

**FACTORS DETERMINING CONSUMER PURCHASING
INTENTION TOWARDS COUNTERFEIT SPORTSWEAR**

AZIZUL RAHMAN BIN SAPAHIN

**MASTER OF SCIENCE (MANAGEMENT)
UNIVERSITI UTARA MALAYSIA
DECEMBER 2014**

**FACTORS DETERMINING CONSUMER PURCHASING INTENTION
TOWARDS COUNTERFEIT SPORTSWEAR**

By

AZIZUL RAHMAN BIN SAPAHIN

Research Paper Submitted to

**Othman Yeop Abdullah Graduate School of Business,
Universiti Utara Malaysia,**

**In Partial Fulfilment of the Requirement for the Master of Sciences
(Management)**



Othman Yeop Abdullah
Graduate School of Business

Universiti Utara Malaysia

PERAKUAN KERJA KERTAS PROJEK
(*Certification of Project Paper*)

Saya, mengaku bertandatangan, memperakukan bahawa
(I, the undersigned, certified that)
AZIZUL RAHMAN BIN SAPAHIN (815939)

Calon untuk Ijazah Sarjana
(Candidate for the degree of)
MASTER OF SCIENCE (MANAGEMENT) - INTAN

telah mengemukakan kertas projek yang bertajuk
(has presented his/her project paper of the following title)

**FACTORS DETERMINING CONSUMER PURCHASING INTENTION TOWARDS COUNTERFEIT
SPORTSWEAR**

Seperti yang tercatat di muka surat tajuk dan kulit kertas projek
(as it appears on the title page and front cover of the project paper)

Bahawa kertas projek tersebut boleh diterima dari segi bentuk serta kandungan dan meliputi bidang ilmu dengan memuaskan.
(that the project paper acceptable in the form and content and that a satisfactory knowledge of the field is covered by the project paper).

Nama Penyelia : **DR. SELVAN A/L PERUMAL**
(Name of Supervisor)

Tandatangan : 
(Signature)

Tarikh : **07 DECEMBER 2014**
(Date)

PERMISSION TO USE

In presenting this research paper in fulfilment of the requirements for a postgraduate degree from Universiti Utara Malaysia, I agree that the University Library may make it freely available for inspection. I further agree that permission for copying of this research paper in any manner, in whole or in part, for scholarly purposes may be granted by my supervisors or in their absence, by the Dean of Othman Yeop Abdullah Graduate School of Business. It is understood that any copying or publication or use of this research paper or parts thereof for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to Universiti Utara Malaysia for any scholarly use which may be made of any material from my research paper.

Request for permission to copy or to make other use of materials in this research paper, in whole or in part, should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business

Universiti Utara Malaysia

06010 UUM Sintok

Kedah Darulaman

ABSTRACT

Increased trading activity involving counterfeit goods was worrying and had become a main intimidation towards the economy. Fast innovative advancements, growth in sportswear industry and increased in government effort in promoting healthy lifestyle have helped foster the development of this issue. In this study, relationship between consumers purchasing intention towards counterfeit sportswear, attitude towards counterfeit sportswear, subjective norms and perceived behavior control were analyzed in the context of Malaysia. This research studied the purchase intention of consumers using Theory of Planned Behavior as the underpinning theory. The Theory of Planned Behavior by Ajzen was adapted in this study with moderate impact of moral judgement. Data was collected through self-administered questionnaires that were distributed to 454 respondents at shopping malls and night markets in Klang Valley. This paper used Pearson Correlation Coefficient and Multiple Linear Regression analysis to study the purchasing behavior towards counterfeit sportswear. Results showed that except for perceived behavior control which shows insignificant relationship, all other independent variables were significantly and positively related to the dependent variable. Moral judgement was found to be insignificant as a moderator between all the independent variables on intention to purchase counterfeit sportswear but nonetheless was useful to be a predictor variable. This study could help related parties such as the government agencies, genuine marketers and product producers to understand better why consumers prefer counterfeit sportswear products. The study answered the research questions and accomplished its objectives and supported the notion of the theory of planned behavior on purchasing intention towards counterfeit sportswear in Malaysia.

