

Usage Count ₁

Polytechnic University of Timisoara ISI Papers TOP 20

Date: 05.07.2018

1. Corpas, L., Hadaruga, N.G., David, I., Pirsan, P., Hadaruga, D.I., Isengard, H.D. Karl Fischer Water Titration-Principal Component Analysis Approach on Wheat Flour, FOOD ANALYTICAL METHODS, Volume: 7, Issue: 6, Pages: 1353-1358, ISSN: 1936-9751, eISSN: 1936-976X, 2014;	Usage Count (Since 2013): 427
2. Hadaruga, D.I., Costescu, C.I., Corpas, L., Hadaruga, N.G., Isengard, H.D. Differentiation of rye and wheat flour as well as mixtures by using the kinetics of Karl Fischer water titration, FOOD CHEMISTRY, Volume: 195, Pages: 49-55, PubMed ID: 26575711, ISSN: 0308-8146, eISSN: 1873-7072, 2016;	Usage Count (Since 2013): 212
3. Hadaruga, N.G., Hadaruga, D.I., Isengard, H.D. "Surface water" and "strong-bonded water" in cyclodextrins: a Karl Fischer titration approach, JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, Volume: 75, Issue: 3-4, Special Issue: SI, Pages: 297-302, 2nd European Conference on Cyclodextrin, OCT 02-04, 2011, Asti, ITALY, ISSN: 1388-3127, eISSN: 1573-1111, Published: 2013;	Usage Count (Since 2013): 194
4. Sarbu, I., Sebarchievici, C. General review of ground-source heat pump systems for heating and cooling of buildings, ENERGY AND BUILDINGS, Volume: 70, Pages: 441-454, ISSN: 0378-7788, eISSN: 1872-6178, 2014;	Usage Count (Since 2013): 168
5. Precup, R.E., Hellendoorn, H. A survey on industrial applications of fuzzy control, COMPUTERS IN INDUSTRY, Volume: 62, Issue: 3, Pages: 213-226, ISSN: 0166-3615, eISSN: 1872-6194, 2011;	Usage Count (Since 2013): 160
6. Jung, H.Y., Choi, S.J., Prashanth, K.G., Stoica, M., Scudino, S., Yi, S., Kuhn, U., Kim, D.H., Kim, K.B., Eckert, J. Fabrication of Fe-based bulk metallic glass by selective laser melting: A parameter study, MATERIALS & DESIGN, Volume: 86, Pages: 703-708, ISSN: 0264-1275, eISSN: 1873-4197, 2015;	Usage Count (Since 2013): 152
7. Gheju, M., Balcu, I., Mosoarca, G. Removal of Cr(VI) from aqueous solutions by adsorption on MnO ₂ , JOURNAL OF HAZARDOUS MATERIALS, Volume: 310, Pages: 270-277, PubMed ID: 26947189, ISSN: 0304-3894, eISSN: 1873-3336, 2016;	Usage Count (Since 2013): 145
8. Gheju, M. Hexavalent Chromium Reduction with Zero-Valent Iron (ZVI) in Aquatic Systems, WATER AIR AND SOIL POLLUTION, Volume: 222, Issue: 1-4, Pages: 103-148, ISSN: 0049-6979, 2011;	Usage Count (Since 2013): 135
9. Sopu, D., Foroughi, A., Stoica, M., Eckert, J. Brittle-to-Ductile Transition in Metallic Glass Nanowires, NANO LETTERS, Volume: 16, Issue: 7, Pages: 4467-4471, PubMed ID: 27248329, ISSN: 1530-6984, eISSN: 1530-6992, 2016;	Usage Count (Since 2013): 118
10. Sopu, D., Soyarslan, C., Sarac, B., Bargmann, S., Stoica, M., Eckert, J. Structure-property relationships in nanoporous metallic glasses, ACTA MATERIALIA, Volume: 106, Pages: 199-207, ISSN: 1359-6454, eISSN: 1873-2453, 2016;	Usage Count (Since 2013): 108

