW PATTERNS IN THE MAGNETIC NANOFUID CORE OF A MINIATURE PLANAR SPIRAL TRANSFORMER 1

Authors (4): Morega, Alexandru Mihail; Dumitru, Jean Bogdan ... Pislaru-Danescu, Lucian

Published: Jun 2013 in Environmental Engineering and Management Journal

DOI: 10.30638/EEMJ.2013.144

Web of Science accession number: WOS:000325632500009

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A parametric study of lumped circuit parameters of a miniature planar spiral transformer

Authors (4): J. B. Dumitru; A. M. Morega ... M. Morega

Published: May 2013 in International Symposium on Advanced Topics in Electrical Engineering (ATEE)

DOI: 10.1109/ATEE.2013.6563477

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Not indexed in  
the Web of  
Science

New Concept of Measurement Apparatus for the in situ Electrical Resistivity of Concrete Structures 1

Authors (4): L. Pislaru-Danescu; A. M. Morega ... V. Stoica

Published: May 2013 in 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)

DOI: 10.1109/ATEE.2013.6563531

Web of Science accession number: WOS:000332928500185

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A Parametric Study of Lumped Circuit Parameters of a Miniature Planar Spiral Transformer 0

Authors (4): Dumitru, J. B.; Morega, A. M. ... Morega, M.

Published: May 2013 in International Symposium on Advanced Topics in Electrical Engineering (ATEE)

DOI: 10.1109/ATEE.2013.6563477

Web of Science accession number: WOS:000332928500131

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Prototyping a Ferrofluid-Cooled Transformer 35

Authors (9): Pislaru-Danescu, Lucian; Morega, Alexandru M. ... Borbath, Tuende

Published: May 2013 in IEEE Transactions on Industry Applications

DOI: 10.1109/TIA.2013.2252872

Web of Science accession number: WOS:000319152500033

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Magnetic and Electric Sizing of a Miniature Planar Spiral Transformer 1

Authors (5): Morega, A. M.; Morega, M. ... Stoica, V.

Published: Oct 2012 in International Conference and Exposition on Electrical and Power Engineering (EPE)

DOI: 10.1109/ICEPE.2012.6463572

Web of Science accession number: WOS:000324685300118

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Design and implementation of a Combined Cooling, Heating and Power Plant to support data centre supply reliability

Authors (6): Laurentiu Constantin Lipan; Lucian Pislaru-Danescu ... Gheorghe Comanescu

Published: Sep 2012 in International Universities Power Engineering Conference (UPEC)

DOI: 10.1109/UPEC.2012.6398623

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Not indexed in  
the Web of  
Science

A novel microactuator device based on magnetic nanofluid

Authors (3): Alexandru M. Morega; Lucian Pislaru-Danescu; Mihaela Morega

Published: May 2012 in International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)

DOI: 10.1109/OPTIM.2012.6231963

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Not indexed in  
the Web of  
Science

A Novel Microactuator Device Based on Magnetic Nanofluid

4

Authors (3): Morega, Alexandru M.; Pislaru-Danescu, Lucian; Morega, Mihaela

Published: 2012 in PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOLS 1-5

Web of Science accession number: WOS:000398866700164

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Gas sensing properties of 1-D ZnO obtained by hydrothermal process

2

Authors (5): Telipan, G.; Pislaru-Danescu, L. ... Zarnescu, G.

Published: May 2011 in Optoelectronics and Advanced Materials, Rapid Communications

Web of Science accession number: WOS:000292891400037

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A Novel Magnetostrictive Injection Actuator Based on New Giant Magnetostrictive Materials

6

Authors (3): Pislaru-Danescu, L.; Morega, A. M.; Morega, M.

Published: 2011 in 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE)

Web of Science accession number: WOS:000310701200122

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Nanoparticles of ferrofluid Fe<sub>3</sub>O<sub>4</sub> synthetised by coprecipitation method used in microactuation process

21

Authors (4): Pislaru-Danescu, L.; Morega, A. ... Stoica, V.

Published: Aug 2010 in Optoelectronics and Advanced Materials, Rapid Communications

Web of Science accession number: WOS:000281734800030

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A Novel, Ferrofluid-Cooled Transformer. Electromagnetic Field and Heat Transfer by Numerical Simulation

12

Authors (6): Morega, A. M.; Morega, M. ... Stoian, F. D.

Published: May 2010 in PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOLS 1-5

DOI: 10.1109/OPTIM.2010.5510425

Web of Science accession number: WOS:000291967300016

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Nanoparticles of ferrofluid Fe<sub>3</sub>O<sub>4</sub> synthesised by coprecipitation method used in microactuation process

Authors (4): Pislaru-Danescu, L.; Morega, A. ... Stoica, V.