Keywords: Counterfeit Sportswear, Attitude, Subjective Norms, Perceived Behavior Control, Moral Judgement, Purchase Intention

ABSTRAK

Peningkatan aktiviti perdagangan melibatkan barang tiruan amat membimbangkan dan menjadi ancaman utama kepada ekonomi negara. Perkembangan teknologi yang pesat, pertumbuhan dalam industri sukan dan peningkatan dalam usaha kerajaan dalam mempromosikan gaya hidup sihat telah membantu mendorong pertumbuhan masalah ini. Dalam kajian ini, hubungan antara niat pengguna untuk membeli barang sukan tiruan, sikap terhadap barang sukan tiruan, norma subjektif dan kawalan tingkah laku yang dirasakan telah dianalisis dalam konteks Malaysia. Kajian ini mengkaji niat pembelian pengguna yang menggunakan Teori of Planned Behavior sebagai teori yang mendasari. Teori of Planned Behavior oleh Ajzen disesuaikan dalam kajian ini dengan penggunaan pertimbangan moral sebagai pembolehubah sederhana. Data dikumpulkan melalui soal selidik yang ditadbir sendiri yang telah diedarkan kepada 454 responden di pusat membeli-belah dan pasar malam di Lembah Klang. Analisis kajian ini menggunakan Pekali Korelasi Pearson dan analisis regresi berganda linear untuk mengkaji perilaku pembelian ke arah pakaian sukan tiruan. Keputusan menunjukkan bahawa kecuali kawalan tingkah laku yang diperoleh menunjukkan hubungan yang tidak ketara, semua pemboleh ubah bebas lain menunjukkan hubungan yang signifikan dan positif dengan pembolehubah bersandar. Pertimbangan moral didapati tidak signifikan sebagai pembolehubah sederhana antara semua pembolehubah bebas terhadap niat untuk membeli pakaian sukan tiruan tapi tetap berguna untuk menjadi pembolehubah tidak bersandar. Kajian ini akan membantu pihak-pihak yang berkaitan seperti agensi-agensi kerajaan, syarikat pemasaran dan pengeluar produk untuk lebih memahami mengapa pengguna lebih suka produk sukan tiruan. Kajian ini menjawab persoalan kajian dan dicapai matlamatnya dan mendukung gagasan Theory of Planned Behavior untuk kajian niat pembelian pakaian sukan tiruan di Malaysia.

Katakunci: Pakaian Sukan Tiruan, Sikap, Norma Subjektif, Kawalan Tingkahlaku Yang Diperoleh, Pertimbangan Moral, Niat Membeli

ACKNOWLEDGEMENT

In the name of Allah, The Most Compassionate, The Most Merciful, Praise be Allah for giving me the strength and commitment to complete up to this level in my Master Degree. This thesis could not have been accomplished by me. A humble and fortunate human like me must seek Allah the Almighty to provide me the chance to go through this process.

I acknowledge Dr. Selvan a/l Perumal as my supervisor for his kind guidance, willingness, encouragement and constructive critics throughout the preparation of this proposal. I also would like to extend special gratitude to Dr Chandrakantan a/l Subramaniam for his comments and guidance on the research analysis.

To my beloved wife and children (Fairos, Asyraaf, Danial and Arman), my mother and father, brothers and sisters, thank you on your continuous support and understanding. Also, special thanks to my office mates and friends that giving me idea and support on completing the study and their kind and consideration to participate in this study. Special thanks to all the respondents on their valuable time in completing the questionnaires.

Lastly, I would like to thank all staff and secretariat of Othman Yeop Abdullah Graduate School of Business, Universiti Utara Malaysia and Institut Tadbiran Awam (INTAN) for their cooperation and continuous training provided. Finally, thanks to all those who directly and indirectly involve in this research associated with this study. Thank you.

