

REFERENCES

- [1] D. Saikia, C.C. Han, Y.W. Chen-Yang. *Journal of Power Sources* 185 (2008) 570–576
- [2] G. Katsaros, T. Stergiopoulos, I.M. Arabatzis, K.G. Papadokostaki, P. Falaras. *Journal of Photochemistry and Photobiology A: Chemistry* 149 (2002) 191–198
- [3] A. Furube, Z.S. Wang, K. Sunahara, K. Hara, R. Katoh, and M. Tachiya. *J. Am. Chem. Soc.* 132 (2010) 6614–6615
- [4] W. Li, J. Kang, X. Li, S. Fang, G. Wang, X. Xiao. *Journal Of Photochemistry & Photobiology A: Chemistry* 170 (2005) 1-6
- [5] S.Y. Cha, Y.G. Lee, M.S. Kang, Y.S. Kang. *Journal of Photochemistry & Photobiology A: Chemistry* 211 (2010) 193–196
- [6] O.A. Ileperuma, M.A.K.L. Dissanayake, S. Somasunderam, L.R.A.K. Bandara. *Solar Energy Materials & Solar Cells* 84 (2004) 117–124
- [7] U. Janciauskaite, R. Makuska. *Chemija* 2 (2008) 35-42
- [8] K. Wongchareea, V. Meeyooa, S. Chavadej. *Solar Energy Materials & Solar Cells* 91 (2007) 566–571
- [9] H. Chang, Y.J. Lo. *Solar Energy* 84 (2010) 1833-1837
- [10] P. Luo, H. Niu, G. Zheng, X. Bai, M. Zhang, W. Wang. *Spectrochimica Acta Part A* 74 (2009) 936–942
- [11] S.A. Mohamad, M.H. Ali, R. Yahya, Z.A. Ibrahim, A.K. Arof. *Ionics* (2007) 235–240
- [12] J.N.de Freitas, C. Longo, A.F. Nogueira, M.A. de Paoli. *Solar Energy Materials & Solar Cells* 92 (2008) 1110– 1114
- [13] E. Chatzivasiloglou, T. Stergiopoulos, A.G. Kontos, N. Alexis, M. Prodromidis, P. Falaras. *Journal of Photochemistry and Photobiology A: Chemistry* 192 (2007) 49–55
- [14] T. Suresh, J. Joseph, K.M. Son, R. Vittal, J. Lee, K.J. Kim. *Solar Energy Materials & Solar Cells* 91 (2007) 1313–1318
- [15] A.J. Bhattacharyya, M. Patel, S.K. Das. *Monatsh Chem* 140 (2009) 1001-1010
- [16] J.N. de Freitas, A.F. Nogueira, M.A. D. Paoli. *Journal of Materials Chemistry* 19 (2009) 5279-5294

- [17] T. Caruso, S. Capoleoni, E. Cazzanelli, R.G. Agostino, P. Villano and S. Passerini. *Ionics* 8 (2002) 36-43
- [18] B. Laik, L. Legrand, A. Chausse, R. Messina. *Electrochimica Acta* 44 (1998) 773-780
- [19] S. Ramesh, T.F. Yuen, C.J. Shen. *Spectrochimica Acta Part A* 69 (2008) 670–675
- [20] S.R. Majid, A.K. Arof. *Physica B* 390 (2007) 209-215
- [21] R.F.M.S. Marcondes, P.S. D'Agostini, J. Ferreira, E.M. Giroto, A. Pawlicka, D.C. Dragunski. *Solid State Ionics* 181 (2010) 586–591
- [22] T.L. Brown, H.E. Lemay, B.E. Bursten. (2006) *Chemistry: The Central Science*. Pearson Education, Inc., USA
- [23] N.M. Morni and A.K. Arof. *J. Power Sources* 77 (1999) 42–48
- [24] F. Goktepe, A. Bozkurt, S. T. Gunday. *Polymer International* 57 (2008) 133-138
- [25] A.M. Rocco, C.P. da Fonseca, R.P. Pereira. *Polymer* 43 (2003) 3601-3609
- [26] M.M. Silva, S.C. Barros, M.J. Smith, J.R. MacCallum. *Journal of Power Sources* 111 (2002) 52-57
- [27] S. Ramesh, L.J. Yi. *Ionics* 15 (2009) 725–730
- [28] D.K. Pradhan, R.N.P. Choudhary, B.K. Samantaray. *Int. J. Electrochem. Sci.*, 3 (2008) 597 – 608
- [29] E. Chatzivasiloglou, T. Stergiopoulos, A.G. Kontos, N. Alexis, M. Prodromidis, P. Falaras. *Journal of Photochemistry and Photobiology A: Chemistry* 192 (2007) 49–55
- [30] I. Aranaz, M. Mengíbar, R. Harris, I. Paños, B. Miralles, N. Acosta, G. Galed, Á. Heras. *Current Chemical Biology* 3 (2009) 203-230
- [31] N.M. Alves, J.F. Mano. *International Journal of Biological Macromolecules* 43 (2008) 401–414
- [32] V. Dodane, V.D. Vilivalam. PSTT Vol. 1, No. 6 September 1998
- [33] H. Sashiwa, N. Kawasaki, A. Nakayama, E. Muraki, N. Yamamoto, H. Zhu, H. Nagano, Y. Omura, H. Saimoto, Y. Shigemasa, S. Aiba. *Biomacromolecules* 3 (2002) 1120-1125

