

**PELAPORAN KEWANGAN MENERUSI INTERNET: INDEKS, TAHAP
PELAPORAN DAN FAKTOR PENENTUNYA**

Oleh

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**Tesis Diserahkan kepada Kolej Perniagaan,
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PENGAKUAN

“Saya akui karya ini adalah hasil kerja saya sendiri kecuali nukilan dan ringkasan yang tiap-tiap satunya telah saya jelaskan sumbernya.”

7 Januari 2010

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ABSTRAK

Penyelidikan ini mengkaji perhubungan di antara tahap pelaporan kewangan menerusi Internet (PKMI) dengan faktor kontingensi dan karakter spesifik syarikat. PKMI diwakili oleh dimensi kandungan, dimensi pembentangan dan indeks keseluruhan PKMI. Kajian ini didorong oleh hasil penelitian literatur yang mendapat bahawa kajian-kajian lepas telah melaporkan hasil penemuan yang tidak konsisten berkaitan dimensi yang digunakan untuk mengetahui tahap PKMI. Keadaan ini telah mendorong wujudnya satu aliran kajian baru yang mencadangkan kepada perlunya pengkaji mengambil kira pemboleh ubah lebih terperinci bagi menjelaskan faktor penentu bagi praktis PKMI. Oleh yang demikian, kajian ini mengintegrasikan literatur PKMI, literatur faktor kontingensi dan literatur pelaporan kewangan dengan mengkaji faktor kontingensi dan karakter spesifik syarikat. Faktor kontingensi telah dibincangkan secara meluas oleh ahli-ahli perakaunan pengurusan sebagai pemboleh ubah yang penting bagi tujuan perlaksanaan strategi perniagaan. Daripada penelitian literatur PKMI, dua faktor bagi faktor kontingensi dan sepuluh faktor bagi karakter spesifik syarikat telah dikenal pasti. Karakter spesifik syarikat kajian pula telah diukur menggunakan tiga pemboleh ubah utama iaitu: struktur, prestasi dan pasaran. Kajian mendapatkan pandangan daripada penyedia laporan tahunan berhubung item yang perlu ada dalam senarai semakan indeks PKMI. Bersesuaian dengan ciri-ciri organisasi kajian, persampelan secara rawak telah digunakan. Sebanyak 68 soal selidik telah dikembalikan dan digunakan untuk dianalisis mewakili 15.11 peratus daripada keseluruhan 450 soal selidik yang diedarkan. Kadar pulangan soal selidik yang diterima adalah mencukupi, iaitu selaras dengan beberapa kajian terdahulu. Data kajian telah dikumpul daripada 182 buah syarikat yang tersenarai di papan utama Bursa Malaysia bagi tujuan analisis regresi berganda. Hasil kajian menunjukkan bahawa sejumlah 87 item daripada 155 item dikenal pasti sebagai asas pengukuran untuk mengetahui tahap PKMI bagi syarikat yang tersenarai di papan utama Bursa Malaysia. Hasil kajian mendapat bahawa purata tahap PKMI ialah 65.10 dengan nilai minimum dan maksimum masing-masing 48.27 dan 78.16. Berdasarkan analisis regresi berganda, keputusan kajian mendapat bahawa tiga ciri utama syarikat iaitu saiz syarikat, tempoh penyenaraian dan pulangan atas ekuiti mempengaruhi secara signifikan tahap PKMI. Hasil kajian turut menunjukkan bahawa wujud hubungan negatif antara nisbah keberuntungan dengan dimensi kandungan dan indeks keseluruhan PKMI. Kajian ini memberi maklumat penting kepada pembuat piawaian perakaunan, penggubal dan pihak berautoriti bagi membentuk satu garis panduan yang boleh diterima pakai oleh syarikat yang tersenarai di Bursa Malaysia berhubung praktis menyalurkan maklumat kewangan di dalam laman web syarikat. Hasil kajian ini juga diperlukan oleh penyelidik lain, para pengurus dan para pelabur yang pada masa kini sedang atau merancang untuk menggunakan maklumat kewangan bagi membuat keputusan pelaburan yang lebih rasional. Kesimpulannya, hasil kajian ini telah menyumbang kepada peningkatan kefahaman terhadap subjek utama kajian dan yang lebih penting lagi ia turut menyumbang kepada perkembangan dan pengukuhan teori dalam bidang PKMI.

ABSTRACT

The purpose of this study is to investigate the relationship between Internet Financial Reporting (IFR) with contingency factors and firm specific characteristics. IFR is represented by dimension of content, dimension of presentation and overall index of IFR. This study is motivated by the inconsistent findings concerning dimensions used to represent IFR as appeared in the contemporary literature. Due to the inconsistencies in the findings, a new research stream emerged. The research stream suggests future researchers to investigate in more detail variables that can clarify the determinants of IFR practices. Therefore, this study integrates the IFR literature, contingency literature and financial reporting literature through the investigation of the contingency factors and firm specific characteristics. Contingency factors have been widely discussed in management accounting literature as important variables for the purpose of strategy implementation. In this study, two contingency factors and ten firm specific characteristics had been identified from the financial disclosure literature. Firm specific characteristics were measured by using three main variables, namely: structure, performance and market. This study obtained responses from the preparers of annual reports in relation with the items that should be included in the checklist of IFR index. Random sampling was used in selecting the sample of the study with the characteristics of the Malaysian preparers accordingly. Out of 450 questionnaires distributed, 68 questionnaires (15.11%) were returned and used for further analysis. The response rate was considered sufficient as it was paralleled with responses from previous studies. In addition, data was collected from 182 companies listed in the main board of Bursa Malaysia for the purpose of multiple regression analysis. This study found that 87 out of 155 items were identified as a basic measurement to determine the level of IFR among the listed companies in main board of Bursa Malaysia. The study found that a mean score of IFR is 65.10 with the highest score of 78.16 and the lowest score of 48.27. Based on multiple regressions analysis, the findings showed that three main firm specific characteristics influenced the level of IFR i.e. firm size, listing period and return on equity. The findings also showed that there was a negative relationship between profitability ratio and dimension of content and overall index of IFR. This study provides important implication for accounting standard setters, regulators and authority bodies in developing a guideline for practicing disseminate financial information through company websites. These findings should be of interest to other researchers, and to managers and investors who currently use or plan to use financial information in making rational investment decisions. In conclusion, findings from this study have contributed to the enhancement of the understanding on the subject matter and more importantly it also contributes to the development and affirmation of theories in the field of IFR.

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DAFTAR SINGKATAN PERKATAAN

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|--------|---|
| AIMR | Association for Investment Management and Research |
| BSKL | Bursa Saham Kuala Lumpur |
| CI | Condition Index |
| CICA | Canadian Institute of Chartered Accountants |
| EDGAR | Electronic Data Gathering, Analysis and Retrieval |
| FASB | Financial Accounting Standards Board |
| FRS | Financial Reporting Standards |
| FSE | Frankfurt Stock Exchange |
| GCC | Gulf Co-operation Council |
| GOF | Goodness of Fit |
| HTML | Hypertext Mark-up Language |
| IASB | International Accounting Standards Board |
| IASC | International Accounting Standards Committee |
| ICAEW | Institute of Chartered Accountants in England and Wales |
| ICT | Teknologi Maklumat dan Komunikasi |
| IFAC | International Federation of Accountants |
| IFR | Internet Financial Reporting |
| IKS | Industri Kecil dan Sederhana |
| KPK | Ketua Pegawai Kewangan |
| LSE | London Stock Exchange |
| MASB | Malaysian Accounting Standards Board |
| MD | Mahalanobis Distance |
| MESDAQ | Malaysian Exchange of Securities Dealing & Automated Quotation Berhad |
| MIA | Malaysian Institute of Accountants |
| MKSPKK | Model Kontingensi Sistem Pelaporan Kewangan Korporat |
| NASDAQ | National Association of Securities Dealers Automated Quotations |
| NZSE | New Zealand Stock Exchange |
| OECD | Organisation for Economic Co-operation and Development |
| PDF | Port Document Format |

| | |
|------|---|
| PKMI | Pelaporan Kewangan menerusi Internet |
| SC | Securities Commission |
| SEC | U.S. Security and Exchange Commission's |
| SPSS | Statistical Package for Social Science |
| VIF | Variance Inflation Factor |
| WWW | World Wide Web |

BAB 1

PENGENALAN

1.1 Latar Belakang

Pembangunan pesat teknologi maklumat dan komunikasi (ICT) telah mengubah cara syarikat menyampaikan maklumat kepada pemegang saham, pelanggan, pembekal dan lain-lain pengguna (Bonson & Escobar, 2006). Internet telah muncul sebagai platform komunikasi pilihan bagi penyebaran maklumat di kalangan syarikat korporat bermula sekitar tahun 1990-an dan pengunaannya semakin berkembang. Kini, kewujudan laman web syarikat telah menjadi medium yang penting bagi tujuan pelaporan korporat (Trabelsi, Labelle & Laurin, 2004). Contohnya, laman web telah digunakan oleh syarikat untuk memberitahu maklumat korporat kepada para pelabur di seluruh dunia (Abdelsalam & Street, 2007), mempromosikan identiti korporat (Poon, Li & Yu, 2003; Topalian, 2003), menyampaikan maklumat mengenai organisasi dan aktivitinya (Chan & Wickramasinghe, 2006; Sriram & Lakshmana, 2006) dan menyampaikan maklumat kewangan kepada pemegang saham, pelabur dan pihak lain yang berkepentingan (Hodge & Pronk, 2006; Abdelsalam & El-Masry, 2008).