TABLE OF CONTENT

PERMISSION TO USE	i
ABSTRACT	ii
ABSTRAK	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENT	v
List of Tables	viii
List of Figures	ix
CHAPTER 1	1
INTRODUCTION	1
1.1 Overview of the Study	1
1.2 Research Background	1
1.3 Problem Statement	3
1.4 Research Questions	7
1.5 Research Objectives	8
1.6 Significance of the Study	9
1.7 Scope of the Study	9
1.8 Definitions of Key Terms	10
1.9 Organization of the Study	12
1.10 Conclusion	13
CHAPTER 2	14

LITERATURE REVIEW	14
2.1 Introduction	14
2.2 What is counterfeit?	14
2.3 Overview of Counterfeit Sportswear Market.....	15
2.4 Intention to Purchase Counterfeit Sportswear	16
2.5 Other Factors Associated With Counterfeit Sportswear Consumption.....	16
2.6 Underpinning Theory - The Theory of Planned Behavior (TPB)	18
2.7 Moral Judgement as a moderator	20
2.8 Theoretical Framework	22
2.9 Hypothesis Development.....	23
2.10 Conclusion	25
CHAPTER 3	26
RESEARCH METHODOLOGY.....	26
3.1 Introduction	26
3.2 Research Design.....	26
3.3 Population and Study Sample	28
3.4 Data Collection Procedures.....	29
3.5 Pilot Test	30
3.6 Operationalisation of Variables and Measurement.....	30
3.7 Summary	32
CHAPTER 4	33
DATA ANALYSIS AND FINDINGS	33

4.1 Introduction	33
4.2 Participation and Response Rate.....	34
4.3 Data Screening	34
4.4 Demographic Profile of the Respondents	35
4.5 Reliability Analysis.....	36
4.6 Descriptive Analysis	37
4.7 Normality Test	38
4.8 Correlation Analysis	39
4.9 Regression Analysis	44
4.10 Chapter Summary.....	51
CHAPTER 5	52
DISCUSSION AND CONCLUSION.....	52
5.1 Introduction	52
5.2 Recapitulation of Study.....	52
5.3 Discussion	54
5.4 Attitude towards Counterfeit Sportswear Purchases.....	55
5.5 Subjective Norms	56
5.6 Perceived Behavior Control	57
5.7 The Moderating Role of Moral Judgement.....	58
5.8 Contribution of the Study.....	59
5.9 Research Implications	60
5.10 Limitation of the Study	61

5.11 Future Research.....	63
5.12 Conclusion	64
REFERENCES.....	65
APPENDICES	71

List of Tables

Table 1.1 Number of counterfeit cases taken by item from year 2000 till July 2014 ..	3
Table 3.1 List of Selected Shopping Malls and Night Market in Klang Valley and Numbers of Questionnaires.....	28
Table 3.2 Content of Questionnaire	29
Table 3.3 Summary of Data Analysis Technique and Objective	31
Table 4.1 Sample Study Response Rate.....	34
Table 4.2 Respondents' Demographic Profile (n = 454)	35
Table 4.3 Cronbach's Alphas of the Study Variables (n = 454).....	36
Table 4.4 Mean and Standard Deviation of Attitude, Subjective Norms, Perceived Control Behavior, Moral Judgement and Purchase Intention (N = 454)	37
Table 4.5 Normality Testing	38
Table 4.6 Correlation between IVs and DV.....	40
Table 4.7 Summary of Multiple Regression Result for Attitude, Subjective Norms and Perceived Behavior Control	42
Table 4.8 Summary of the Hypotheses Testing Result from Multiple Regression Analysis.....	43
Table 4.9 Model Summary of the Moderating Effect of Moral Judgement on IVs and DV	47

