

PUBLICATIONS**A. Referred Journal papers**

1. Mufidah, I., Jiang, B.C., Lin, S.C., Chin, J., Rachmaniati, Y.P., and Persada, S.F. (2018). Understanding the Consumers' Behavior Intention in Using Green Ecolabel Product through Pro-Environmental Planned Behavior Model in Developing and Developed Regions: Lessons Learned from Taiwan and Indonesia. *Sustainability*, 10(5), 1423, doi: 10.3390/su100514235. MDPI. (SSCI). <https://www.mdpi.com/2071-1050/10/5/1423>
2. Lin, S.C., Mufidah, I. and Persada, S.F. (2017). Safety-Culture Exploration in Taiwan's Metal Industries: Identifying the Workers' Background Influence on Safety Climate. *Sustainability*, 9(11), 1965, doi: 10.3390/su9111965. MDPI. (SSCI). <http://www.mdpi.com/2071-1050/9/11/1965>
3. Lin, S.C., Nadlifatin., R., Rachmaniati, Y.P., Persada, S.F., Razif, M. (2017). Investigating the Citizens' Behavior Intention on Mandatory and Voluntary Pro-Environmental Programs through a Pro-Environmental Planned Behavior Model. *Sustainability*, 9(7), 1289; doi: 10.3390/su9071289. MDPI. (SSCI). <http://www.mdpi.com/2071-1050/9/7/1289>
4. Chen, J.C., Lin, S.C., Yu, V. (2017). Structuring an effective human error intervention strategy selection model for commercial aviation. *Journal of Air Transport Management*, V60, 65-75, May 2017. Elsevier. (SCI). <http://dx.doi.org/10.1016/j.jairtraman.2017.01.008>
5. Chin, J., and Lin, S.C. (2017). The Structural Analysis of Theory of Planned Behavior in Building Automation System in Pharmacy Industry. *International Journal of ChemTech Research*. (accepted, in print).
6. Mufidah, I., and Lin, S.C. (2017). Safety Culture Investigation in Taiwan Metal Industries: A Study of Workers Job Related Background. *Advanced Science Letter*, V23(1), 72-74(3), January 2017. doi: 10.1166/asl.2017.7150. American Scientific Publishers. (Scopus) <https://doi.org/10.1166/asl.2017.7150>
7. Nadlifatin., R., Lin, S.C., Rachmaniati, Y.P., Persada, S.F., Razif, M. (2016). A Pro-Environmental Reasoned Action Model to Measure the Citizens' Intention on Ecolabel Product Usage. *Sustainability*, 8(11), 1165; doi:10.3390/su8111165. MDPI. (SSCI) <http://www.mdpi.com/2071-1050/8/11/1165>
8. Chin, J., Lin, S.C. (2016). A Behavioral Model of Managerial Perspectives Regarding Technology Acceptance in Building Energy Management System. *Sustainability*, 8(7), 641; doi:10.3390/su8070641. MDPI. (SSCI). <http://www.mdpi.com/2071-1050/8/7/641>
9. Lin, S.C., Persada, S.F., Nadlifatin., R., Tsai, H.Y., Chu, C.H. (2015). Exploring the influential factors of manufacturers' initial intention in applying for the green mark ecolabel in Taiwan. *International Journal of Precision Engineering and Manufacturing-Green Technology*, 2(4), 359-364. Springer. (SCI). <https://doi.org/10.1007/s40684-015-0044-5>
10. Persada, S.F., Lin, S.C., Nadlifatin., R., Razif, M. (2015). Investigating the citizens' intention level in environmental impact assessment participation through an extended theory of planned behavior model. *Global Nest Journal*, 17(4), December 2015, 847-857. Elsevier. (SCI) <http://personal.its.ac.id/files/pub/5603-razif-its-global%20nest.pdf>