Hasil kajian lepas menunjukkan banyak syarikat di seluruh dunia telah menerbitkan maklumat kewangan korporat menerusi Internet (Lymer, Debreceny, Gray & Rahman, 1999; FASB, 2000; Oyelere, Laswad & Fisher, 2003; Marston & Polei, 2004; Ali Khan, Bajaher & Ismail, 2007). Peningkatan ketara bilangan syarikat yang melaporkan maklumat kewangan menerusi Internet telah memberi impak yang besar kepada perundangan, kewangan, kerangka perakaunan dan sistem (Khan, 2006). Sehubungan dengan itu, Internet telah

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RUJUKAN

- Ab. Manan, L.M. (2002). *Kajian Hubungan antara Ciri-Ciri Syarikat dengan Kualiti Pelaporan Maklumat*. Unpublished master thesis. Universiti Kebangsaan Malaysia.
- Ab. Manan, L.M., & Mohd Iskandar, T. (2003). Kualiti Pelaporan Maklumat Syarikat-syarikat di Bursa Saham Kuala Lumpur. *Jurnal Pengurusan*, 22, 27-45.
- Abas, Z. (1999). *Budgetary Slack in Total Quality Management Environment*. Unpublished doctoral dissertation, Universiti Utara Malaysia, Sintok, Kedah.
- Abd Aziz, N.H., Mohd Iskandar, T., & Mohd Saleh, N. (2006). Pengurusan Perolehan: Peranan Kualiti Audit Dan Urus Tadbir Korporat. *International Journal of Management Studies*, 13(Special Issue), 163-188.
- Abd. Ghaffar, M.S. (2001). An Empirical Investigation into the Determinants of Firms' Disclosure Practices. Unpublished master dissertation, Universiti Teknologi MARA, Shah Alam, Selangor.
- Abd. Ghaffar, M.S., Ibrahim, M.K., & Mohd Zain, M. (2004). An Investigation of Voluntary Disclosure in Annual Reports: The Malaysian Case. In Kamaruddin, K.A., Ibrahim, M.K., & Mohamed Zain, M. (Ed.), *Financial Reporting in Malaysia: Some Empirical Evidence* (pp. 52-76). Kuala Lumpur: Utusan Publications & Distributors Sdn. Bhd.
- Abdelsalam, O.H., Bryant, S.M., & Street, D.L. (2007). An Examination of Comprehensiveness of Corporate Internet Reporting Provided by London-Listed Companies. *Journal of International Accounting Research*, 6(2), 1-33.
- Abdelsalam, O.H., & El-Masry, A. (2008). The impact of board independence and ownership structure on the timeliness of corporate internet reporting of Irish-listed companies. *Managerial Finance*, 34(12), 907-918.
- Abdelsalam, O.H., & Street, D.L. (2007). Corporate governance and the timeliness of corporate internet reporting by U.K. listed companies. *Journal of International Accounting, Auditing and Taxation*, 16, 111-130.
- Abdul Hamid, F.Z. (2005). Malaysian companies' use of the internet for investor relations. *Corporate Governance: The International Journal of Business in Society*, 5(1), 5-14.
- Abdul Hamid, F.Z., & Md Salleh, M.S. (2005). The Determinants of the Investor Relations Information in the Malaysian Companies' Website. *Corporate Ownership & Control*, 3(1), 173-185.
- Abdul Hamid, F.Z., Md Salleh, M.S., & Mohamad, R. (2006), A survey of the use of internet for the investor relations by the Malaysian and Singapore firms. Unpublished Research Report. Sintok, Malaysia: Universiti Utara Malaysia, School of Accounting.
- Abdul Talib, Y.Y., & Sulaiman, A.J. (2006). Electronic Government in Malaysia: Evaluating Federal Government Website. Paper presented at *International Conference on E-Commerce (ICoEC) 2006*, the Gurney Resort Hotel & Residents, Penang, September 19-20, 2006.
- Abdullah, M. (1992). *Pengenalan Kaedah Ekonometrik*. Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Abdullah, M. (1994). *Analisis Regresi*. Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Abu-Nassar, K., & Rutherford, B.A. (1996). External users of financial reports in less developed countries: the case of Jordan. *British Accounting Review*, 28(1), 73-87.

- Adhikari, A., & Tondkar, R.H. (1992). Environmental Factors Influencing Accounting Disclosure Requirements of Global Stock Exchanges. *Journal of International Financial Management and Accounting*, 4(2), 75-105.
- Ahmad, H., Ismail, M.S., & Ariffin, N. (2004). Internet Reporting by State Satutory Bodies in Malaysia. Unpublished Research Report. Sintok, Malaysia: Universiti Utara Malaysia, School of Accounting.
- Ahmed, K. (1996). Disclosure Policy Choice and Corporate Characteristics: A Study of Bangladesh. *Asia-Pacific Journal of Accounting*, June, 183-203.
- Ahmed, K., & Courtis, J. (1999). Associations Between Corporate Characteristics on Disclosure Levels in Corporate Annual Reports: A Meta-Analysis. *British Accounting Review*, 31, 35-61.
- Ahmed, K., & Nicholls, D. (1994). The Impact of Non-Financial Company Characteristics on Mandatory Disclosure Compliance in Developing Countries: The Case of Bangladesh. *International Journal of Accounting*, 29, 62-77.
- Akhtaruddin, M. (2005). Corporate mandatory disclosure practices in Bangladesh. The *International Journal of Accounting*, 40, 399-422.
- Al Arussi, A.S., Selamat, M.H., & Mohd Hanefah, M. (2009). Determinants of financial and environmental disclosures through the internet by Malaysian companies. *Asian Review of Accounting*, 17(1), 59-76.
- Alarussi, A.S., & Selamat, M.H. (2007). Determinants of financial and environment disclosure on the Internet by Malaysian public listed companies. Paper presented at *Accounting Studies International Conference 2007*, Kuala Lumpur, October 30-31, 2007.
- Ali, H. (2001). *Ekonometrik Asas*. Sintok: Penerbit Universiti Utara Malaysia.
- Ali Khan, M.N.A. (2009, Mac). Pelaporan Internet dan Model Kontingensi. *Dewan Ekonomi*, 16(3), 43-45.
- Ali Khan, M.N.A., Bajaher, M.S.A., & Ismail, N.A. (2007). Internet Financial Reporting by Saudi Listed Companies. *Journal of Muamalat and Islamic Finance Research*, 4(1), 105-128.
- Ali Khan, M.N.A., & Ismail, N.A. (2006). Penggunaan internet dalam menyalurkan maklumat korporat. *Jurnal Kemanusiaan*, 9, 25-37.
- Ali Khan, M.N.A., & Ismail, N.A. (2008, December). Kepentingan Item Pelaporan Kewangan Menerusi Internet: Satu Kajian Awal. Paper presented at *National Management Conference* (NAMAC) 2008, Primula Beach Resort, Kuala Terengganu, Terengganu, December 13-14, 2008.
- Allam, A., & Lymer, A. (2003). Development in Internet Financial Reporting: Review and Analysis Across Five Developed Countries. *The International Journal of Digital Accounting Research*, 3(6), 165-199.
- Allison, P.D. (1999). *Multiple regression: A primer*. UK: Pine Forge Press.
- Alrazi, B. (2006). *Comparing Environmental Reporting Practices among Malaysian companies in 1999 and 2003: An Investigation of Quantity and Quality*. Unpublished master's thesis, International Islamic University of Malaysia, Gombak.
- Alsaeed, K. (2005). The Association Between Firm-Specific Characteristics and Disclosure: The Case of Saudi Arabia. *Journal of American Academy of Business, Cambridge*, 7(1), 310-321.