Table 4.10 The Moderating Effect of Moral Judgement on IVs and DV (Purchase Intention)	48
Table 4.11 Summary of the Hypotheses Testing Result from Multiple Regression Analysis.....	50
Table 5.1 Summary of the Hypotheses Testing Result from Multiple Regression Analysis.....	55
Table 5.2 Summary of the Hypotheses Testing Result from Multiple Regression Analysis.....	56
Table 5.3 Summary of the Hypotheses Testing Result from Multiple Regression Analysis.....	57

List of Figures

Figure 2.1 An empirical study of an extended Theory of Planned Behavior model for pirated software use intention. Journal of Business Ethics, 90(3), 361–373.	18
Figure 2.2 Proposed Theoretical Framework	22
Figure 4.1The Relationship between Attitude, Subjective Norms and Perceived Behavior Control and Purchase Intention	41
Figure 4.2 The proposed research framework.....	46

CHAPTER 1

INTRODUCTION

1.1 Overview of the Study

This part serves as an introduction where it incorporates data concerning the research foundation, issue proclamation, research goals and questions and the importance of this exploration study. These will give readers an exact comprehension towards the study.

1.2 Research Background

Counterfeiting is one of the wildest growing economic crimes globally. It intimidates the economies of established and emerging countries alike, harms new investment, and progressively endangers public health and safety. Developments in technology have permitted counterfeiters to produce improved copies of products and packaging. Today, an enormous range of items are counterfeited, including clothing, jewellery, movies, medicines, car parts, fragrance and agrochemicals.

In terms of definition, counterfeit products can be characterized as a product that is almost equal to the original product and produced by the producer, without permission of the copyright owners of the product concerned (Bian and Veloutsou, 2007; Chaudhry and Walsh, 1996). Well known and famous products are often targeted to be counterfeit. This is due to the high demand for these famous products. This is because of items that don't have trademarks are less engaging and would not be profoundly sought after, and endeavors of forging the items are meaningless.

The contents of
the thesis is for
internal user
only

REFERENCES

- Ajzen, I. (1985). From intentions to actions: A theory of planned behavior. In J. Kuhl & J. Beckman (Eds.), *Action control: From cognition to behavior* (11-39). Heidelberg: Springer.
- Ajzen, I. (1991). The Theory of Planned Behavior. *Organizational behavior and human decision processes*, 50, 179-211.
- Ajzen, I. (2008). Consumer attitudes and behavior. In C. P. Haugtvedt, P. M. Herr & F. R. Cardes (Eds.), *Handbook of Consumer Psychology* (525- 548). New York: Lawrence Erlbaum Associates.
- Ajzen, J. and Fishbein, M. (1980), *Understanding Attitudes and Predicting Social Behavior*, Prentice Hall, NJ.
- Alam, S., Ahmad, A., Ahmad, M., & Hashim, N. (2011). An empirical study of an extended theory of planned behavior model for pirated software purchase. *World Journal of* Retrieved from <http://wbiaus.org/10>. Nik (NEW).pdf
- Alcock, L., Chen, P., Ch'ng, H. M., & Hodson, S. (2003). Counterfeiting: tricks and trends. *Journal of Brand Management*, 11(2), 133-136.
- Alfadl, A. A., Ibrahim, M. I. M., & Hassali, M. A. (2012). Consumer behaviour towards counterfeit drugs in a developing country. *Journal of Pharmaceutical Health Services Research*, 3(3), 165-172.
- Alleyne, P., & Broome, T. (2011). Using the Theory of Planned Behaviour and Risk Propensity to Measure Investment Intentions among Future Investors. *Journal of Eastern Caribbean Studies*, 36(1).
- Ang, S. H., Cheng, P. S., Lim, E. A., & Tambyah, S. K. (2001). Spot the difference: consumer responses towards counterfeits. *Journal of Consumer Marketing*, 18(3), 219-235.
- AR, A. R. (2012). Counterfeit luxury goods online: an investigation of consumer perceptions. *International Journal of Marketing Studies*, 4(2), p74.
- Avery, P. (2008). The economic impact of counterfeiting and piracy. OECD Publishing.
- Bailey, A. A. (2006). Retail employee theft: A theory of planned behavior perspective. *International Journal of Retail & Distribution Management*, 34(11), 802-816.