11. Chin, J., Lin, S.C., (2015). Investigating Users' Perspectives in Building Energy Management System with an extension of Technology Acceptance Model: A Case Study in Indonesian Manufacturing Companies. *Journal of Procedia Computer Science*, 72C, 31-39. Elsevier. (Scopus)
<https://doi.org/10.1016/j.procs.2015.12.102>
12. Nadlifatin. R., Razif, M., Lin, S.C., Persada, S.F., Belgiawan, P.F. (2015). An Assessment Model of Indonesian Citizens' Intention to Participate on Environmental Impact Assessment (EIA): a Behavioral Perspective. *Journal of Procedia Environmental Sciences*, 28, 3-10. Elsevier. (Scopus)
<https://doi.org/10.1016/j.proenv.2015.07.002>
13. Persada, S.F., Lin, S.C., Nadlifatin. R., Razif, M. (2015). A lean based analysis on the Indonesian citizens' participation in environmental impact assessment (EIA): a potential improvement through web based system and SMS-gateway. *Open Access Journal of Information Systems*, 2015, 4-9.
<http://is.its.ac.id/pubs/oajis/index.php/home/pub/27/ISICO-2015>
14. Nadlifatin. R., Lin, S.C., Persada, S.F., Razif, M. (2015). Investigating the Behavior of Citizens to Use ICT in Environmental Impact Assessment (EIA). *Open Access Journal of Information Systems*, 2015, 10-15. <http://is.its.ac.id/pubs/oajis/index.php/home/pub/27/ISICO-2015>
15. Chen, K., Lin, S.C., Yue, C., Huang, S., and Mufidah, I. (2014). Key Indicator Analysis of Work Improvement Program for Middle-Aged Workers in Taiwan's Metal Industry. *Journal of Gerontechnology and Service Management*. (in Chinese), 2(1), 49-62.
16. Persada, S., Razif, M., Lin, S.C., and Nadlifatin. R. (2014). Toward Paperless Public Announcement on Environmental Impact Assessment (EIA) through SMS Gateway in Indonesia. *Journal of Procedia Environmental Sciences*, 20 (2014), 271-279. Elsevier. (Scopus)
<https://doi.org/10.1016/j.proenv.2014.03.034>
17. Lin, S.C., Wen C.H., Hsu, S., Hsiung, G., Chang, N.W., and Tsao, C.H. (2014). Determination of Depth Enhancement through Assessments of Perceived Blur in 3D displays. *Digest of Technical Papers - SID International Symposium*, 45(1), June 2014, 1119-1122. Wiley. (SCI/SSCI). DOI: 10.1002/j.2168-0159.2014.tb00291.x
<http://onlinelibrary.wiley.com/doi/10.1002/j.2168-0159.2014.tb00291.x/abstract>
18. Chang, C.H., Wang, M.J., and Lin, S.C. (1999). Evaluating The Effects of Wearing Gloves and Wrist Support on Hand Arm Response while Operating an In-Line Pneumatic Screwdriver. *International Journal of Industrial Ergonomics*, 24 (5) 473-481. Elsevier. (SCI)
[https://doi.org/10.1016/S0169-8141\(98\)00053-5](https://doi.org/10.1016/S0169-8141(98)00053-5)
19. Wang, M.J., Lin, S.C., and Drury, C.G. (1997). Training for Strategy in Visual Search. *International Journal of Industrial Ergonomics*, 20 (2) 101-108. Elsevier. (SCI)
[https://doi.org/10.1016/S0169-8141\(96\)00043-1](https://doi.org/10.1016/S0169-8141(96)00043-1)
20. Wang, M.J. and Lin, S.C. (1993). Evaluating the Performance of Soldering Points Inspection. *Advances in Industrial Ergonomics and Safety V*, 607-614. Nielsen and Jorgensen(Eds.), Taylor & Francis.

B: Books:

1. Lin, S.C., Chen, W., and Yie, H. (2017). *Work Study -Industry 4.0, 6th edition*. (481 pages of book with 66 pages of Instructor' s manual). TingMao Publish Inc., February 2017. Taiwan. ISBN 9789863452997.
<http://www.books.com.tw/products/0010745379>

2. Chen, W. Yie, H., Lin, S.C. (2014). *Work Study and Design, 5th edition*. (472 pages of book with 55 pages of Instructor's manual). Tingmao Publish Inc., Taiwan. April 2014. ISBN 9789862269404.
3. Lehto, M.R., Lin, S.C., and Garrett, S. (2009). *An Introduction to Human Factors and Ergonomics for Engineers: Instructors Manual*, Lawrence Erlbaum Associates, Inc., Mahwah, NJ.