Published: 2010 in Optoelectronics and Advanced Materials, Rapid Communications

Not indexed in  
the Web of  
Science

Organo-siloxane supramolecular polymers used in CO<sub>2</sub> detection-Polymer thin film

Published: 2010 in Polymer Thin Films

DOI: 10.5772/8398

Web of Science accession number: WOS:000363637600016

1

The Determination of the Total Magnetic Losses in the Stator of the Asynchronous Electrical Micromachines Fed with Pulse Width Modulation, PWM, and with Triangular Waveforms, Respectively

Authors (4): Lucian Pislaru-Danescu; Mircea Ignat ... Victor Stoica

Published: 2009 in International Conference on Electrical Machines

DOI: 10.1109/ICELMACH.2008.4800072

Web of Science accession number: WOS:000269315000254

0

CO<sub>2</sub> Detector Based on Organo-Siloxane Supramolecular Polymer

Authors (3): Telipan, G.; Pislaru-Danescu, L.; Racles, C.

Published: Sep 2008 in ESTC: ELECTRONICS SYSTEM-INTEGRATION TECHNOLOGY CONFERENCE, VOLS 1 AND 2, PROCEEDINGS

DOI: 10.1109/ESTC.2008.4684529

Web of Science accession number: WOS:000261094400220

1

Sensor and apparatus for CO<sub>2</sub> detector with organo-siloxane supramolecular polymers sensitive layer

Authors (3): Telipan, G.; Pislaru-Danescu, L.; Racles, C.

Published: 2008 in Metalurgia International

Web of Science accession number: WOS:000258590700005

0

Sensor and apparatus for CO<sub>2</sub> detector with organo-siloxane supramolecular polymers sensitive layer

Authors (3): Telipan, G.; Paslaru-Danescu, L.; Racles, C.

Published: 2008 in Metalurgia International

Not indexed in  
the Web of  
Science

Aspects about applications of magnetostrictive macroactuator in oil industry

Authors (3): Mircea Ignat; Cristinel Ioan Haraguta; Lucian Paslaru

Published: Sep 2007 in International Aegean Conference on Electrical Machines and Power Electronics & Electromotion, Proceedings

DOI: 10.1109/ACEMP.2007.4510486

Web of Science accession number: WOS:000256943100013

2

Piezoelectric micromotor with coaxial cylindrical convertor

Authors (3): Ignat, Mircea; Zarnescu, George; Pislaru-Danescu, Lucian

Published: Sep 2007 in International Aegean Conference on Electrical Machines and Power Electronics & Electromotion, Proceedings

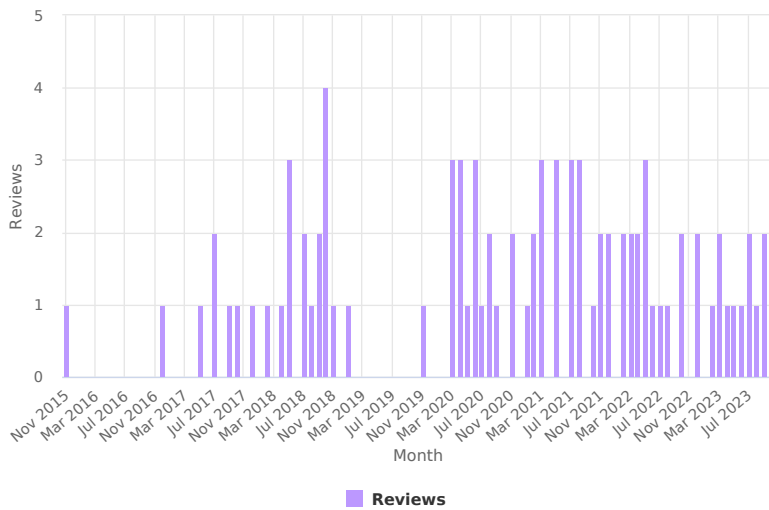
DOI: 10.1109/ACEMP.2007.4510490

Web of Science accession number: WOS:000256943100017

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# Verified Reviews

## Review Summary



## Reviewer Summary

For manuscripts reviewed from date range October 2006 - October 2023

(29) Sensors	(20) IEEE Transactions on Industrial ...
(13) Energies	(7) Actuators
(5) Materials	(4) Processes
(2) Solar	(2) International Journal of Electrical...
(2) Journal of Magnetism and Magne...	(1) Electronics
(1) Applied Sciences	(1) Journal of Inorganic and Organo...
(1) IET Science, Measurement and T...	

### 88 REVIEWS OF 55 MANUSCRIPTS

For manuscripts published from date range October 2006 - October 2023

Study of the Protection and Energy Transmission Modes of One Phase Short Circuit to Ground in Inverters

3 rounds from Jul 2023 to Sep 2023 for Sensors

Non-contact Time-varying Current Reconstruction for Electromagnetic Immunity Diagnosis in Electric Vehicle Module Injection Port Testing

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Structural, Morphological and Optical Bandgap Analysis of Multifunction Applications of Y<sub>2</sub>O<sub>3</sub> - ZnO Nanocomposites : Varistors and Visible Photocatalytic Degradations of Wastewater

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Design of a Piezoelectric Energy Conversion Based Wind Generator

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Design and Experiments of a Piezoelectric Motor Using Three Rotating Mode Actuators  
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Experimental Verification of the Pumping Effect Caused by the Micro-Tapered Hole in a Piezoelectric Atomizer  
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Study on Simulation Cooling Test for Oil-immersed Split Cooling Type

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Feasibility study of electrical resistance tomography on concrete structures

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A multi-phase ferrofluid flow model with equation of state for thermomagnetic pumping and heat transfer

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