

Usage Count ₁

Polytechnic University of Timisoara ISI Papers TOP 20

Date: 20.09.2019

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): 430
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): 215
3. 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): 213
4. 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): 208
5. Boldea, I., Tutelea, L.N., Parsa, L., Dorrell, D. Automotive Electric Propulsion Systems With Reduced or No Permanent Magnets: An Overview, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Volume: 61, Issue: 10, Pages: 5696-5711, ISSN: 0278-0046, eISSN: 1557-9948, 2014;	Usage Count (Since 2013): 201
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): 197
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): 193
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): 177
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): 144
10. Ungurean, L., Carstoiu, G., Micea, M.V., Groza, V. Battery state of health estimation: a structured review of models, methods and commercial devices, INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Volume: 41, Issue: 2, Pages: 151-181, ISSN: 0363-907X, eISSN: 1099-114X, 2017;	Usage Count (Since 2013): 130
11. Tombacz, E., Turcu, R., Socoliuc, V., Vekas, L. Magnetic iron oxide nanoparticles: Recent trends in design and synthesis of magnetoresponsive nanosystems, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, Volume: 468, Issue: 3, Special Issue: SI, Pages: 442-453, PubMed ID: 26275707, ISSN: 0006-291X, eISSN: 1090-2104, 2015;	Usage Count (Since 2013): 121
12. 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, JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, Volume: 406, Pages: 134-143, ISSN: 0304-8853, eISSN: 1873-4766, 2016;	Usage Count (Since 2013): 118
13. 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): 111
14. Sarbu, I., Sebarchievici, C. Review of solar refrigeration and cooling systems, ENERGY AND BUILDINGS, Volume: 67, Pages: 286-297, ISSN: 0378-7788, eISSN: 1872-6178, 2013;	Usage Count (Since 2013): 111
15. 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, CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, Volume: 11, Issue: 10, Pages: 1599-1605, ISSN: 1895-1066, 2013;	Usage Count (Since 2013): 108
16. Murvay, P.S., Silea, I. A survey on gas leak detection and localization techniques, JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES, Volume: 25, Issue: 6, Pages: 966-973, ISSN: 0950-4230, 2012;	Usage Count (Since 2013): 103
17. Sopu, D., Stoica, M., Eckert, J. Deformation behavior of metallic glass composites reinforced with shape memory nanowires studied via molecular dynamics simulations, APPLIED PHYSICS LETTERS, Volume: 106, Issue: 21, Article Number: 211902, ISSN: 0003-6951, eISSN: 1077-3118, 2015;	Usage Count (Since 2013): 102
18. Tekle-Rottering, A., von Sonntag, C., Reisz, E., vom Eyser, C., Lutze, H.V., Turk, J., Naumov, S., Schmidt, W., Schmidt, T.C. Ozonation of anilines: Kinetics, stoichiometry, product identification and elucidation of pathways, WATER RESEARCH, Volume: 98, Pages: 147-159, PubMed ID: 27088249, ISSN: 0043-1354, 2016;	Usage Count (Since 2013): 101
19. 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, JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, Volume: 352, Pages: 30-35, ISSN: 0304-8853, eISSN: 1873-4766, 2014;	Usage Count (Since 2013): 99
20. Papaphilippou, P., Christodoulou, M., Marinica, O.M., Taculescu, A., Vekas, L., Chrissafis, K., Krasia-Christoforou, T. Multiresponsive Polymer Conetworks Capable of Responding to Changes in pH, Temperature, and Magnetic Field: Synthesis, Characterization, and Evaluation of Their Ability for Controlled Uptake and Release of Solutes, ACS APPLIED MATERIALS & INTERFACES, Volume: 4, Issue: 4, Pages: 2139-2147, PubMed ID: 22452509, ISSN: 1944-8244, 2012.	Usage Count (Since 2013): 99

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