Balestrino, A. (July 2007). It is a Theft But Not a Crime. CESifo Working Paper No. 2047. Available at SSRN: <http://ssrn.com/abstract=998767>.

Baron, R. M., & Kenny, D. A. (1986). The moderator–mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of personality and social psychology*, 51(6), 1173.

Bian, X., & Moutinho, L. (2011). Counterfeits and branded products: effects of counterfeit ownership. *Journal of Product & Brand Management*, 20(5), 379-393.

Bian, X., & Veloutsou, C. (2007). Consumers' attitudes regarding non-deceptive counterfeit brands in the UK and China. *Journal of Brand Management*, 14(3), 211-222.

Cavana, R., Delahaye, B. L., & Sekaran, U. (2001). *Applied business research: Qualitative and quantitative methods*. John Wiley & Sons Australia.

Chang, M.K. (1998), “Predicting unethical behaviour: a comparison of the theory of reasoned action and the theory of planned behaviour”, *Journal of Business Ethics*, 17, 1825-1834.

Chaudhry, P. E., & Walsh, M. G. (1996). An assessment of the impact of counterfeiting in international markets: the piracy paradox persists. *The Columbia Journal of World Business*, 31(3), 34-48.

Chaudhrya, P., Cordellb, V., & Zimmermanc, A. (2005). Modelling anti-counterfeiting strategies in response to protecting intellectual property rights in a global environment. *The Marketing Review*, 5(1), 59-72.

Chen, M.-F., Pan, C.-T., & Pan, M.-C. (2009). The Joint Moderating Impact of Moral Intensity and Moral Judgment on Consumer's Use Intention of Pirated Software. *Journal of Business Ethics*, 90(3), 361–373. doi:10.1007/s10551-009-0046-8

Chiu, W., Lee, K.-Y., & Won, D. (2014). Consumer Behavior Toward Counterfeit Sporting Goods. *Social Behavior and Personality*, 42(4), 615–624. doi:10.2224/sbp.2014.42.4.615

- Comfrey, A. L., & Lee, H. B. (1992). *A first course in factor analysis* (2nd ed.). New Jersey: Erlbaum Press.
- Cordell, V. V., Wongtada, N., & Kieschnick Jr, R. L. (1996). Counterfeit purchase intentions: role of lawfulness attitudes and product traits as determinants. *Journal of Business Research*, 35(1), 41-53.
- De Matos, C. A., Ituassu, C. T., & Rossi, C. A. V. (2007). Consumer attitudes toward counterfeits: a review and extension. *Journal of Consumer Marketing*, 24(1), 36-47.
- Eisend, M., & Schuchert-Güler, P. (2006). Explaining counterfeit purchases: a review and preview. *Academy of Marketing Science Review*, 12(6), 1-25.
- ETP. (2013). Economic Transformation Program Annual Report 2013. Performance Management and Delivery Unit (PEMANDU). Retrieved from <http://etp.pemandu.gov.my/annualreport2013>.
- Fink, A. (Ed.). (2003). *The survey handbook* (Vol. 1). Sage.
- Formosa, N. (2011). Brands push to stem flow of fake product. (Cover story). *Bicycle Retailer & Industry News*, 20(17), 1-33.
- Gentry, J. W., Putrevu, S., Shultz, C., & Commuri, S. (2001). How Now Ralph Lauren? The Separation of Brand and Product in a" Counterfeit Culture". *Advances in Consumer Research*, 28, 258-265.
- Gentry, J. W., Putrevu, S., & Shultz, C. J. (2006). The effects of counterfeiting on consumer search. *Journal of Consumer Behaviour*, 5(3), 245-256.
- Grossman, G. M., & Shapiro, C. (1988). Foreign counterfeiting of status goods.
- Gupta, P. B., Gould, S. J., & Pola, B. (2004). "To pirate or not to pirate": A comparative study of the ethical versus other influences on the consumer's software acquisition-mode decision. *Journal of Business Ethics*, 55(3), 255-274.
- Hair, J. F., Tatham, R. L., Anderson, R. E., & Black, W. (2006). *Multivariate data analysis* (Vol. 6). Upper Saddle River, NJ: Pearson Prentice Hall.
- Hair, Joseph F., William C. Black, Barry J. Babin, and Rolph E. Anderson (2010), *Multivariate Data Analysis*, Englewood Cliffs, NJ: Prentice Hall.
- Hidayat, A., & Diwasasri, A. H. A. (2013). Factors Influencing Attitudes and Intention to Purchase Counterfeit Luxury Brands among Indonesian Consumers. *International Journal of Marketing Studies*, 5(4), 143. International Chamber of Commerce.
- Hornik, J., & Ellis, S. (1988). Strategies to secure compliance for a mall intercept interview. *Public Opinion Quarterly*, 52(4), 539-551.