B. Book Chapters

1. Lin, S.C., Chen, J.C, and Li, W.C. (2015). The Analysis of Human Error Prevention Strategies in Military Aviation. *Engineering Psychology and Cognitive Ergonomics* (Harris, D. (Ed.)). EPCE 2015. Lecture Notes in Computer Science, V. 9174, 428-435. Springer.
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2. Hsu, C.K., Lin, S.C., and Li, W.C. (2015). Visual movement and mental-workload for pilot performance assessment. *Engineering Psychology and Cognitive Ergonomics* (Harris, D. (Ed.)). EPCE 2015. Lecture Notes in Computer Science, V. 9174, 356-364. Springer.
https://doi.org/10.1007/978-3-319-20373-7_34
3. Lin, S.C., Persada, S., and Nadlifatin. R. (2014). A study of student behavior in accepting the Blackboard Learning System: a Technology Acceptance Model (TAM) Approach. *Proceedings of the 2014 IEEE 18th International Conference on Computer Supported Cooperative Work in Design-CSCWD 2014*, 457-462. IEEE. (EI/Scopus).
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https://doi.org/10.1007/978-981-4451-98-7_119
5. Lin, S.C., Prasetyo, M.D., Persada, S., and Nadlifatin. R. (2013). A Naïve Bayes Based Machine Learning Approach and Application Tools Comparison Based on Telephone Conversations. *Proceedings of the Institute of Industrial Engineers Asian Conference 2013* (Y.K. Lin, Y.C. Tsao, S.W. Lin (Eds.)), 1017 - 1023. Springer. (EI/Scopus). https://dx.doi.org/10.1007/978-981-4451-98-7_121
6. Inayati, I., Lin, S.C., and Aryani, W. (2013). Comparing Two Methods of Analysis and Design Modelling Techniques: Unified Modelling Language and Agent Modelling Language. Study Case: A Virtual Bubble Tea Vending Machine System Development. *Proceedings of the Institute of Industrial Engineers Asian Conference 2013* (Y.K. Lin, Y.C. Tsao, S.W. Lin (Eds.)), 1461-1469. Springer. (EI/Scopus).
https://doi.org/10.1007/978-981-4451-98-7_171
7. Aryani, W., Lin, S.C., and Inayati, I. (2013). Persuasive Technology on User Interface Energy Display: Case Study on Intelligent Bathroom. *Proceedings of the Institute of Industrial Engineers Asian Conference 2013* (Y.K. Lin, Y.C. Tsao, S.W. Lin (Eds.)), 1471 -1477. Springer. (EI/Scopus).
https://doi.org/10.1007/978-981-4451-98-7_172
8. Darmaningrat, E.W.T. and Lin, S.C. (2012). A Bayesian Based Model Application to the Prediction of Task Accuracy – Case Study on Call Center's Agents Dialog. *Advances in Physical Ergonomics and Safety* (W. Karwowski (Eds.)), Chap 51, 452-461. CRC Press 2012. (EI)
9. Lin, S.C., Lehto, M.R., and Leman, S. (2012). Fuzzy Bayesian Based Classification of Call Center Agent Activity. *Advances in Physical Ergonomics and Safety* (W. Karwowski (Eds.)), Chap 54, 478-487. CRC Press 2012. (EI)

10. Lin, S.C. (2012). A Bayesian Based Machine Learning Application to Task Analysis. *Machine Learning: Concepts, Methodologies, Tools and Applications* (M.Khosrow (Eds.)), Chap. 18, 234-242. IGI global.
11. Lin, S.C. (2009). A Bayesian Based Machine Learning Application to Task Analysis. *Encyclopedia of Data Warehousing and Mining* (2nd Ed., J. Wang (Eds.)), Chap. 22, 133-139. IGI global. ISBN 9781605660103. DOI: 10.4018/978-1-60566-010-3.ch022
12. Lin, S.C. and Lehto, M.R. (2007). A Fuzzy Bayesian Model Based Semi-Automated Task Analysis. *Human Interface and the Management of Information. Methods, Techniques and Tools in Information Design* (M.J. Smith, G. Salvendy (Eds.)), Lecture Notes in Computer Science, V. 4557, 697-704.. Springer-Berlin Heidelberg. https://doi.org/10.1007/978-3-540-73345-4_79
13. Kite-Powell, H.L., Patrikalakis, N.M., Jin, D., Abrams, S.L., Jebsen, J., Papakonstantinou V., Lin, S.C. (1998). Formulation of a Model for Ship Transit Risk: Final Project Report. *MIT Sea Grant College Program Report*, No. 98-7.

