

## 參考文獻

- [1]葉信宏，李文錦，王宏杰，工業材料，146期 (1999) 80
- [2]黃鎮江，燃料電池，全華科技，台北(2003)
- [3]宋文順主編，化學電源工藝學，中國輕工業出版社，北京 (2000)
- [4]C.L.Mantell, Batteries and Energy Systems, McGraw-Hill, New York (1983)
- [5]David Linden, Handbook of Batteries, McGraw-Hill, New York (1995)
- [6]W.G.Sunu, and D.N.Bennion, J. Electrochem. Soc., 127 (1980) 2007
- [7]David Linden, Handbook of Batteries and Fuel Cells, McGraw-Hill, New York (1983)
- [8]J.R.Goldstein, and A.C.C.Tseung, Nature, 222 (1969) 869
- [9]Y.Matsumoto,H.Yoneyama, and H.Tamura, Bull.Chem.Soc.Jpn., 51 (1978) 1927
- [10]U.R.Evans, Nature, 218 (1968) 602
- [11]A.C.C.Tseung, and H.L.Bevan, Electroanalytical Chemistry and Interfacial Electrochemistry, 45 (1973) 429
- [12]Y.Matsumoto, and E.Sato,Electrochimica Acta, 25 (1980) 585
- [13]楊輝，盧文慶，應用電化學，科學出版社，北京 (2001)
- [14]J.O.M.Bockris, and T.Otagawa, J.Phys.Chem., 87 (1983) 2960
- [15]R.F.Scarr, J.Electrochem.Soc., 116 (1969) 1526
- [16]H.M.Zhang, Y.Shimizu, Y.Teraoka, N.Miura, and N.Yamazoe,J.Catal., 121 (1990) 432
- [17]F.Haber and J.Weiss, Proc. R. Soc.(Lond.), A147 (1934) 332
- [18]R.Gerischer and H.Gerischer, Z. Physik. Chem.(N.F.), 6 (1966) 1978
- [19]H.Falcon and R.E.Carbonio, J. Electroanal. Chem., 339 (1992) 69

- [20]P.Rasiyah, and A.C.C.Tseung, J.Electrochem.Soc., 129 (1982) 1724
- [21]P.Rasiyah, and A.C.C.Tseung, J.Electrochem.Soc., 130 (1983) 365
- [22]N.Fradette, and B.Marsan, J.Electrochem.Soc., 145 (1998) 2320
- [23]P.C.Foller, J.Appl.Electrochem., 16 (1986) 527
- [24]呂秉錚，「可機械充電式鋅空氣電池之電鍍鋅電極製程與其電化學行為之研究」，國立清華大學碩士論文 (2001)
- [25]Pourbaix, Marcel, Atlas of electrochemical equilibria in aqueous solutions, Houston, Texas (1974)
- [26]黃文魁等，「奈米材料於材料及化工產業之應用規劃」，工業技術研究院產業經濟與資訊服務中心 (2002)
- [27]余樹楨，晶體之結構與性質，渤海堂，台北 (1989)
- [28]M.P.Pechini, U.S.Pat., No. 3 330 697, Jul. 11 (1967)
- [29]林淑萍，「LaMnO<sub>3</sub>粉末之製備及其性質之研究」，國立成功大學碩士論文 (2001)
- [30]Y.Shimizu, K.Uemura, H.Matsuda, N.Miura, and N.Yamazoe, J. Electrochem.Soc., 137 (1990) 3430
- [31]J.H.Choy, and Y.S.Han., J.Mater.Chem., 7 (1997) 1815
- [32]劉霖錡，「鋅空氣電池空氣極的製備與性能」，私立逢甲大學碩士論文 (2003)
- [33]M.Watanabe, M.Tomikawa, and S.Motoo, J.Electroanal.Chem., 145 (1985) 81
- [34]K.Kinoshita, Carbon:electrochemical and physicochemical properties, Wiley-Interscience, New York (1988)

- [35]Y.Yang, and Y.Zhou, J.Electroanal.Chem., 397 (1995) 271
- [36]R.F.Scarr, J.Electrochem.Soc., 116 (1969) 1526
- [37]M.Maja, C.Orecchia, M.Strano, P.Tosco, and M.Vanni,Electrochimica Acta, 46 (2000) 423
- [38]N.Staud, and P.N.Ross, J.Electrochem.Soc., 131 (1984) 1742
- [39]J.Yang, and J.J.Xu, Electrochemistry Communications, 5 (2003) 306
- [40]A.I.Onuchukwu, J.Chem.Soc.Faraday, 80 (1984) 1447
- [41]L.Swette, and J.Giner, J Power Sources, 22 (1988) 399
- [42]H.Falcon, R.E.Carbonio, and J.L.G.Fierro, J. Catal., 203 (2001) 264
- [43]Y.Shimizu, H.Matsuda, N.Miura, and N.Yamazoe, Chem. Lett., (1992) 1033
- [44]林沛宏，「銅氧化物超導體 Tc 與銅氧面電洞之研究」，國立交通大學碩士論文 (2003)
- [45]王奕凱，邱宏明，李秉傑，非均勻系催化原理與應用，渤海堂，台北 (1988)
- [46]K.J.Laidler 著，反應動力學 - 溶液中的反應，華崗，台北 (1969)
- [47]蘇聖傑，「鋅 - 空氣電池陰極材料製備與特性分析」，國立台灣大學碩士論文 (2001)
- [48]S.Motoo, M.Watanabe, and N.Furuta, J.Electrochem.Soc., 160 (1984) 351
- [49]陳德蔭，「觸媒電極結構與其電化學特性的關連性分析」，私立元智大學碩士論文 (2003)

- [50]鄭慧雯，「鋅空氣電池之放電特性與鋅陽極回收研究」，國立清華大學碩士論文 (2001)
- [51]D.P.Gregory, Metal-Air Batteries, Mills & Boon, London (1972)
- [52]M.Kakihana, L.Borjesson, S.Eriksson, and P.Svedlindh, *J. Appl. Phys.*, 69 (1991) 867
- [53]S.P.Jiang, Z.G.Lin, and A.C.C.Tseung, *J.Electrochem.Soc.*, 137 (1990) 759
- [54]S.Muller, K.Striebel, and O.Haas, *Electrochimica Acta*, 39 (1994) 1661
- [55]陳陵援，吳慧眼，儀器分析，三民書局，台北 (1997)
- [56]伍秀菁等編輯，儀器總覽，國科會精儀中心，新竹 (1998)
- [57]Quantachrome Instruments, NOVA Win2/2-P Ver. 2.0 Operators Manual (2002)
- [58]閻子峰編著，納米催化技術，化學工業出版社，北京 (2003)
- [59]BaSyTec Battery Test System，Basytec多功能電位儀操作手冊 (2002)
- [60]S.Biamino, and C.Badini, *Journal of the European Ceramic Society*, 24 (2004) 3021
- [61]R.J.Wu, C.H.Hub, C.T.Yeh, and P.G.Su, *Sensors and Actuators B*, 96 (2003) 596
- [62]J.M.Heintz, and A.Dardant, *Physica C*, 290 (1997) 132
- [63]S.Ponce, M.A.Pena, and J.L.G.Fierro, *Applied Catalysis B*, 24 (2002) 193