Acceptance Rate (for the years 2013 and 2014): 32.42%
Acceptance Rate = C/D where: C = the number of accepted papers, D= the number of submitted papers. Withdrawn Papers are not considered for the numbers C and D.

Editorial Board:

Editor-in-Chief
Professor Myriam Lazard
Institut Superieur d'Ingenierie de la Conception
27 rue d'Hellieule, 88100 Saint Die
FRANCE

Associate Editors:
Prof. E. L. Cussler, Dept. of Chemical Engineering & Materials Science, University of Minnesota, Minneapolis, MN 55455, USA
Prof. D. R. Paul, Department of Chemical Engineering and Texas Materials Institute, The University of Texas at Austin, Austin, TX 78712, USA
Prof. Andris Buikis, Institute of Mathematics and Computer Science, Riga, LATVIA
Prof. Shabaan Abdallah, University of Cincinnati, Ohio, USA
Prof. Oleg V. Vasilyev, University of Colorado, CO, USA
Prof. Tatsuo Inoue, Kyoto University, Kyoto, JAPAN
Prof. Chang Kyun Choi, Seoul National University, KOREA
Prof. Tamas Reti, Transportation and Mechanical Engineering Institute, Budapest, HUNGARY
Prof. George E. Totten, Portland State University, Portland, OR, USA
Prof. Andrei G. Fedorov, Georgia Institute of Technology, Atlanta, Georgia, USA
Prof. Fotis Sotiropoulos, Georgia Institute of Technology, Atlanta, Georgia, USA
Prof. A. C. Benim, Dusseldorf University of Applied Sciences, Germany
Prof. Joseph T. C. Liu, Brown University, Providence RI, USA
Prof. Kai H. Luo, School of Engineering Sciences, University of Southampton, UK
Prof. Siavash Sohrab, Northwestern University, Illinois, USA
Prof. David Katoshevski, Ben-Gurion University of the Negev, ISRAEL
Topics


Articles:

Investigation of Heat Transfer Decrement of Wall Structures Comparison of Measurements and Calculations  7
Authors: Akos Lakatos

Influence of Hydrophobic Additives on Protection Against Alkali Environment  12
Authors: Radka Pernicova

Impact of Porous Structure of the AAC Material on Moisture Distribution throughout the Cross Section of the AAC Masonry Blocks  20
Authors: Sanita Rubene, Martins Vilnitis

Using on Results of External Heat Exchange Local Coefficients Study for Formation of Hydrodynamic Structure of Fluidized Bed Optimal for Burning Low Grades Solids Fuels  29
Authors: Rafail Isemin, Dmitry Klimov, Sergey Kuzmin, Aleksandr Mikhalev, Valentin Konyakhin, Oleg Milovanov, Natalia Muratova

MHD Nanofluid Flow Containing Gyrotactic Microorganisms  45
Authors: R.Kandasamy, Radiah Muhamad

The Simulation of the Water Temperature Rising Using ARIMA Models  55
Authors: Dana Halmova, Pavla Pekarova, Jan Pekar, Katarina Kucarova
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Transfer by Forced Convection from a Vertical PCM Plate</td>
<td>61</td>
</tr>
<tr>
<td>Authors: Martin Kolacek, Stanislav Sehnalek</td>
<td></td>
</tr>
<tr>
<td>LQ Digital Control of Coupled Liquid Level Equal Atmospheric Tanks – Design and Simulation</td>
<td>71</td>
</tr>
<tr>
<td>Authors: Vladimír Bobál, Stanislav Talaš, Marek Kubalčík</td>
<td></td>
</tr>
<tr>
<td>Modeling a Direct Contact Heat Recovery Process from Molten Salt Droplets in Various Gases for Thermochemical Hydrogen Production</td>
<td>78</td>
</tr>
<tr>
<td>Authors: Samane Ghandehariun, Marc A. Rosen, Martin Agelin-Chaab</td>
<td></td>
</tr>
<tr>
<td>Simulation and Calculation of Temperature Fields PIR Detector</td>
<td>86</td>
</tr>
<tr>
<td>Authors: Rudolf Drga, Dagmar Janacova, Hana Charvatova</td>
<td></td>
</tr>
<tr>
<td>Authors: Aleksandar Hatzivelkos</td>
<td></td>
</tr>
<tr>
<td>Heat Energy Transfers Inside the Double Circular Flow Heating System</td>
<td>114</td>
</tr>
<tr>
<td>Authors: Drago Franciskovic</td>
<td></td>
</tr>
<tr>
<td>Determination of Soil Parameters Under Gravitation and Centrifugal Forces in 3D Infiltration</td>
<td>120</td>
</tr>
<tr>
<td>Authors: Jozef Kacur, Patrik Mihala, Michal Toth</td>
<td></td>
</tr>
</tbody>
</table>