- [34] M.M. Issa, M. Koping-Hoggard, P. Artursson. *Drug Discovery Today: Technologies* 2 (1) 2005
- [35] M. Rinaudo. *Prog. Polym. Sci.* 31 (2006) 603–632
- [36] F. Renault, B. Sancey, P.M. Badot, G. Crini. *European Polymer Journal* 45 (2009) 1337–1348
- [37] P. Miretzkya, A. Fernandez Cirelli. *Journal of Hazardous Materials* 167 (2009) 10–23
- [38] R. Divakaran, V.N. S. Pillai. *Water Research* 38 (2004) 2135–2143
- [39] P. Lertsutthiwong, S. Sutti, S. Powtongsook. *Aquacultural Engineering* 41 (2009) 188–193
- [40] I.G. Lalov, I.I. Guerginov, M.A. Krysteva, K. Fartsov. *Water Research* 34 (2000) 1503–1506
- [41] N.M. El-Sawy, H.A.A. El-Rehim, A.M. Elbarbary, E.S.A. Hegazy. *Carbohydrate Polymers* 79 (2010) 555–562
- [42] Y.C. Li, X.J. Sun, Y. Bi, Y.H. Ge, Y. Wang. *Agricultural Sciences in China* 8 (2009) 597–604
- [43] P. Fernandez-Saiz, J.M. Lagaron, P. Hernandez-Muñoz, M.J. Ocio. *International Journal of Food Microbiology* 124 (2008) 13–20
- [44] M. García, R. Díaz, Y. Martínez, A. Casariego. *Food Research International* 43 (2010) 1656–1660
- [45] R. Cao, Q. Liu, B.Z. Yin, L.L. Zhu. *Innovative Food Science and Emerging Technologies* 11 (2010) 108–112
- [46] W. Klaypradit, Y.W. Huang. *LWT* 41 (2008) 1133–1139
- [47] M. Ye, H. Neetoo, H. Chen. *Food Microbiology* 25 (2008) 260–268
- [48] M.A. Krayukhina, N.A. Samoilova, I.A. Yamskov. *Russian Chemical Reviews* 77 (9) (2008) 799–813
- [49] A. Denuziere, D. Ferrier, O. Damour, A. Domard. *Biomaterials* 19 (1998) 1275–1285
- [50] J.J. Shieh, R.Y.M. Huang. *Journal of Membrane Science* 127 (1997) 185–202

- [51] G.S. Sailaja, P. Ramesh, T.V. Kumary, H.K. Varma. *Acta Biomaterialia* 2 (2006) 651–657
- [52] P. M. de la Torre, S. Torrado, S. Torrado. *Biomaterials* 24 (2003) 1459–1468
- [53] C. Hu, B. Li, R. Guo, H. Wu, Z. Jiang. *Separation and Purification Technology* 55 (2007) 327–334
- [54] T. Klotzbach, M. Watt, Y. Ansari, S.D. Minteer. *Journal of Membrane Science* 282 (2006) 276–283
- [55] G. F. Payne, S. R. Raghavan. *Soft Matter* 3 (2007) 521–527
- [56] Y. Wan, K.A.M. Creber, B. Peppley, and V.T. Bui. *Polymer* 44 (2003) 1057–1065
- [57] N. Bordenave, S. Grelier, V. Coma. *Biomacromolecules* 9 (2008) 2377–2382
- [58] D. Baril, C. Michot, M. Armand. *Solid State Ionics* 94 (1997) 35–47
- [59] P.Y. Bruice. *Organic Chemistry*. Pearson Education, Inc. United States (2004)
- [60] C. Qin, H. Li, Q. Xiao, Y. Liu, J. Zhu, Y. Du. *Carbohydrate Polymers* 63 (2006) 367–374
- [61] C.K.S. Pillai, Willi Paul, Chandra P. Sharma. *Progress In Polymer Science* 34 (2009) 641–678
- [62] H. Sashiwa, N. Kawasaki, A. Nakayama, E. Muraki, N. Yamamoto, H. Zhu, H.i Nagano, Y. Omura, H. Saimoto, Y. Shigemasa, S. Aiba. *Biomacromolecules* 3(2002) 1120–1125
- [63] K. Kurita. *Marine Biotechnology*, 8 (2006) 203–226
- [64] J.M. Zohuriaan. *Iranian Polymer Journal* 14 (2005) 253–265
- [65] N.T. An, D.T. Thien, N.T. Dong, P.L. Dung. *Carbohydrate Polymers* 75 (2009) 489–497
- [66] Z. Zong, Y. Kimura, M. Takahashi, H. Yamane. *Polymer* 41(2000) 899–906
- [67] Y. Wu, T. Seo, S. Maeda, T. Sasaki, S. Irie, K. Sakurai. *Journal of Polymer Science: Part B: Polymer Physics* 42 (2004) 4107–4115
- [68] R. Makuška, N. Gorochoceva. *Carbohydrate Polymer* 64 (2006) 319–327