Proceedings/Conference Papers

1. Mufidah, I., Lin, S.C., and Lin, A. Exploring Safety Climate Among Workers in the Taiwanese Metal Manufacturing and Processing Industry. *Proceedings of the Asia Pacific Industrial Engineering & Management Systems Conference 2017 (APIEMS 2017)*, December 2017, Indonesia.
2. Lin, S.C., Rachmaniati, Y.P., Nadlifatin. R., Razif, M., Persada, S., and Lin, A. (2016). Understanding the Consumers' Perspective in Accepting the Ecolabel Product by a Structural Reasoned Model Assessment. *Proceedings of the Asia Pacific Industrial Engineering & Management Systems Conference 2016 (APIEMS 2016)*, December 2016, Taipei, Taiwan.
3. Chin, J., and Lin, S.C. (2016). The Study of Theory of Planned Behavior of Building Automation System in Industrial Sector. *International Tropical Renewable Energy Conference (ITREC) 2016*. October 2016. (paper id: 00001764)
4. Li, W.C., Braithwaite, G., Greaves, M., Hsu, C.K., and Lin, S.C. (2016) The Evaluation of Military Pilot's Attention Distributions on the Flight Deck. *HCI-Aero 2016 International Conference on Human-Computer Interaction in Aerospace*. Paris, France. September 14-16, 2016. Art. no. a15, 1-6. DOI: 10.1145/2950112.2964588. http://delivery.acm.org/10.1145/2970000/2964588/a15-wen_chin.pdf
5. S., Mufidah, and Lin, S.C. (2016). Safety Culture Investigation in Taiwan Metal Industries: A Study of Workers Background. *2016 Advanced Research on Business, Management and Humanities (ARBUHUM2016)*, March 15-17, 2016. (Scopus).
6. Nadlifatin. R., Lin, S.C., Persada, S., and Razif, M. (2015). Investigating the Behavior of Citizens to Use ICT in Environmental Impact Assessment (EIA). *Information Systems International Conference 2015*. November 2-4, 2015, Surabaya, Indonesia
7. Persada, S., Lin, S.C., Nadlifatin. R., and Razif, M. (2015). A lean based analysis on the Indonesian citizens' participation in environmental impact assessment: a potential improvement through Web based system and SMS-gateway *Information Systems International Conference 2015*. November 2-4, 2015, Surabaya, Indonesia

8. Chin, J., and Lin, S.C. (2015). Investigating Users' Perspectives in Building Energy Management System with an extension of Technology Acceptance Model: A Case Study in Indonesian Manufacturing Companies. *Information Systems International Conference 2015*. November 2-4, 2015, Surabaya, Indonesia.
9. Chen, J.C., Lin, S.C., and Li, W.C. (2015). Utilization of Human factors Intervention Matrix (HFIX) to Develop Aviation Safety Management Strategy in Air Force. *HCI International 2015*, August 2-7, Los Angeles, CA.
10. Hsu, C.K., Lin, S.C., and Li, W.C. (2015). Visual movement and mental-workload for pilot performance assessment. *HCI International 2015*, August 2-7, Los Angeles, CA.
11. Persada, S., Lin, S.C., Nadlifatin. R., and, Chin, J. (2015). Influential Factors on Local and International Students in E-learning Usage for University Education in Taiwan: A Behavior Analysis Based on an Extended Theory of Reasoned Action (TRA). *The 22nd Annual Meeting of the Ergonomics Society of Taiwan*.
12. Nadlifatin, R., Lin, S.C., and Persada, S. (2015). Investigating the Factors Influencing SMS-Voting for Commercial Competition in Indonesia based on TAM and TRA. *The 22nd Annual Meeting of the Ergonomics Society of Taiwan*.
13. Tseng, Y.Y., Chang, C.Y., Chen, S.C., and Lin, S.C. (2015). Seat Pressure Distribution and Perceived Car Seat Comfort. *The 22nd Annual Meeting of the Ergonomics Society of Taiwan*.
14. Kuo, L.S., Hsu, C.T., Wu, S.H., Cheng, Y.H., and Lin, S.C. (2015). Usability Investigation of Healthcare Management System – a Case Study of Specimen Receiving System. *The 22nd Annual Meeting of the Ergonomics Society of Taiwan*.
15. Chin, J., Hardianto, I., and Lin, S.C. (2015). Investigating the Operators Workload by Using Nordic Body Map, Borg RPE and NIOSH Manual Lifting Equation Analyses: A Case Study in Sheet Metal Industry. *The 22nd Annual Meeting of the Ergonomics Society of Taiwan*.
16. Nadlifatin. R., Razif, M., Lin, S.C., Persada, S., and Belgiawan, P.F. (2014). An Assessment Model of Indonesian Citizens' Intention to Participate on Environmental Impact Assessment (EIA): a Behavioral Perspective. *The 5th International Conference on Sustainable Future for Human Security, Sustain 2014*. November 19-21, 2014, Bali, Indonesia.
17. Lin, S.C., Persada, S., and Nadlifatin. R. (2014). A Study of Student Behavior in Accepting the Blackboard Learning System: a Technology Acceptance Model (TAM) Approach. *Proceedings of the 2014 IEEE 18th International Conference on Computer Supported Cooperative Work in Design-CSCWD 2014*, 457-462. IEEE. (EI/SCOPUS). May21-23, 2014, Taiwan.
18. Chen, J.C., Lin, S.C., and Li, W.C. (2014). Utilization of Human factors Intervention Matrix (HFIX) to Develop Aviation Safety Management Strategy. *WMSCI 2014 - 18th World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings*, V(2), 50-55. July 15-18, Orlando, FL.(Scopus) http://www.iis.org/CDs2014/CD2014SCI/SCI_2014/PapersPdf/SA910ZT.pdf
19. Lin, S.C., Huang, S. Yue, C., Chen, K., and Mufidah, I. (2014). Key Indicator Analysis of Work Improvement Program for Middle-Aged Workers in Taiwan's Metal Industry. *The 9th World Conference of Gerontechnology, ISG 2014*, June 18-21, 2014, Taiwan.