- Alsaeed, K. (2006). The association between firm-specific characteristics and disclosure: The case of Saudi Arabia. *Managerial Auditing Journal*, 21(5), 476-496.
- Amir, E., & Lev, B. (1996). Value-relevance of nonfinancial information: The wireless communications industry. *Journal of Accounting and Economics*, 22(1-3), 3-30.
- Anderson, R.C., & Reeb, D.M. (2003). Founding-Family Ownership and Firm Performance: Evidence from the S&P 500. *Journal of Finance*, 58(3), 1301-1328.
- Ashbaugh, H., Johnstone, K.M., & Warfield, T.D. (1999). Corporate Reporting on the Internet. *Accounting Horizons*, 13(3), 241-257.
- Atan, R., Mohamed, N., & Yatim, N. (2000). E-Reporting of Corporate Financial Information. Web-based Financial Reporting in Malaysia, Paper presented at *Seminar on Accounting and Information Technology*, Convention Centre, Universiti Utara Malaysia, November 13-14, 2000.
- Atkinson, A.A., Bunker, R.D., Kaplan, R.S., & Young, S.M. (1995). *Management Accounting*. New Jersey: Prentice-Hall Inc.
- “Audit group urges framework to monitor financial reporting process” dlm. The Star, 13 Mei 2009.
- Ayob, A.M. (2005). *Kaedah Penyelidikan Sosioekonomi* (3rd ed.). Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Babbie, E. (2004). *The Practice of Social Research* (10th ed.). Belmont, CA: Wadsworth.
- Ball, R., & Foster, G. (1982). Corporate financial reporting: a methodological review of empirical research. *Journal of Accounting Research*, 20(Supplement), 161-234.
- Banks, W., Fischer, J., & Nelson, M. (1997). University Accountability in England, Wales, and Northern Ireland: 1992-1994. *Journal of International Accounting Auditing & Taxation*, 6(2), 211-226.
- Barac, K. (2004). Financial reporting on the internet in South Africa. *Meditari Accountancy Research*, 12(1), 1-20.
- Barako, D.G., Rusmin, R., & Tower, G. (2008). Web communication: An Indonesian perspective. *African Journal of Business Management*, 2(3), 53-58.
- Barret, M.E. (1976). Financial Reporting Practices: Disclosure and Comprehensiveness in an International Setting. *Journal of Accounting Research*, 14(1), 10-26.
- Bar-Yosef, S., & Livnat, J. (1984). Auditor selection: An incentive signalling approach. *Accounting and Business Research*, 14(56), 301-309.
- Bausell, R.B. (1986). *A Practical Guide To Conducting Empirical Research*. USA: Harper & Row Publishers.
- Becker, C., Defond, M., Jiambalvo, J., & Subramanyam, K. (1998). The effect of audit quality on earnings management. *Contemporary Accounting Issues*, Spring, 1-24.
- Bettis, R.A., & Hall, W.K. (1982). Diversification Strategy, Accounting Determined Risk, and Accounting Determined Return. *Academic of Management Journal*, 25(2), 254-264.
- Bettis, R.A., & Mahajan, V. (1985). Risk/Return Performance of Diversified Firms. *Management Science*, 31(7), 785-799.
- Black, J.A., & Champion, D.J. (1976). *Method and Issues in Social Research*. New York: John Wiley & Son.
- Bonson, E., & Escobar, T. (2002). A Survey on Voluntary Disclosure on the Internet: Empirical Evidence from 300 European Union Companies. *The International Journal of Digital Accounting Research*, 2(1), 27-51.

- Bonson, E., & Escobar, T. (2006). Digital reporting in Eastern European: An empirical study. *International Journal of Accounting Information System*, 7, 299-318.
- Botosan, C.A. (1997). Disclosure level and the cost of equity capital. *The Accounting Review*, 72(3), 323-349.
- Botosan, C.A. (2006). Disclosure and the cost of capital: what do we know?. *Accounting and Business Research, International Accounting Policy Forum*, 31-40.
- Bowman, E.H. (1980). A Risk/Return Paradox for Strategic Management. *Sloan Management Review*, 21(3), 17-31.
- Breenan, N., & Kelly, S. (2000). Use of the Internet by Irish Companies for Investors Relations Purposes. *Accountancy Ireland*, 32(4), 23-25.
- Brennan, N., & Hourigan, D. (1998). Corporate Reporting on the Internet by Irish Companies. *Accountancy Ireland*, 30(6), 18-21.
- Brennan, N., & Hourigan, D. (2000). Corporate reporting on the internet by Irish companies. *Irish Accounting Review*, 7(1), 37-68.
- BSKL. (2002). Annual Companies Handbook, 26(2). Bursa Saham Kuala Lumpur.
- Bubzy, S.L. (1975). Company Size, Listed Versus Unlisted Stocks and the Extent of Financial Disclosure. *Journal of Accounting Research*, 13(Spring), 16-37.
- Bue, G.T., Hassan, M.S., & Md Nor, H. (2008). Kerelevanan Nilai Pelaporan Segmen di Malaysia. *Jurnal Pengurusan*, 27, 21-47.
- Bursa Malaysia. 2009. Main Market Listing Requirement. Retrieved August 17, 2009, from http://www.bursamalaysia.com/website/bm/regulation/rules/listing_requirements/
- Bursa Malaysia. 2009. SC & Bursa Malaysia launch new fund-raising framework & board structure - more efficient access to capital & investment. Retrieved May 8, 2009, from http://www.bursamalaysia.com/website/bm/media_centre/media_releases.html/
- Calvo-Mora, A., Leal, A., & Roldan, J.L. (2006). Using enablers of the EFQM model to manage institutions of higher education. *Quality Assurance in Education*, 14(2), 99-122.
- Camfferman, K., & Cooke, T.E. (2002). An Analysis of Disclosure in the Annual Reports of U.K. and Dutch Companies. *Journal of International Accounting Research*, 1, 3-30.
- Celik, O., Ecer, A., & Karabacak, H. (2006). Impact of Firm Specific Characteristics on the Web Based Business Reporting: Evidence from the Companies Listed in Turkey. *Problems and Perspectives in Management*, 4(3), 100-133.
- Cerf, A.R. (1961). *Corporate Reporting and Investment Decisions*. University of California Press.
- Chalmers, K., & Godfrey, J. (2004). Reputation costs: the impetus for voluntary derivative financial instrument reporting. *Accounting, Organizations and Society*, 29, 95-125.
- Chan, W.K., & Wickramasinghe, N. (2006). Using the internet for financial disclosure: the Australian experience. *International Journal Electronic Finance*, 2(1), 118-150.
- Chatterjee, B., & Hawkes, L. (2008). Does Internet Reporting Improve The Accessibility Of Financial Information In A Global World? A Comparative Study Of New Zealand And Indian Companies. *The Australasian Accounting Business & Finance Journal*, 2(4), 33-56.
- Chatterjee, S., Hadi, A.S., & Price, B. (2000). *Regression Analysis By Example* (3rd ed.). USA: John Wiley & Sons, Inc.
- Chau, G.K., & Gray, S.J. (2002). Ownership structure and corporate voluntary disclosure in Hong Kong and Singapore. *The International Journal of Accounting*, 37, 247-265.

- Chavent, M., Ding, Y., Fu, L. Stolowy, H., & Wang, H. (2006). Disclosure and Determinants Studies: An Extension Using the Divisive Clustering Method (DIV). *European Accounting Review*, 15(2), 181-218.
- Chenhall, R.H. (2003). Management control systems design within its organizational context: findings from contingency-based research and directions for the future. *Accounting, Organizations and Society*, 28(2/3), 127-168.
- Choi, F.D.S. (1973). Financial Disclosure and Entry to the European Capital Market. *Journal of Accounting Research*, 11(2), 159-175.
- Choi, F.D.S., & Mueller, G.G. (1984). *International Accounting*. Prentice-Hall.
- Chow, C.W. (1982). The Demand for External Auditing: Size, Debt and Ownership Influences. *The Accounting Review*, 57(2), 272-302.
- Chow, C.W., & Wong-Boren, A. (1987). Voluntary Financial Disclosure by Mexican Corporations. *The Accounting Review*, 62(3), 533-541.
- Chua, Y.P. (2006). *Kaedah dan Statistik Penyelidikan Kaedah Penyelidikan Buku 1*. McGraw-Hill (Malaysia) Sdn. Bhd.
- Churchill, G.A.Jr. (1979). A paradigm for developing better measures of marketing constructs. *Journal of Marketing Research*, 16, 64-73.
- Coakes, S.J., & Steed, L.G. (2007). *SPSS version 14 for Windows: Analysis without Anguish*. Australia: John & Wiley Sons.
- Cooke, T.E. (1989). Disclosure in the Corporate Annual Reports of Swedish Companies. *Accounting and Business Research*, 19(74), 113-124.
- Cooke, T.E. (1991). An Assessment of Voluntary Disclosure in the Annual Reports of Japanese Corporations. *International Journal of Accounting*, 26, 174-189.
- Cooke, T.E. (1992). The Impact of Size, Stock Market Listing and Industry Type on Disclosure in Annual Reports of Japanese Listed Corporation. *Accounting and Business Research*, 22(87), 229-237.
- Cooke, T.E. (1993). Disclosure in Japanese Corporate Annual Reports. *Journal of Business Finance and Accountancy*, 20(4), 521-535.
- Cooke, T.E., & Wallace, R.S.O. (1989). Global Surveys of Corporate Disclosure Practices and Audit Firms: A Review Essay. *Accounting and Business Research*, 20(77), 47-57.
- Cooper, D.R., & Schindler, P.S. (2006). *Business research method* (9th ed.). New York: McGraw-Hill/Irwin.
- Copeland, R.M., & Fredericks, W. (1968). Extent of disclosure. *Journal of Accounting Research*, 6(1), 106-113.
- Coy, D., & Dixon, K. (2004). The public accountability index: crafting a parametric disclosure index for annual reports. *The British Accounting Review*, 36, 79-106.
- Coy, D., Tower, G., & Dixon, K. (1993). Quantifying the Quality of Tertiary Education Annual Reports. *Accounting and Finance*, 33, 121-129.
- Craig, R., & Diga, J. (1998). Corporate accounting disclosure at ASEAN. *Journal of International Financial Management and Accounting*, 9(3), 246-273.
- Craswell, A.T., & Taylor, S.L. (1992). Discretionary disclosure of reserves by oil and gas companies: An economic analysis. *Journal of Business Finance and Accounting*, 19(2), 295-308.
- Craven, B.M., & Marston, C.L. (1999). Financial reporting on the Internet by leading UK companies. *The European Accounting Review*, 8(2), 321-333.