- Jirotmontree, A. (2013). Business ethics and counterfeit purchase intention: A comparative study on Thais and Singaporeans. *Journal of International Consumer Marketing*, 25(4), 281-288.
- Kautonen,T., van Gelderen, M., & Tornikoski, E. T. (2013). Predicting entrepreneurial behaviour: a test of the theory of planned behaviour. *Applied Economics*, 45(6), 697-707. doi:10.1080/00036846.2011.610750.
- Kim, H., & Karpova, E. (2010). Consumer attitudes toward fashion counterfeits: Application of the theory of planned behavior. *Clothing and Textiles Research Journal*, 28(2), 79-94.
- Kwong, Kenneth K., Oliver H. M. Yau, Jenny S. Y. Lee, Leo Y. M. Sin, and Alan C. B. Tse. 2003. "The Effects of Attitudinal and Demographic Factors on Intention to Buy Pirated CDs: The Case of Chinese Consumers." *Journal of Business Ethics* 47: 223-35.
- Logsdon, J. M., Thompson, J. K., & Reid, R. A. (1994). Software Piracy : Is It Related to Level of Moral Judgment? *Journal of Business Ethics*, 13, 849–857.
- Mishra, S. (2014). Adoption of M-commerce in India: Applying Theory of Planned Behaviour Model. *Journal of Internet Banking & Commerce*, 19(1), 1-17.
- Moores, T. T., & Chang, C. J. (2006). Ethical Decision Making in Software Piracy: Initial Development and Test of a Four-Component Model. *MIS Quarterly*, 30(1), 167-180.
- Norum, P. S., & Cuno, A. (2011). Analysis of the demand for counterfeit goods. *Journal of Fashion Marketing and Management*, 15(1), 27-40.
- Nunnally, J.C. (1978). *Psychometric Theory*. New York: McGraw-Hill.
- Ozcaglar-Toulouse, N., Shiu, E., & Shaw, D. (2006). In search of fair trade: ethical consumer decision making in France. *International Journal of Consumer Studies*, 30(5), 502-514.
- Penz, E., & Stöttinger, B. (2005). Forget the "real" thing—take the copy! An explanatory model for the volitional purchase of counterfeit products. *Advances in consumer research*, 32, 568.
- Penz, E., & Stöttinger, B. (2008). Original brands and counterfeit brands—do they have anything in common? *Journal of Consumer Behaviour*, 7(2), 146-163.