20. Lin, S.C., Wen C.H., Hsu, S., Hsiung, G., Chang, N.W., and Tsao, C.H. (2014). Determination of Depth Enhancement through Assessments of Perceived Blur in 3D displays. *Annual Meetings of the Society for Information Display - SID 2014 DIGEST*, 1119-1122, San Diego, CA, USA.
21. Lin, S.C., Chang, C.Y., Chen, S.C., Mau, H.K., and Lin, B. (2014). A Case Study of Interface Usability and Performance Analysis of a Health Management System. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan.
22. Lin, S.C., and Chen, K. (2014). Innovative Sustainable Financial Services Research in Korea Green Card. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan.
23. Lin, S.C., Lin, C.H., and Lin, J.Y. (2014). Incorporation of Sleep-Comfort Technology into Intelligent Hotel Services in Taiwan. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan.
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27. Mufidah, I., Lin, S.C., and Partiwib S.G. (2014). Evaluation of Taiwanese Government Safety Culture Improvement Program to Improve Its Service Effectiveness. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan.
28. Wang, M.Y., Lin, S.C. and Chang, C.Y. (2014). An Investigation on the Influential Factors of Consumer Purchasing Decision for Green Products in Taiwan. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan.
29. Lin, S.C., Chen, K., and Mufidah, I. (2014). Behavioral Based Safety Implementation to Improve Industrial Safety in Taiwan Local Industries. *The 1st Asian Conference Ergonomics and Design - ACED2014*, May 21-24, 2014, Korea.
30. Lin, S.C., Mufidah, I. (2014). Exploring Taiwan Government's Safety Culture Improvement Program in Local Metal Industry through Questionnaire Evaluation and Workers' Background Influence Identification. *The 1st Asian Conference Ergonomics and Design - ACED2014*, May 21-24, 2014, Korea.
31. Lin, S.C., Hsiung, G., Hsu, S., Chou, P.W., Chu, H.W., Tsai, Y.T., Yueh, Y., Chang, N.W., Tsao, C.H., and Wen C.H. (2013). Visual Assessment for the Perception of Stereograph. *2013 CIIE Annual Meetings and Conference*, 152-158, Taiwan.
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37. Mau, H.S., Chang, C.Y., Chen, S.C., and Lin, S.C. (2013). The Evaluation of Efficiency of Adding Icons to Online Health Management Systems. *The 20th Annual Meeting of the Ergonomics Society of Taiwan*, 121-135.
38. Lin, S.C., Lehto, M.R., and Leman, S. (2012). Fuzzy Bayesian Based Classification of Call Center Agent Activity. *4th International Conference on Applied Human Factors and Ergonomics*, 7455-7464, San Francisco, CA.
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43. Kite-Powell, H.L., Jin, D., Lin, S.C., and Patrikalakis, N.M. (1999). Risk factors for Groundings and Collisions in U.S. Port Approaches. *The 9th International Offshore and Polar Engineering Conference*, France.
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45. Lin, S.C., Hwang, S.L., and Wang, M.J. (1994). An Experimental Study of the Chinese Character Road Sign Designs. *International Conference on Ergonomics in Safety & Health*, 189-196.