- [69] G.A.F. Roberts, F.A. Wood. *Journal of Biotechnology* 89 (2001) 297–304
- [70] K. Kurita, H. Ikeda, M. Shimojoh, J. Yang. *Polymer Journal* 39 (2007) 945-952
- [71] D.K. Rout, S.K. Pulapura, R.A. Gross. *Biomolecules* 26 (1993) 5999-6006
- [72] F. Bian, L. Jia, W. Yu, M. Liu. *Carbohydrate Polymers*. 76 (2009) 454
- [73] Y. Torii, H. Ikeda, M. Shimojoh, K. Kurita. *Polymer Bulletin* 62 (2009) 749–759
- [74] X.L. Wang, Y. Huang, J. Zhu, Y.B. Pan, R. He, Y.Z. Wang. *Carbohydrate Research* 344 (2009) 801–807
- [75] R. Yoksan, M. Akashi, S. Biramontri, S. Chirachanchai. *Biomacromolecules* 2 (2001) 1038-1044
- [76] R. Yoksan, M. Matsusaki, M. Akashi, S. Chirachanchai. *Colloid Polymer Sci.* 282 (2004) 337-342
- [77] K. Kurita, H. Akao, J. Yang, M. Shimojoh. *Biomacromolecules* 4 (2003) 1264-1268
- [78] K. Kurita, K. Shimada, Y. Nishiyama, M. Shimojoh, S.I. Nishimura. *Macromolecules* 31 (1998) 4764-4769
- [79] X. Peng, L. Zhang. *Colloid and surfaces A: Physicochem. Eng. Aspects* 337 (2009) 21-25
- [80] S. Hao, J. Wu, Y. Huang, J. Lin. *Solar Energy* 80 (2006) 209–214
- [81] N.G. Park. *Korean J. Chem. Eng.* 27(2010) 375-384
- [82] H. Seo, M.K. Son, J.K. Kim, I. Shin, K. Prabakar, H.J. Kim. *Solar Energy Materials & Solar Cells* 95 (2011) 340-343
- [83] A.O.T. Patrocínio, L.G. Paterno, N.Y. Murakami Iha. *Journal of Photochemistry and Photobiology A: Chemistry* 205 (2009) 23–27
- [84] H. Yu, S. Zhang, H. Zhao, G. Will, P. Liu. *Electrochimica Acta* 54 (2009) 1319–1324
- [85] A. Castaneda-Ovando, M.D. Lourdes Pacheco-Hernandez, M.E. Paez-Hernandez, J.A. Rodriguez, C.A. Galan-Vidal. *Food Chemistry* 113 (2009) 859–871

