

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

### Polytechnic University of Timisoara ISI Papers TOP 20

Date: 21.03.2019

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| 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): 213 |
| 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): 193 |
| 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): 188 |
| 6. 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): 184 |
| 7. 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): 174 |
| 8. 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): 168 |
| 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): 161 |
| 10. Söpu, 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): 137 |

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| 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): 116 |
| 12. | Ungurean, L., Carstoiu, G., Micea, M.V., Groza, V. Battery state of health estimation: a structured review of models, methods and commercial devices, <i>INTERNATIONAL JOURNAL OF ENERGY RESEARCH</i> , Volume: 41, Issue: 2, Pages: 151-181, ISSN: 0363-907X, eISSN: 1099-114X, 2017;   | Usage Count (Since 2013): 111 |
| 13. | Sopu, D., Soyarslan, C., Sarac, B., Bargmann, S., Stoica, M., Eckert, J. Structure-property relationships in nanoporous metallic glasses, <i>ACTA MATERIALIA</i> , Volume: 106, Pages: 199-207, ISSN: 1359-6454, eISSN: 1873-2453, 2016;   | Usage Count (Since 2013): 109 |
| 14. | 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, <i>CENTRAL EUROPEAN JOURNAL OF CHEMISTRY</i> , Volume: 11, Issue: 10, Pages: 1599-1605, ISSN: 1895-1066, 2013;  | Usage Count (Since 2013): 108 |
| 15. | 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): 107 |
| 16. | 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): 105 |
| 17. | 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): 102 |
| 18. | 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 <sub>3</sub> O <sub>4</sub> 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): 99  |
| 19. | 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): 98  |
| 20. | 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  |

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