EXECUTIVE UNIT FOR FINANCING HIGHER EDUCATION, RESEARCH, DEVELOPMENT AND INNOVATION - UEFISCDI AWARDS - ARTICLES

Through these awards UEFISCDI aims to increase quality, impact and international visibility of Romanian research by recognizing and rewarding significant results published in prestigious journals from international senior scientific stream.

Within this competition can participate the researchers affiliated to institutions in Romania, authors of scientific articles published in journals indexed by Clarivate Analytics Science Citation Index Expanded ("Science"), Social Sciences Citation Index ("Social Sciences") or Arts & Humanities Citation Index ("Arts & Humanities").


2. Cimporescu, A., Todea, A., Badea, V., Paul, C., Peter, F. Efficient kinetic resolution of 1,5-dihydroxy-1,2,3,4-tetrahydroanaphthalene catalyzed by immobilized Burkholderia cepacia lipase in batch and continuous-flow system, PROCESS BIOCHEMISTRY, Volume: 51, Issue: 12, Pages: 2076-2083, ISSN: 1359-5113, eISSN: 1873-3298, 2016;


24. Cioca, L.I., Ivascu, L. Risk Indicators and Road Accident Analysis for the Period 2012-2016, SUSTAINABILITY, Volume: 9, Issue: 9, Article Number: 1530, ISSN: 2071-1050, 2017;


34. Filip, I., Szerdert, I. Tuning the control penalty factor of a minimum variance adaptive controller, EUROPEAN JOURNAL OF CONTROL, Volume: 37, Pages: 16-26, ISSN: 0947-3580, eISSN: 1435-5671, 2017;

35. Filipov, S.N., Magadov, K.Y., Jivulescu, M.A. Absolutely separating quantum maps and channels, NEW JOURNAL OF PHYSICS, Volume: 19, Article Number: 083010, ISSN: 1367-2630, 2017;


44. Istratie, R., Babuta, R., Popa, A., Pâcurariu, C., Stoia, M. Enhanced Adsorption of p-Nitrophenol from Aqueous Solutions Using a Functionalized Styrene-Divinylbenzene Copolymer, WATER AIR AND SOIL POLLUTION, Volume: 228, Issue: 8, Article Number: 276, ISSN: 0049-6979, eISSN: 1573-3932, 2017;


46. Lazureanu, C. The Real-Valued Maxwell-Bloch Equations with Controls: From a Hamilton-Poisson System to a Chaotic One, INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, Volume: 27, Issue: 9, Article Number: 1750143, ISSN: 0218-1274, eISSN: 1793-6551, 2017;


52. Marinica, O.M. Study of Static Magnetic Properties of Transformer Oil Based Magnetic Fluids for Various Technical Applications Using Demagnetizing Field Correction, JOURNAL OF NANOMATERIALS, Article Number: 5407679, ISSN: 1687-4110, eISSN: 1687-4129, 2017;


54. Mazilescu, C.A., Gangloff, B. Value Assigned to Employees Who Preserve the Social and Organizational Environment, SUSTAINABILITY, Volume: 9, Issue: 2, Article Number: 170, ISSN: 2071-1050, 2017;


62. Osaci, M., Cacciola, M. Study about the nanoparticle agglomeration in a magnetic nanofluid by the Langevin dynamics simulation model using an effective Verlet-type algorithm, MICROFLUIDICS AND NANOFLUIDICS, Volume: 21, Issue: 2, Article Number: 19, ISSN: 1613-4982, eISSN: 1613-4990, 2017;


<table>
<thead>
<tr>
<th>No.</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>73.</td>
<td>Stoia, M., Muntean, E., Pacurarucu, C., Mihali, C. Thermal behavior of MnFe2O4 and MnFe2O4/C nanocomposite synthesized by a solvothermal method, THERMOCHIMICA ACTA, Volume: 652, Pages: 1-8, ISSN: 0040-6031, eISSN: 1872-762X, 2017;</td>
</tr>
<tr>
<td>75.</td>
<td>Tigan, G. DEGENERATE WITH RESPECT TO PARAMETERS FOLD-HOPF BIFURCATIONS, DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS, Volume: 37, Issue: 4, Pages: 2115-2140, ISSN: 1078-0947, eISSN: 1553-5231, 2017;</td>
</tr>
<tr>
<td>82.</td>
<td>Tudoran, R.M., Girban, A. Bifurcations of limit cycles of perturbed completely integrable systems, NONLINEARITY, Volume: 30, Issue: 3, Pages: 1058-1098, ISSN: 0951-7715, eISSN: 1366-6544, 2017;</td>
</tr>
</tbody>
</table>


EXECUTIVE UNIT FOR FINANCING HIGHER EDUCATION, RESEARCH, DEVELOPMENT AND INNOVATION - UEFISCDI AWARDS - GRANTED PATENTS

<table>
<thead>
<tr>
<th></th>
<th>Patent Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pinca-Betotean, C. Installation for Determining Thermal Endurance, OSIM, RO 126966 B1, 30.03.2016;</td>
</tr>
</tbody>
</table>