- [86] J.M. Kong, L.S. Chia, N.K. Goh, T.F. Chia, R. Brouillard. *Phytochemistry* 64 (2003) 923–933
- [87] M. M. Giusti, R.E. Wrolstad. *Biochemical Engineering Journal* 14 (2003) 217–225
- [88] M. Rein. (2005). *Copigmentation reactions and color stability of berry anthocyanins*. Helsinki: University of Helsinki. 10–14
- [89] H. Chang, H.M. Wu, T.L. Chen, K.D. Huang, C.S. Jwo, Y.J. Lo. *Journal of Alloys and Compounds* 495 (2010) 606–610
- [90] T.M.W.J. Bandara, M.A.K.L. Dissanayake, B.E. Mellander. *Electrochimica Acta* 55 (2010) 2044–2047
- [91] S. Glinski, M. Bartczak, S. Oleksiak, A. Wolska, B. Gabara, M. Posmyk, K. Janas. *Ecotoxicology and Environmental Safety* 68 (2007) 343-350
- [92] S. Furukawa, H. Iino, T. Iwamoto, K. Kukita, S. Yamauchi. *Thin Solid Films* 518 (2009) 526–529
- [93] G. Calogero, G. Di Marco. *Solar Energy Materials & Solar Cells* 92 (2008) 1341– 1346
- [94] E. Yousif, A. Hameed, A. Kamil, Y. Farina, N. Asaad, A. Graisa. *Australian Journal of Basic and Applied Sciences* 3 (2009) 1786-1794
- [95] L. Liu, Y. Li, Y. Li, Y-E. Fang. *Carbohydrate Polymers* 57 (2004) 97-100
- [96] V.L. Finkenstadt. *Appl Microbiol Biotechnol* 67 (2005) 735-745
- [97] L.S. Ng, A.A. Mohamad. *Journal of Power Sources* 163 (2006) 382–385
- [98] K. Kurita, H. Ikeda, Y. Yoshida, M. Shimojoh, M. Harata. *Biomacromolecules* 3 (2002) 1-4
- [99] S.I. Nishimura, O. Kohgo, K. Kurita. *Macromolecules* 24 (1991) 4745-4748
- [100] S.C. Suri, S.L. Rodgers, K.V. Radhakshnan, V. Nair. *Synthetic Communications* 26 (1996) 1031-1039
- [101] A.M. Baruah, A. Karmakar, J.B. Baruah. *Polyhedron* 26 (2007) 4479–4488
- [102] S. Wang, J. Yu, W. Gao. *American journal of Biochemistry and Biotechnology* 1(2005) 207-211

- [103] M. Hema, S. Selvasekarapandian, D. Arunkumar, A. Sakunthala, H. Nithya. *Journal of Non-Crystalline Solids* 355 (2009) 84–90
- [104] A. K. Jonscher, J.M. Riau. *Journal of Materials Science* 13 (1978) 563-570
- [105] N. Tankovsky, E. Syrakov, K. Baerner. *Annuaire De L'universit E St. Kliment Ohridski, Facult E De Physique*, 98, 2005
- [106] M.Z.A. Yahya, A.K. Arof. *European Polymer Journal* 38 (2002) 1191–1197
- [107] R. Mishra, N. Baskaran, P.A. Ramakrishnan, K.J. Rao. *Solid state Ionics* 112 (1998) 261-273
- [108] K.P. Singh, P.N. Gupta. *European Polymer Journal* 34 (1998) 1023-1029
- [109] A.S.A. Khair, R. Puteh, A.K. Arof. *Physica B* 373 (2006) 23–27
- [110] D.K. Pradhan, R.N.P. Choudhary, B.K. Samantaray. *Materials Chemistry and Physics* 115 (2009) 557–561
- [111] S. Ramesh, A.H. Yahaya, A.K. Arof. *Solid State Ionics* 152–153 (2002) 291– 294
- [112] S. Ramesh, A.K. Arof. *Journal of Power Sources* 99 (2001) 41-47
- [113] X. Qian, N. Gu, Z. Cheng, X. Yang, E. Wang, S. Dong. *Electrochimica Acta* 46 (2001) 1829–1836
- [114] G. Govindaraj, N. Baskaran, K. Shahi, P. Monoravi. *Solid State Ionics* 76 (1995) 47-55
- [115] B.E. Mellander, I. Albinsson, in: B.V.R. Chowdari, M.A.K.L. Dissanayake, M.A. Careem (Eds.), *Solid State Ionics: New development*, *World Scientific*, Singapore, 1996, p. 83
- [116] N. Gogulamurali, S.A. Suthanthiraraj, P. Maruthamuthu, in: B.V.R. Chowdari, S. Chandra, S. Singh, P.C. Srivastava (Eds.), *Solid State Ionics: Materials and Applications*, *World Scientific*, Singapore, 1992, p. 373
- [117] http://en.wikipedia.org/wiki/Fill_factor retrieved on May 11, 2011
- [118] M.H. Buraidah, L.P. Teo, S.R. Majid, A.K. Arof. *Optical Materials* 32 (2010) 723-728

- [119] X. Xia, W. Ling, J. Ma, M. Xia, M. Hou, Q. Wang, H. Zhu, Z. Tang. *American Society for Nutrition J. Nutr.* 136 (2006) 2220-2225
- [120] M. Kumar, S.S. Sekhon, *European Polymer Journal* 38 (2002) 1297–1304
- [121] T. Tsujikawa, K. Yabuta, T. Matsushita, T. Matsushima, K. Hayashi, M. Arakawa. *Journal of Power Sources* 189 (2009) 429-434
- [122] C.P. Fonseca, M.A. Bellei, F.A. Amaral, S.C. Canobre, S. Neves. *Energy and Management* 50 (2009) 1556-1562