11.	Tombacz, E., Turcu, R., Socoliuc, V., Vekas, L. Magnetic iron oxide nanoparticles: Recent trends in design and synthesis of magneto-responsive nanosystems, <i>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS</i> , Volume: 468, Issue: 3, Special Issue: SI, Pages: 442-453, PubMed ID: 26275707, ISSN: 0006-291X, eISSN: 1090-2104, 2015;	Usage Count (Since 2013): 108
12.	Novaconi, S., Vlazan, P., Malaescu, I., Badea, I., Grozescu, I., Sfirloaga, P. Doped Bi ₂ Te ₃ nano-structured semiconductors obtained by ultrasonically assisted hydrothermal method, <i>CENTRAL EUROPEAN JOURNAL OF CHEMISTRY</i> , Volume: 11, Issue: 10, Pages: 1599-1605, ISSN: 1895-1066, 2013;	Usage Count (Since 2013): 107
13.	Sopu, D., Stoica, M., Eckert, J. Deformation behavior of metallic glass composites reinforced with shape memory nanowires studied via molecular dynamics simulations, <i>APPLIED PHYSICS LETTERS</i> , Volume: 106, Issue: 21, Article Number: 211902, ISSN: 0003-6951, eISSN: 1077-3118, 2015;	Usage Count (Since 2013): 101
14.	Sarbu, I., Sebarchievici, C. Review of solar refrigeration and cooling systems, <i>ENERGY AND BUILDINGS</i> , Volume: 67, Pages: 286-297, ISSN: 0378-7788, eISSN: 1872-6178, 2013;	Usage Count (Since 2013): 99
15.	Unlusayin, M., Hadaruga, N.G., Rusu, G., Gruia, A.T., Paunescu, V., Hadaruga, D.I. Nano-encapsulation competitiveness of omega-3 fatty acids and correlations of thermal analysis and Karl Fischer water titration for European anchovy (<i>Engraulis encrasicolus</i> L.) oil/beta-cyclodextrin complexes, <i>LWT-FOOD SCIENCE AND TECHNOLOGY</i> , Volume: 68, Pages: 135-144, ISSN: 0023-6438, eISSN: 1096-1127, 2016;	Usage Count (Since 2013): 97
16.	Marinica, O., Susan-Resiga, D., Balanean, F., Vizman, D., Socoliuc, V., Vekas, L. Nano-micro composite magnetic fluids: Magnetic and magnetorheological evaluation for rotating seal and vibration damper applications, <i>JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS</i> , Volume: 406, Pages: 134-143, ISSN: 0304-8853, eISSN: 1873-4766, 2016;	Usage Count (Since 2013): 96
17.	Savva, I., Constantinou, D., Marinica, O., Vasile, E., Vekas, L., Krasia-Christoforou, T. Fabrication and characterization of superparamagnetic poly(vinyl pyrrolidone)/poly(L-lactide)/Fe ₃ O ₄ electrospun membranes, <i>JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS</i> , Volume: 352, Pages: 30-35, ISSN: 0304-8853, eISSN: 1873-4766, 2014;	Usage Count (Since 2013): 96
18.	Coseri, S., Spatareanu, A., Sacarescu, L., Socoliuc, V., Stratulat, I.S., Harabagiu, V. Pullulan: A versatile coating agent for superparamagnetic iron oxide nanoparticles, <i>JOURNAL OF APPLIED POLYMER SCIENCE</i> , Volume: 133, Issue: 5, Article Number: 42926, ISSN: 0021-8995, eISSN: 1097-4628, 2016;	Usage Count (Since 2013): 94
19.	Kellenberger, A., Plesu, N., Mihali, M.T.L., Vaszilcsin, N. Synthesis of polyaniline nanostructures by electrochemical deposition on niobium, <i>POLYMER</i> , Volume: 54, Issue: 13, Pages: 3166-3174, ISSN: 0032-3861, 2013;	Usage Count (Since 2013): 94
20.	Erable, B., Duteanu, N.M., Ghangrekar, M.M., Dumas, C., Scott, K. Application of electro-active biofilms, <i>BIOFOULING</i> , Volume: 26, Issue: 1, Pages: 57-71, PubMed ID: 20390557, ISSN: 0892-7014, eISSN: 1029-2454, 2010.	Usage Count (Since 2013): 94

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