- Curuk, T. (2008). An analysis of the companies' compliance with the EU disclosure requirements and corporate characteristics influencing it: A case of Turkey. *Critical Perspectives on Accounting*. Retrieved August 6, 2008, from doi:10.1016/j.cpa.2007.05.003.
- Dakian, M. (2006, Disember). Etika Penggunaan Internet di Kalangan Remaja. *Sinar Rohani*, 43, 33-35.
- Davey, H., & Hamkajohn, K. (2004). Corporate Internet Reporting: An Asian Example. *Problems and Perspectives in Management*, 2, 211-227.
- DeAngelo, L.E. (1981). Auditor Size and Audit Quality. *Journal of Accounting and Economics*, 3(3), 183-199.
- Debreceny, R., Gray, G.L., & Rahman, A. (2002). The determinants of internet financial reporting. *Journal of Accounting and Public Policy*, 21(4-5), 371-394.
- Deegan, C., & Hallam, A. (1991). The voluntary presentation of value added statements. *Accounting and Finance*, 31(1), 1-21.
- Deller, D., Stubenrath, M., & Weber, C. (1999). A Survey on the Use of the Internet for Investor Relations in the USA, the UK and Germany. *The European Accounting Review*, 8(2), 351-364.
- Depoers, F. (2000). A cost-benefit study of voluntary disclosure: some empirical evidence from French listed companies. *The European Accounting Review*, 9(2), 245-263.
- Dielman, T.E. (2005). *Applied Regression Analysis*. Belmont, CA, USA: Thomson Learning.
- Donaldson, L. (2000). *The Contingency Theory of Organization*. London: Sage Publishing Co.
- Dumontier, P., & Raffournier, B. (1998). Why Firms Comply Voluntarily with IAS: an Empirical Analysis with Swiss Data. *Journal of International Financial Management and Accounting*, 9(3), 216-245.
- Dutta, P., & Bose, S. (2007). Web-based Corporate Reporting in Bangladesh: An Exploratory Study. *The Cost & Management*, 35(6), 29-45.
- Entwistle, G.M. (1999). Exploring the R&D disclosure environment. *Accounting Horizons*, 13(4), 323-341.
- Ettredge, M., & Gerdes, J. (2005). Timeliness of investor relations data at corporate websites. *Communications of the ACM*, 48(1), 95-100.
- Ettredge, M., Richardson, V.J., & Scholz, S. (2001). The presentation of financial information at corporate Web sites. *International Journal of Accounting Information Systems*, 2, 149-168.
- Ettredge, M., Richardson, V.J., & Scholz, S. (2002). Dissemination of information for investors at corporate Web sites. *Journal of Accounting and Public Policy*, 21, 357-369.
- Ezat, A., & El-Masry, A. (2008). The impact of corporate governance on the timeliness of corporate internet reporting by Egyptian listed companies. *Managerial Finance*, 34(12), 848-867.
- Fama, E.F., & Jensen, M.C. (1983). Separation of ownership and control. *Journal of Law and Economics*, 25, 301-325.
- FASB. (2000). *Business reporting research project: Electronic distribution of business reporting information*. Steering Committee Report Series. Financial Accounting Standards Board.

- FASB. (2001). *Improving business reporting: Insights into enhancing voluntary disclosures*. Financial Accounting Standards Board.
- Fekrat, M.A., Inclan, C., & Petroni, D. (1996). Corporate Environmental Disclosures: Competitive Disclosure Hypothesis Using 1991 Annual Report Data. *International Journal of Accounting*, 31(2), 175-195.
- Ferguson, M.J., Lam, K.C.K., & Lee, G.M. (2002). Voluntary Disclosure by State-owned Enterprise Listed on the Stock Exchange of Hong Kong. *Journal of International Financial Management and Accounting*, 13(2), 125-152.
- Field, A. (2005). *Discovering Statistics Using SPSS* (2nd ed.). London: Sage Publications.
- Figgenbaum, A., & Thomas, H. (1986). Dynamic and Risk Measurement Perspectives on Bowman's Risk-Return Paradox for Strategic Management: An Empirical Study. *Strategic Management Journal*, 7(5), 395-407.
- Firer, G., & Meth, G. (1986). Information Disclosure in Annual Reports in South Africa. *Omega International Journal of Management Science*, 14(5), 373-382.
- Firth, M. (1979). The impact of size, stock market listing and auditors on voluntary disclosure in corporate annual reports. *Accounting and Business Research*, 9(36), 273-280.
- Firth, M. (1980). Raising Finance and Firms' Corporate Reporting Policies. *Abacus*, June, 100-115.
- Flynn, G., & Gowthorpe, C. (1997, July). *Volunteering financial data on the World Wide Web. A study of financial reporting from a stakeholder perspective*. Paper presented at the 1st Financial Reporting and Business Communication Conference, Cardiff, 3/4.
- Ford, J.K. (1981). *A Framework For Financial Analysis*. New Jersey, USA: Prentice-Hall.
- Ford, R.C., Armandi, B.R., & Heaton, C.P. (1988). *Organization Theory: An Integrative Approach*. Harper & Row, New York, NY.
- Forza, C. (2002). Survey research in operations management: a process-based perspective. *International Journal of Operations & Production Management*, 22(2), 152-194.
- Fraser, L.M., & Ormiston, A. (2007). *Understanding Financial Statements* (8th ed.). New Jersey, USA: Prentice Hall.
- Galbraith, J. (1973). *Designing Complex Organizations*. Addison-Wesley, Reading, MA.
- Galbraith, J. (1977). *Organisational Design*. Addison-Wesley, Reading, Mass.
- George, D., & Mallory, P. (2003). *SPSS for windows step by step: A simple guide and reference 11.0 update* (4th ed). Boston: Allyn & Bacon.
- Gibbins, M., McCracken, S.A., & Salterio, S.S. (2007). The Chief Financial Officer's Perspective on Auditor – Client Negotiations. *Contemporary Accounting Research*, 24(2), 387-422.
- Giner, B. (1997). The influence of company characteristics and accounting regulation on information disclosed by Spanish firms. *European Accounting Review*, 6(1), 45-68.
- Gordon, L.A., & Miller, D. (1976). A Contingency Framework For The Design Of Accounting Information System. *Accounting, Organizations and Society*, 1(1), 59-69.
- Gowthorpe, C., & Flynn, G. (1997, August). Reporting on the web: The state of the art, *Accountancy*, 68-69.
- Gowthorpe, C., & Amat, O. (1999). External reporting of accounting and financial information via the Internet in Spain. *The European Accounting Review*, 8(2), 365-371.

- Gray, G.L., & Debreceny, R.S. (1997, November). *Corporate Reporting on the Internet: Opportunities and Challenges*. Paper presented at the Seventh Asian-Pacific Conference on International Accounting Issues, Bangkok, Thailand.
- Gray, S.J., Meek, G.K., & Roberts, C.B. (1995). International Capital Market Pressures and Voluntary Annual Report Disclosures by US and UK Multinational Companies. *Journal of International Financial Management and Accounting*, 6(1), 1995.
- Green, G., & Spaul, B. (1997, May). Digital Accountability. *Accountancy*, International Edition, 49-50.
- Green, S.B. (1991). How Many Subjects Does It Take To Do Regression Analysis? *Multivariate Behavioural Research*, 26(3), 499-510.
- Gujarati, D.N. (1999). *Essentials of Econometrics* (2nd ed.). USA: McGraw-Hill.
- Gujarati, D.N. (2003). *Basic Econometrics* (4th ed.). USA: McGraw-Hill.
- Hagerman, R.L., & Zmijewski, M.E. (1979). Some Economic Determinants of Accounting Policy Choice. *Journal of Accounting and Economics*, 1, 141-161.
- Hair, J.F., Babin, B., Money, A.H., & Samouel, P. (2003). *Essentials of Business Research Method*. USA: John Wiley & Sons.
- Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E., & Tatham, R.L. (2006). *Multivariate Data Analysis* (6th ed.). New Jersey: Pearson Education International.
- Hair, J.F., Money, A.H., Samouel, P., & Page, M. (2007). *Research Methods for Business*. USA: John Wiley & Sons.
- Hanifa, M.H., & Ab. Rashid, H. (2005). The Determinants of Voluntary Disclosures in Malaysia: The Case of Internet Financial Reporting. *UNITAR E-Journal*, 2(1), 22-42.
- Haniffa, R.M. (1999). *Culture, Corporate Governance and Disclosure in Malaysian Corporation*. Unpublished PhD Thesis, University of Exeter, United Kingdom.
- Haniffa, R.M., & Cooke, T.E. (2002). Culture, Corporate Governance and Disclosure in Malaysian Corporations. *ABACUS*, 38(3), 317-349.
- Haniffa, R.M., & Cooke, T.E. (2005). The impact of culture and governance on corporate social reporting. *Journal of Accounting and Public Policy*, 24, 391-430.
- Haniffa, R.M., & Hudaib, M. (2006). Corporate Governance Structure and Performance of Malaysian Listed Companies. *Journal of Business Finance & Accounting*, 33(7), 1034-1062.
- Hashim, F., & Jaffar, R. (2006). Faktor Penentu Pelaporan Maklumat Penyelidikan dan Pembangunan (R&D) di Malaysia. *International Journal of Management Studies*, 13(Spesial Issues), 103-122.
- Hashim, F., & Mohd Saleh, N. (2007). Voluntary Annual Report Disclosures by Malaysian Multinational Corporations. *Malaysian Accounting Review*, 6(1), 129-156.
- Hassan, S, Jaaffar, N., Johl, S.K., & Mat Zain, M./N. (1999). Financial reporting on the internet by Malaysian companies: Perceptions and practices. *Asia-Pacific Journal of Accounting*, 6(2), 299-319.
- Hayes, D. (1977). The Contingency Theory of Managerial Accounting. *The Accounting Review*, LII(1), 22-39.
- Healy, P.M., & Palepu, K.G. (1993). The effect of firms' financial disclosure strategies on stock prices. *Accounting Horizons*, 7(1), 1-11.
- Hedlin, P. (1999). The internet as a vehicle for investor relations: the Swedish case. *The European Accounting Review*, 8(2), 373-381.