- Phau, I., Sequeira, M., & Dix, S. (2009). Consumers' willingness to knowingly purchase counterfeit products. *Direct Marketing: An International Journal*, 3(4), 262-281.
- Phau, I., & Teah, M. (2009). Devil wears (counterfeit) Prada: a study of antecedents and outcomes of attitudes towards counterfeits of luxury brands. *Journal of Consumer Marketing*, 26(1), 15-27. Radon, 2012
- Piaw, C. Y. (2013). *Mastering Research Statistics*, Malaysia. McGraw-Hill (Malaysia) Sdn. Bhd, 285-288.
- Ratnasingam, J. K., & Ponnu, C. H. (2008). The influence of consumers' moral intensity, perceived risks and moral judgment in purchasing pirated software. *Communications of the IBIMA*, 1, 47-61.
- Saeri, A. K., Ogilvie, C., La Macchia, S. T., Smith, J. R., & Louis, W. R. (2014). Predicting Facebook Users' Online Privacy Protection: Risk, Trust, Norm Focus Theory, and the Theory of Planned Behavior. *Journal Of Social Psychology*, 154(4), 352-369. doi:10.1080/00224545.2014.914881
- Sahin, A., & Atilgan, K. O. (2011). Analyzing factors that drive consumers to purchase counterfeits of luxury branded products. *Journal of American Academy of Business*, 17(1), 283-292.
- Saunders, M., Lewis, P., & Thornhill, A. (2009). *Research Methods for business student (5th Ed.)* FT Essex: Prentice Hall.
- Sayar, C., & Wolfe, S. (2007). Internet banking market performance: Turkey versus the UK. *International Journal of Bank Marketing*, 25(3), 122-41.
- Schiffman, L. G., & Kanuk, L. L. (2004). *Customer behavior*. New Jersey: Prestice Hall.
- Sekaran, U. (2006). *Research methods for business: A skill building approach*. United States of America: John Wiley & Sons.
- Shi, Y., Cheung, K., & Prendergast, G. (2005). Behavioural response to sales promotion tools: a Hong Kong study. *International Journal of Advertising*, 24(4), 467.

- Staake, T., Thiesse, F., & Fleisch, E. (2009). The emergence of counterfeit trade: a literature review. *European Journal of Marketing*, 43(3/4), 320-349.
- Tang, F., Tian, V. I., & Zaichkowsky, J. (2014). Understanding counterfeit consumption. *Asia Pacific Journal of Marketing and Logistics*, 26(1), 4-20.
- Uma, S., & Roger, B. (2003). *Research Methods for Business: A skill building approach*. John Wiley and Sons Inc., New York.
- Transcrime. (2010). *Anti-brand counterfeiting in the EU: Report on international and national existing standards*. Milan, Italy: Joint Research Centre on Transnational Crime.
- Wang, F., Zhang, H., Zang, H., & Ouyang, M. (2005). Purchasing pirated software: an initial examination of Chinese consumers. *Journal of Consumer Marketing*, 22(6), 340-351.
- Wee, C. H., Ta, S. J., & Cheok, K. H. (1995). Non-price determinants of intention to purchase counterfeit goods: an exploratory study. *International Marketing Review*, 12(6), 19-46.
- Wilcox, K., Kim, H. M., & Sen, S. (2009). Why do consumers buy counterfeit luxury brands? *Journal of Marketing Research*, 46(2), 247-259.
- Yahyapour, N. (2008). Determining factors affecting intention to adopt banking recommender system. Master's Thesis, *Division of Industrial Marketing and E-commerce*, Lulea University of Technology.
- Yoon, C. (2011). Theory of planned behavior and ethics theory in digital piracy: An integrated model. *Journal of Business Ethics*, 100, 405-417. <http://dx.doi.org/10.1007/s10551-010-0687-7>
- Zeithaml, V. A., Berry, L. L., & Parasuraman, A. (1996). The behavioral consequences of service quality. *The Journal of Marketing*, 31-46.
- Zikmund, W. G. (2003). *Business Research Methods* (7th ed.). Thomson South-Western.
- Zikmund, W.G., Babin, B.J., Carr, J.C. and Griffin, M. (2010). *Business research methods* (9th Edn), Canada:South-Western Cengage Learning.