

## Usage Count <sub>1</sub>

### Polytechnic University of Timisoara ISI Papers TOP 20

Date: 20.12.2019

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): 432
2. 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): 222
3. 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
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): 212
5. 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): 208
6. 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): 206
7. Gheju, M., Balcu, I., Mosoarca, G. Removal of Cr(VI) from aqueous solutions by adsorption on MnO <sub>2</sub> , JOURNAL OF HAZARDOUS MATERIALS, Volume: 310, Pages: 270-277, PubMed ID: 26947189, ISSN: 0304-3894, eISSN: 1873-3336, 2016;	Usage Count (Since 2013): 202
8. 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
9. 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): 192
10. 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): 145
11. 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): 140
12. 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): 125
13. 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): 120
14. Boeriu, C.G., Fitigau, F.I., Gosselink, R.J.A., Frissen, A.E., Stoutjesdijk, J., Peter, F. Fractionation of five technical lignins by selective extraction in green solvents and characterisation of isolated fractions, INDUSTRIAL CROPS AND PRODUCTS, Volume: 62, Pages: 481-490, ISSN: 0926-6690, eISSN: 1872-633X, 2014;	Usage Count (Since 2013): 116
15. 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): 115
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): 115
17. 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): 113
18. Vasilescu, C., Todea, A., Nan, A., Circu, M., Turcu, R., Benea, I.C., Peter, F. Enzymatic synthesis of short-chain flavor esters from natural sources using tailored magnetic biocatalysts, FOOD CHEMISTRY, Volume: 296, Pages: 1-8, PubMed ID: 31202292, ISSN: 0308-8146, eISSN: 1873-7072, 2019;	Usage Count (Since 2013): 109
19. Novaconi, S., Vlazan, P., Malaescu, I., Badea, I., Grozescu, I., Sfirloaga, P. Doped Bi <sub>2</sub> Te <sub>3</sub> 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
20. Erable, B., Duteanu, N.M., Ghangrekar, M.M., Dumas, C., Scott, K. Application of electro-active biofilms, BIOFOULING, Volume: 26, Issue: 1, Pages: 57-71, PubMed ID: 20390557, ISSN: 0892-7014, eISSN: 1029-2454, 2010.	Usage Count (Since 2013): 105

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