- Hill, C.W.L., & Jones, T.M. (1992). Stake-holder-agency theory. *Journal of Management Studies, March*, 131-154.
- Ho, L.J., & Taylor, M.E. (2007). An Empirical Analysis of Triple Bottom-Line Reporting and its Determinants: Evidence from the United States and Japan. *Journal of International Financial Management and Accounting, 18*(2), 123-150.
- Ho, S.S.M., & Wong, K.S. (2001). A study of the relationship between corporate governance structures and the extent of voluntary disclosure. *Journal of International Accounting, Auditing & Taxation, 10*, 139-156.
- Ho, S.S.M., & Wong, K.S. (2003). Preparers' perceptions of corporate reporting and disclosures. *International Journal of Disclosure and Governance, 1*(1), 71-81.
- Hodge, F., & Pronk, M. (2006). The Impact of Expertise and Investment Familiarity on Investors' Use of Online Financial Report Information. *Journal of Accounting, Auditing & Finance, 21*(3), 267-292.
- Hodge, F.D., Kennedy, J.J., & Maines, L.A. (2004). Does Search-Facilitating Technology Improve the Transparency of Financial Reporting? *The Accounting Review, 79*(3), 687-703.
- Holthausen, R.W., & Leftwich, R.W. (1983). The economic consequences of accounting choice: implications of costly contracting and monitoring. *Journal of Accounting and Economics, 5*, 77-117.
- Hossain, M., & Adams, M. (1995). Voluntary Financial Disclosure by Australian Listed Companies. *Australian Accounting Review, 5*(2), 45-55.
- Hossain, M., Lin M.T., & Adams, M. (1994). Voluntary Disclosure in an Emerging Capital Market: Some Empirical Evidence from Companies Listed on the Kuala Lumpur Stock Exchange. *The International Journal of Accounting, 29*(4), 334-351.
- Hossain, M., Perera, M.H.B., & Rahman, A.R. (1995). Voluntary Disclosure in Annual Reports of New Zealand Companies. *Journal of International Financial Management and Accounting, 6*(1), 69-85.
- Hughes, P.J. (1986). Signalling by Direct Disclosure under Asymmetric Information. *Journal of Accounting and Economics, 8*(2), 119-142.
- Huizingh, E.K.R.E. (2000). The content and design of web sites: an empirical study. *Information & Management, 37*, 123-134.
- Hussey, R., & Sowinska, M. (1999). Corporate financial reports on the Internet. *Credit Control, 20*(8), 16-21.
- Hussey, R., Gulliford, J.R., & Lymer, A. (1998). *Corporate Communication: Financial Reporting on the Internet*. London, Deloitte & Touche.
- IASC. (1999). *IASC Publishers Study of Business Reporting on the Internet*. Press Release: International Accounting Standards Committee, 15 November 1999.
- ICAEW. (1998). *The 21st century annual reporting*. London. The Institute of Chartered Accountants in England and Wales.
- ICAEW. (2004). *Digital reporting: A progress report*. London. The Institute of Chartered Accountants in England and Wales.
- Idid, S.A. (1992). *Kaedah Penyelidikan Komunikasi dan Sains Sosial* (1st ed.). Kuala Lumpur: Dewan Bahasa dan Pustaka.
- IFAC. (2002, August). *Financial reporting on the internet*. International Federation of Accountants.

- Inchausti, B.G. (1997). The influence of company characteristics and accounting regulation on information disclosed by Spanish firms. *The European Accounting Review*, 6(1), 45-68.
- Ismail, T.H. (2002). An Empirical Investigation of Factors Influencing Voluntary Disclosure of Financial Information on the Internet in the GCC Countries. Working paper, available at: SSRN:<http://ssrn.com.abstract=420700>
- Ismail, I., & Aziz, A.H. (1985). Ciri-ciri risiko saham di Pasaran Saham Kuala Lumpur. *Jurnal Pengurusan*, 4, 49-58.
- Ismail, N.A., & Tayib, M. (2000, November/December). Financial Reporting Disclosure on the Internet by Malaysian Public Listed Companies. *Akauntan Nasional*, 13(10), 28-33.
- Ismail, T.H., & Sobhy, N.M. (2009). Determinants of auditors' perceptions of the work needed in the audit of the internet-based financial reports in Egypt. *Journal of Applied Accounting Research*, 10(2), 132-150.
- Jaffar, R., Jamaludin, S., & Rahman, M.R.C.A. (2007). Determinant Factors Affecting Quality of Reporting in Annual Report of Malaysian Companies. *Malaysian Accounting Review*, 6(2), 19-42.
- Jensen, M.C., & Meckling, W.H. (1976). Theory of the Firm: Managerial Behavior, Agency Costs and Ownership Structure. *Journal of Financial Economics*, 3(4), 305-360.
- Jensen, M.C., & Meckling, W.H. (1995). Specific and general knowledge, and organizational structure. *Journal of Applied Corporate Finance*, 8(2), 4-18.
- Jones, K., & Alabaster, T. (1999). Critical analysis of corporate environmental reporting scoring systems. *Journal of Environmental Assessment Policy and Management*, 1(1), 27-60.
- Jones, M.J., Xiao, J.Z., & Lymer, A. (2001). *Trends in Internet Financial Reporting*. London: Institute of Chartered Accountants in England & Wales.
- Joshi, P.L., & Al-Bastaki, H. (2000). Factors Determining Financial Reporting On The Internet By Banks In Bahrain. *Review of Accounting Information Systems*, 4(3), 63-74.
- Joshi, P.L., & Al-Modhahki, J. (2003). Financial reporting on the internet: Empirical evidence from Bahrain and Kuwait. *Asia-Pacific Journal of Accounting*, 11(1), 88-101.
- Joshi, P.L., & Gao, S.S. (2009). Multinational corporations' corporate social and environment disclosure (CSED) on web sites. *International Journal of Commerce and Management*, 19(1), 27-44.
- Jusoh, A. (2008). *Hubungan Amalan Pengurusan Kualiti Menyeluruh Dengan Tahap Pemindahan Teknologi: Suatu Kajian Empirikal Mengikut Perspektif Penyelidik Universiti*. Unpublished doctoral dissertation, Universiti Utara Malaysia, Sintok, Kedah.
- Kamus Dewan. (2005). Kuala Lumpur: Dewan Bahawa dan Pustaka.
- Kaliannan, M., & Awang, H. (2007, Januari-Mac). Kerajaan Elektronik di Malaysia. *Pemikir*, 47, 67-78.
- Kast, F., & Rosenzweig, J. (1973). *Contingency Views of Organization and Management*. Science Research Associates, Chicago.

- Keliwon, K., & Aziz, K.A. (2005, January). Web financial reporting in Malaysia. The current stage. *Proceedings of International Conference on E-Commerce 2005*, Kuala Lumpur, 59-65.
- Kelton, A.S., & Yang, Y. (2005). The impact of corporate governance on Internet financial reporting. Working Paper, Department of Accounting and Information Management, University of Tennessee.
- Kelton, A.S., & Yang, Y. (2008). The impact of corporate governance on Internet financial reporting. *Journal of Accounting and Public Policy*, 27(1), 62-87.
- Kennedy, P. (1992). *A Guide to Econometrics* (3rd ed.). Oxford: Basil Blackwell Ltd.
- Kerlinger, F. (1986). *Foundations of behavioural research*. New York: Holt, Rinehart & Winston.
- Khadaroo, M.I. (2005a). Business reporting on the internet in Malaysia and Singapore: A comparative study. *Corporate Communications: An International Journal*, 10(1), 58-68.
- Khadaroo, M.I. (2005b). Corporate reporting on the internet: some implication for the auditing profession. *Managerial Auditing Journal*, 20(6), 578-591.
- Khan, M.A.H., Muzaffar, A.T., & Mahmood, A.S. (2006). The use of internet for corporate reporting: A discussion of the issues and surveys of current usage in Bangladesh. *Proceedings of Business & Information*, 3, Singapore.
- Khan, T. (2006). *Financial Reporting Disclosure on the Internet: An International Perspective*. Unpublished doctoral dissertation, Victoria University, Footscray Park, Victoria, Australia.
- Kish, L. (1965). *Survey Sampling*. New York: John Wiley & Sons.
- Konting, M.M. (2000). *Kaedah Penyelidikan Pendidikan*. Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Krippendorf, K. (1980). *Content analysis: An introduction to its methodology*. Beverly Hills, CA: Sage Publications.
- Ku Ismail, K.N.I., & Chandler, R. (2004). The timeliness of quarterly financial reports of companies in Malaysia. *Asian Review of Accounting*, 12(1), 1-18.
- Ku Ismail, K.N.I., & Chandler, R. (2005). Perceptions of Professional Investors in Malaysia on the Usefulness of Quarterly Financial Reports. *Jurnal Pengurusan*, 24, 105-124.
- Lang, M., & Lundholm, R. (1993). Cross-sectional Determinants of Analyst Rating of Corporate Disclosures. *Journal of Accounting Research*, 31(2), 246-271.
- Larran, M., & Giner, B. (2002). The Use of the Internet for Corporate Reporting by Spanish Companies. *The International Journal of Digital Accounting Research*, 2(1), 53-82.
- Lawrence, P.R., & Lorsch, J.W. (1967). *Organization and Environment: Managing Differentiation and Integration*. Harvard Business School, Boston, MA.
- Lay, W.N. (1985). *Social responsibility disclosures of selected New Zealand companies for 1981, 1982 and 1983*. Occasional Paper No. 54. Massey University, Palmerston North.
- Leftwich, R.W., Watts, R.L., & Zimmerman, J.L. (1981). Voluntary corporate disclosure: The case of interim reporting. *Journal of Accounting Research*, 19(Supplement), 50-77.
- Leng, T.L., Lazar, J., & Othman, R. (2007). *Adoption of Financial Reporting Standards (FRSs): Impact on Malaysian Companies*. Unpublished research report. Malaysian Accountancy Research and Education Foundation.

- Lev, B., & Penman, S. (1990). Voluntary forecast disclosure, non-disclosure, and stock prices. *Journal of Accounting Research*, 28(1), 49-76.
- Li., J., Pike, R., & Haniffa, R. (2008). Intellectual capital disclosure and corporate governance structure in UK firms. *Accounting and Business Research*, 38(2), 137-159.
- Lodhia, S.K., Allam, A., & Lymer, A. (2004). Corporate Reporting on the Internet in Australia: An Exploratory Study. *Australian Accounting Review*, 14(3), 64-71.
- Lopes, P.T., & Rodrigues, L.L. (2007). Accounting for financial instruments: An analysis of the determinants of disclosure in the Portuguese stock exchange. *International Journal of Accounting*, 42, 25-56.
- Louwers, T.W., Pasewark, W., & Typpo, E. (1996). Silicon valley meets Norwalk. *Journal of Accountancy*, 186, 20-24.
- Lybaert, N. (2002). On-Line Financial Reporting: An Analysis of the Dutch Listed Firms. *The International Journal of Digital Accounting Research*, 2(4), 195-234.
- Lymer, A. (1997). *The Use of the Internet in Company Reporting: A Survey and Commentary on the Use WWW in Corporate Reporting in UK*. Paper presented at the British Accounting Association Annual Conference, Birmingham.
- Lymer, A., & Tallberg, A. (1997, April). *Corporate Reporting and the Internet - a survey and commentary on the use of the WWW in corporate reporting in the UK and Finland*. Paper presented at the Annual Congress of the European Accounting Congress, Graz, Austria.
- Lymer, A., Debreceny, R., Gray, G.L., & Rahman, A. (1999). *Business Reporting on the Internet*. IASC Research Report.
- Malone, D., Fries, C., & Jones, T. (1993). An Empirical Investigation of the Extent of Corporate Financial Disclosure in the Oil and Gas Industry. *Journal of Accounting, Auditing and Finance*, 8, 249-273.
- Marican, S. (2005). *Kaedah Penyelidikan Sosial Sains*. Petaling Jaya, Selangor: Prentice Hall.
- Marston, C. (1997). Empirical Evidence Concerning Informal Company Disclosures to Analysts. *Accounting and Business Review*, 4(2), 265-295.
- Marston, C. (2003). Financial reporting on the Internet by leading Japanese companies. *Corporate Communication: An International Journal*, 8(1), 23-34.
- Marston, C., & Leow, C.Y. (1998). *Financial reporting on the Internet by leading UK companies*. Paper presented at the 21st Annual Congress of the European Accounting Association, Antwerp, Belgium.
- Marston, C., & Polei, A. (2002, July). Corporate reporting on the Internet by German companies. Paper presented at *Sixth Annual Conference on Financial Reporting and Business Communication*, Cardiff University, Cardiff, 4-5 July.
- Marston, C., & Polei, A. (2004). Corporate reporting on the Internet by German companies. *International Journal of Accounting Information System*, 5, 285-311.
- Marston, C., & Robson, P. (1997). Financial Reporting in India: Changes in Disclosure over the period 1982 to 1990. *Asia-Pacific Journal of Accounting*, June, 109-140.
- Marston, C.L., & Leow, C.Y. (1998). Financial reporting on the Internet by leading UK companies. Paper presented at the 21st Annual Congress of the European Accounting Association, Antwerp, Belgium.

- Marston, C.L., & Shrvies, P.J. (1991). The Use of Disclosure Indices in Accounting Research: A Review Article. *British Accounting Review*, 23, 195-210.
- Marston, C.L., & Shrvies, P.J. (1996). A Review of the Development and Use of Explanatory Models in Financial Disclosure Studies. Paper presented at the *EAA Congress*, Bergen, Norway.
- McDonald, R., & Lont, D. (2001). Financial Reporting on the Web – A 2001 Review. *Chartered Accountants Journal*. 64-68.
- McGrath, J.E. (1982). Dilemmatics: The Study of Research Choices and Dilemmas. In McGrath, J. E., Martin, J. & Kulka, R. A. (ed), *Judgment Calls in Research* (pp. 69-102). Beverly Hills, CA: Sage.
- McNally, G.M., Eng, L.H., & Hasseldine, C.R. (1982). Corporate Financial Reporting in New Zealand: An Analysis of User Preferences, Corporate Characteristics and Disclosure Practices for Discretionary Information. *Accounting and Business Research*, 13(Winter), 11-20.
- Md. Idris, K., & Ayob, A.M. (2002). Peranan Sikap Dalam Gelagat Kepatuhan Zakat Pendapatan Gaji. *Analisis*, 9(1&2), 171-191.
- Meek, G.K., Roberts, C.B., & Gray, S.J. (1995). Factor influencing voluntary annual report disclosures by U.S, U.K and Continental European multinational corporations. *Journal of International Business Studies*, 26(3), 555-572.
- Mendes-da-Silva, W., & Christensen, T.E. (2004, August). Determinants of Voluntary Disclosure of Financial Information on the Internet by Brazilian Firms.
- Meyers, L.S., Gamst, G., & Guarino, A.J. (2006). *Applied Multivariate Research: Design and Interpretation*. California, USA: Sage Publication, Inc.
- Miller, D.C. (1991). *Handbook of Research Design and Social Measurement* (5th ed.). USA: Sage Publications.
- Miller, K.D., & Bromiley, P. (1990). Strategic Risk and Corporate Performance: An Analysis of Alternative Risk Measures. *Academy of Management Journal*, 33(4), 756-779.
- Milne, M.J., & Adler, R.W. (1999). Exploring the reliability of social and environmental disclosures content analysis. *Accounting, Auditing & Accountability*, 12(2), 237-256.
- Mohamad, R., Mohamed, M., & Mohamed, A. (2003). Internet Financial Reporting (IFR) in Malaysia: A Survey of Contents and Presentations. Paper presented at *Accounting Seminar 2003*, Putra Palace, Kangar, Perlis, December 8-10, 2003.
- Mohamad, R., Saad, S., Ismail, S.A., & Abdul Rahman, A. (2006). Malaysian Corporate Website: A survey of Web Characteristics. Paper presented at *International Conference on ICT for the Muslim World (ICT4M) 2006*, Kuala Lumpur, November 21-23, 2006.
- Mohamed, E.K.A., Oyelere, P., & Al-Busaidi, M. (2009). A survey of internet financial reporting. *International Journal of Emerging Markets*, 4(1), 56-71.
- Mohamed, O. (2001). *Penulisan Tesis dalam Bidang Sains Sosial Terapan*. Serdang, Selangor: Penerbit Universiti Putra Malaysia.
- Mohd Ghazali, N.A., & Weetman, P. (2006). Perpetuating traditional influences: Voluntary disclosure in Malaysia following the economic crisis. *Journal of International Accounting, Auditing and Taxation*, 15, 226-248.
- Mohd Hanafi, S.R., Kasim, M.A., Ibrahim, M.K., & Othman, R. (2008, August). Internet Business Reporting: Development of A Disclosure Quality Index (IBRQ). Paper

- presented at *International Accounting & Business Conference* (IABC) 2008, The Puteri Pan Pacific, Johor Bahru, Johor, August 18-17, 2008.
- Mohd Isa, R. (2006). Graphical Information in Corporate Annual Report: A Survey of Users and Prepares Perceptions. *Journal of Financial Reporting & Accounting*, 4(1), 39-60.
- Mohd Noah, S. (2002). *Reka Bentuk Penyelidikan Falsafah, Teori dan Praktis*. Serdang, Selangor: Penerbit Universiti Putra Malaysia.
- Mokhtar, A.B., & Azhari, A.R.H. (2004). Perkembangan Sistem Perbankan Islam di Malaysia: Kajian dari sudut Strategi Penyebaran Maklumat menerusi Laman Web. *The Journal of Muamalat and Islamic Finance Research*, 1(1), 191-207.
- Molero, L.J., Prado, M.A., & Sevillano, M.F. (1999). *The Presentation of Financial Statements through the Internet: Analysis of the most significant companies in Spain*. Paper presented at the 22nd Annual Congress of the European Accounting Association, Bordeaux, France.
- Momany, M.T., & Shorman, S.A. (2006). Web-based Voluntary Financial Reporting of Jordanian Companies. *International Review of Business Research Papers*, 2(2), 127-139.
- Mora, A., & Rees, W. (1998). The early adoption of consolidated accounting in Spain. *European Accounting Review*, 7(4), 675-696.
- Myers, R. (1990). *Classical and modern regression with application* (2nd ed.). Boston, MA: Duxbury Press.
- Myers, S.C. (1977). Determinants of Corporate Borrowing. *Journal of Financial Economics*, 177(5), 147-175.
- Naser, K. (1998). Comprehensiveness of disclosure of non-financial companies. *International Journal of Commerce & Management*, 8(1), 88-119.
- Naser, K., Al-Khatib, K., & Karbhari, Y. (2002). Empirical evidence on the depth of corporate information disclosure in developing countries: The case of Jordan. *International Journal of Commerce & Management*, 12(3/4), 122-155.
- Neter, J., Wasserman, W., & Kutner, M.H. (1989). *Applied Linear Regression Models* (2nd ed.). USA: Irwin Inc.
- Neuendorf, K.A. (2002). *The Content Analysis Guidebook*. California, USA: Sage Publication Inc.
- Nik Salleh, N.M.Z., & Mohamed, A. (2000, November). Web-based Financial Reporting in Malaysia. Paper presented at *Seminar on Accounting and Information Technology*, Convention Centre, Universiti Utara Malaysia, November 13-14, 2000.
- Nunnaly, J.C., & Bernstein, I.H. (1994). *Psychometric Theory* (3rd ed.) New York: McGraw-Hill.
- OECD. (1999). OECD Science, Technology and Industry Scoreboard 1999: Benchmarking Knowledge-based Economic. Organization for Economic Cooperation and Development. Retrieved December 8, 2007, from http://www.oecd.org/dsti/sti/stat-anal/prod/scorebd_summ.htm
- Oliveira, L., Rodrigues, L.L., & Craig, R. (2006). Firm-specific determinants of intangibles reporting: evidence from the Portuguese stock market. *Journal of Human Resources Costing and Accounting*, 10(1), 11-33.
- Oppenheim, A.N. (1992). *Questionnaire Design, Interviewing and Attitude Measurement* (New ed.). London, UK: Pinter.

- Othman, R., Said, J., & Nasir, N. (2001). Internet Reporting by Local Autorities in Malaysia. Unpublished Research Report. Shah Alam, Malaysia: Universiti Teknologi MARA, Faculty of Accounting.
- Otley, D.T. (1980). The Contingency Theory of Management Accounting: Achievement and Prognosis. *Accounting, Organizations and Society*, 5(4), 413-428.
- Ousama, A.A., & Fatima, A.H. (2006, June). The Determinants of Voluntary Disclosure in the Annual Reports by Shariah Approved Companies Listed on Bursa Malaysia. *IIUM International Accounting Conference (INTAC) III*, June, 2006.
- Owusu-Ansah, S. (1998). The Impact of Corporate Attributes on the Extent of Mandatory Disclosure and Reporting by Listed Companies in Zimbabwe. *The International Journal of Accounting*, 33(5), 605-631.
- Owusu-Ansah, S. (2005). Factors influencing corporate compliance with financial reporting requirements in New Zealand. *International Journal of Commerce & Management*, 15(2), 141-157.
- Oyelere, P., Laswad, F., & Fisher, R. (2003). Determinants of Internet Financial Reporting by New Zealand Companies. *Journal of International Financial Management and Accounting*, 14(1), 26-61.
- Pallant, J. (2006). *SPSS Survival Manual* (2nd ed.). New York: Open University Press.
- Parviaainen, J.A., Schadewitz, H.J., & Blevins, D.R. (2001). On the non-linear relationship between disclosure and its determinants. *Applied Economics Letter*, 8, 747-750.
- Patton, J., & Zelenka, I. (1997). An empirical analysis of the determinants of the extent of disclosure in annual reports of joint stock companies in the Czech Republic. *The European Accounting Review*, 6(4), 605-626.
- Perez, C.C., Hernandez, A.M.L., & Bolivar, M.P.R. (2005). Citizens' access to on-line governmental financial information: Practices in the European Union countries. *Government Information Quarterly*, 22, 258-276.
- Perrow, C. (1967). A Framework for the Comparative Analysis of Organizations. *American Sociological Review*, 32, 194-208.
- Pervan, I. (2005). Financial reporting on the internet and the practice of Croatian joint stock companies quoted on the stock exchange. *Financial Theory and Practice*. 29(2), 159-174.
- Pervan, I. (2006). Voluntary Financial Reporting on the Internet- Analysis of the Practice of Stock-Market listed Croatian and Slovene Joint Stock Companies. *Financial Theory and Practice*. 30(1), 1-27.
- Petravick, S., & Gillett, J. (1996, July). Financial reporting on the World Wide Web. *Management Accounting*, 26-29.
- Pirchegger, B., & Wagenhofer, A. (1999). Financial information on the Internet: a survey of the homepages of Austrian companies. *The European Accounting Review*, 8(2), 383-395.
- Poon, Park-Look, Li, D., & Yu, Y.T. (2003). Internet Financial Reporting. *Information Systems Control Journal*, 1, 1-3.
- PricewaterhouseCoopers. (2002). *Market Readiness for Disclosure-Based Regulation, Highlights from survey on the readiness for the Malaysian Market Capital participants for DBR*. Kuala Lumpur: Securities Commission.
- Raffournier, B. (1995). The determinants of voluntary financial disclosure by Swiss listed companies. *The European Accounting Review*, 4(2), 261-280.

- Rahmat, M.M., & Mohd Iskandar, T. (2004). Audit fee premiums from brand name, industry specialization and industry leadership: A study of the post Big 6 merger in Malaysia. *Asian Review of Accounting*, 12(2) 1-24.
- Rancangan Malaysia Kesembilan, (2006-2010). Kuala Lumpur. Percetakan Nasional Malaysia Berhad.
- Rayburn, J.M., & Rayburn, L.G. (1991). Contingency Theory and the Impact of New Accounting Technology in Uncertain Hospital Environments. *Accounting, Auditing, Accountability Journal*, 4(2), 55-75.
- Robb, A.J. (1980). Interim reports and their qualitative evaluation. *The International Journal of Accounting*, 15(2), 77-86.
- Robbins, W.A., & Austin, D.R. (1986). Disclosure Quality in Governmental Financial Reports: An Assessment of the Appropriateness of a Compound Measure. *Journal of Accounting Research*, 24(2), 412-421.
- Ross, S. (1979). Disclosure regulation in financial markets: Implications of modern finance theory and signalling. In Edwards, F. (ed), *Issues in Financial Regulation*. McGraw-Hill.
- Salleh, K. (2004). An exploratory study on reinventing local government – electronic service delivery. Paper presented at *Persidangan Akauntan Pihak Berkuasa Tempatan*, Penang, Oktober 3-5, 2004.
- Sanders, E.G. (1999). Incentive Structure of CEO Stock Option Pay and Stock Ownership: The Moderating Effects of Firm Risk. *Managerial Finance*, 25(10), 61-75.
- Sari, R.N., Ainuddin, R.A., & Tengku Abdullah, T.A. (2006). Kesan Padanan antara Perakaunan Pengurusan Strategik dengan Strategi Perniagaan terhadap Prestasi Firma. *Jurnal Pengurusan*, 25, 87-109.
- Schipper, K. (1981). Discussion of Voluntary Corporate Disclosure: The Case of Interim Reporting. *Journal of Accounting Research*, 19(Supplement), 85-88.
- Schoonhoven, C.B. (1981). Problems with contingency theory: testing assumptions hidden within the language of contingency theory. *Administrative Science Quarterly*, 26(3), 349-377.
- Scott, W.R. (1987). *Organizations, Rational, Natural and Open Systems* (2nd ed.). Prentice-Hall International, London.
- Seetharaman, A., & Subramaniam, R. (2005/2006). Navigating the Web of Financial Reporting. *European Business Forum*, Winter(23), 51-54.
- Sekaran, U. (2003). *Research Methods For Business A Skill Building Approach* (4th ed.). USA: John Wiley & Sons, Inc.
- Sengupta, P. (1998). Corporate disclosure quality and the cost of debt. *The Accounting Review*, 73(4), 459-474.
- Singhvi, S.S., & Desai, H.B. (1971). An Empirical Analysis of the Quality of Corporate Financial Disclosure. *The Accounting Review*, 46(January), 129-138.
- Smith, C.W., & Warner, J.B. (1979). On financing contracting: An analysis of bond covenants. *Journal of Financial Economics*, 6, 50-65.
- Sortur, S. (2006, January). Financial Reporting on Internet. *The Chartered Accountant*, 996-1006.
- Spanos, L. (2006, June). Corporate reporting on the internet in a European emerging capital market: the Greek case.

- Spaul, B. (1997). *Corporate Dialogue in the Digital Age*. London. The Institute of Chartered Accountants in England and Wales.
- Spero, L.L. (1979). *The extent and causes of voluntary disclosure of financial information in three European capital markets: An exploratory study*. Unpublished doctoral dissertation, Harvard University Graduate School of Business.
- Sriram, R.S., & Lakshman, I. (2006). Corporate Web Site Reports: Some Evidence on Relevance and Usefulness. *Information Resources Management Journal*, 19(3), 1-17.
- Stevens, J.P. (2002). *Applied multivariate statistics for the social sciences* (4th ed.). Mahwah, New Jersey: Lawrence Erlbaum Associates, Publishers.
- Street, D.L., & Bryant, S.M. (2000). Disclosure level and compliance with IASs: a comparison of companies with and without US listings and fillings. *International Journal of Accounting*, 35(3), 305-329.
- Syed Ahmad, S.N., Mahmud, M., & Mohd Zaini, R. (2007). Timeliness of Corporate Financial Reporting and Company Characteristics: Evidence from Bursa Malaysia. *Journal of Management & Muamalah*, 1, 23-50.
- Synodinos, N.E. (2003). The “art” of questionnaire construction: some important considerations for manufacturing studies. *Integrated Manufacturing Studies*, 14(3), 221-237.
- Tabachnick, B.G., & Fidell, L.S. (2007). *Using multivariate statistics* (5th ed.). Boston: Pearson/Allyn & Bacon.
- Tan, L.T., Kidam, Z.A., & Cheong, P.W. (1990). Information needs users and voluntary disclosures practices of Malaysian listed corporations. *Malaysian Accountant*, 3, 2-6.
- Tan, M., & Teo, T.S.H. (1998). Factor Influencing the Adoption of the Internet. *International Journal of Electronic Commerce*, 2(3), 5-18.
- Tan, S., & Tower, G. (1999). The Influence of Selected Contingent Variables on Half Yearly Reporting Compliance by Listed Companies in Australia and Singapore. *Asia Review of Accounting*, 7(2), 66-83.
- Taylor, G., Tower, G., Zahn, M.V.D., & Neilson, J. (2008). Corporate governance determinants on Australian resource companies’ financial instruments disclosure practices. *Asian Review of Accounting*, 16(1), 56-73.
- Taylor, S. (1998). *Web sites – a missed opportunity*. Business Briefing. Institute Chartered Accountants in England and Wales, London.
- Thomas, A.P. (1986). The Contingency Theory Of Corporate Reporting: Some Empirical Evidence. *Accounting, Organizations and Society*, 11(3), 253-270.
- Thomas, A.P. (1991). Towards a Contingency Theory of Corporate Financial Reporting Systems. *Accounting, Auditing & Accountability Journal*, 4(4), 40-57.
- Thompson, J.D. (1967). *Organizations in Action*. New York: McGraw Hill.
- Topalian, A. (2003). Experienced reality. The development of corporate identity in the digital era. *European Journal of Marketing*, 37(7/8), 1119-1132.
- Tosi, H.L., & Slocum, J.W. (1984). Contingency Theory: Some Suggested Directions. *Journal of Management*, 10(1), 9-26.
- Tower, G., & Kelly, M. (1989). The financial accounting standard setting process: An agency theory perspective. Discussion Paper Series, 94 (June). Massey University.
- Trabelsi, S., Labelle, R., & Laurin, C. (2004). CAP Forum on E-Business: The Management of Financial Disclosure on Corporate Websites: A Conceptual Model. *Canada Accounting Perspectives*, 3(2), 235-259.

- Trites, G. (1999). *The impact of technology on financial and business reporting*. Canadian Institute of Chartered Accountants, Toronto.
- Trotman, K.T., & Bradley, G.W. (1981). Associations Between Social Responsibility Disclosure and Characteristics of Companies. *Accounting, Organizations and Society*, 6(4), 355-362.
- Venter, J.M.P. (2002). A survey of current online reporting practices in South Africa. *Meditari Accountancy Research*, 10, 209-225.
- Wagenhofer, A. (1990). Voluntary Disclosure with a Strategic Opponent. *Journal of Accounting and Economics*, 12, 341-363.
- Wallace, R.S.O. (1987). *Disclosure of Accounting Information in Developing Countries: A Case Study of Nigeria*. Unpublished PhD Thesis, University of Exeter, United Kingdom.
- Wallace, R.S.O. (1988). Corporate financial reporting in Nigeria. *Accounting and Business Research*, 18(72), 352-362.
- Wallace, R.S.O., Kamal, N., & Mora, A. (1994). The Relationship between the Comprehensiveness of Corporate Annual Reports and Firms Characteristics in Spain. *Accounting and Business Research*, 25(97), 41-53.
- Wallace, R.S.O., & Naser, K. (1995). Firm Specific Determinants of Comprehensiveness of Mandatory Disclosure in the Corporate Annual Reports of Firms on the Stock Exchange of Hong Kong. *Journal of Accounting and Public Policy*, 14(3), 311-368.
- Wallace, R.S.O., Naser, K., & Mora, A. (1994). The Relationship Between the Comprehensiveness of Corporate Annual Reports and Firms Characteristics in Spain. *Accounting and Business Research*, 25(97), 41-53.
- Wallman, S. (1995). The Future of Accounting and Disclosure in Evolving World: The Need for Dramatic Changes. *Accounting Horizon*, 9(3), 81-91.
- Wan Fauzi, W.N.A. (2005). *Factors that Influence Financial Reporting through Internet among Public Listed Companies in Malaysia*. Unpublished master dissertation, Universiti Utara Malaysia, Sintok, Kedah.
- Waterhouse, J.H., & Tiessen, P.A. (1978). A Contingency Framework for Management Accounting Systems Research. *Accounting, Organizations and Society*, 3(1), 65-76.
- Watson, A., Shrives, P., & Marston, C. (2002). Voluntary Disclosure of Accounting Ratios in the UK. *British Accounting Review*, 34, 289-313.
- Watts, R.L., & Zimmerman, J.L. (1978). Towards a positive theory of the determination of accounting standards. *Accounting Review*, 53(1), 112-34.
- Watts, R.L., & Zimmerman, J.L. (1986). *Positive Accounting Theory*. New Jersey, USA: Prentice- Hall.
- Weber, R.P. (1990). *Basic Content Analysis*. (2nd ed.). Newbury Park, CA: Sage.
- Weill, P., & Olson, M.H. (1989). An Assessment of the Contingency Theory of Management Information Systems. *Journal of Management Information Systems*, 6(1), 59-85.
- Wildstrom, S. H. (1997, April 14). Surfing for Annual Report. *Business Week*, 10.
- Williams, S.H. (1999). Voluntary environmental and social accounting disclosure practices in Asia-Pacific region: an international empirical test of political economy theory. *The International Journal of Accounting*, 34(2), 209-238.
- William, S.M., & Pei, C.H.W. (1999). Corporate Social Disclosure by Listed Companies on Their Web Sites: An International Comparison. *The International Journal of Accounting*, 34(3), 389-419.

- Wilmshurst, T.D., & Frost, G.R. (2000). Corporate environmental reporting A test of legitimacy theory. *Accounting, Auditing Accountability Journal*, 13(1), 10-25.
- Xiao, J.Z., Dyson, J.R., & Powell, P.L. (1996). The impact of information technology on corporate financial reporting: A contingency perspective. *British Accounting Review*, 28(3), 203-227.
- Xiao, J.Z., Jones, M.J., & Lymer, A. (2002). Immediate trends in Internet reporting. *European Accounting Review*, 11(2), 245-275.
- Xiao, J.Z., Jones, M.J., & Lymer, A. (2005). A Conceptual Framework for Investigating the Impact of Internet on Corporate Financial Reporting. *The International Journal of Digital Accounting Research*, 5(10), 131-169.
- Xiao, J.Z., Sangster, A., & Dodgson, J.H. (1997). The relationship between information technology and corporate financial reporting. *Information Technology & People*, 10(1), 11-30.
- Xiao, J.Z., Yang, H., & Chow, C.W. (2004). The determinants and characteristics of voluntary Internet-based disclosures by listed Chinese companies. *Journal of Accounting and Public Policy*, 23, 191-225.
- Ya'acob, Z. (2008). *A Structural Relationship between Total Quality Management, Strategic Control Systems and Performance of Malaysian Local Goverments*. Unpublished doctoral dissertation, Universiti Utara Malaysia, Sintok, Kedah.
- Zainal Abidin, F., Zainudin, N., Ismail, F., & Ahmad Zaluki, N.A. (2005). *Pengurusan Kewangan Teori dan Aplikasi*. Petaling Jaya, Selangor: Prentice Hall
- Zakaria, Z., & Md. Som, H. (2001). *Analisis Data Menggunakan SPSS Windows* (1st ed.). Skudai, Johor: Penerbit UTM.
- Zeithaml, V.A., Varadarajan, P.R., & Zeithaml, C.P. (1988). The Contingency Approach: Its Foundations and Relevance to Theory Building and Research in Marketing. *European Journal of Marketing*, 22(7), 37-64.
- Zikmund, W.G. (2003). *Business Research Method* (7th ed.). Ohio, USA: Thomas South-Western.
- Zmijewski, M.E., & Hagerman, R.L. (1981). An Income Strategy Approach to the Positive Theory of Accounting Standard Setting/Choice. *Journal of Accounting & Economics*, 3, 129-149.