

**PUBLICATIONS****A. Referred Journal papers**

1. Chu, C.H. Liao, C.J., and Lin, S.C. (2020). Comparing Augmented Reality-Assisted Assembly Functions– A Case Study on Dougong Structure. *Applied Sciences*, 2020,10(10), 3383; doi: 10.3390/app10103383. MDPI. (SCI). <https://www.mdpi.com/2076-3417/10/10/3383>.
2. Razif, M., Ardiansyahmiraja, B., Persada, S.F., Nadlifatin, R., Belgiawan, P.F., Redi, A.A., and Lin, S.C. (2020). Investigating the Role of Environmental Concern and the Unified Theory of Acceptance and Use of Technology on Working From Home Technologies Adoption During Covid-19. *Entrepreneurship And Sustainability Issues*, 2020 September, 8(1), 795-808. (Scopus) <http://jssidoi.org/jesi/article/653>
3. Nadlifatin, R., Ardiansyahmiraja, B., Persada, S.F., Belgiawan, P.F., Redi, A.P., and Lin, S.C. (2020). The Measurement of University Students' Intention to Use Blended Learning System through Technology Acceptance Model (TAM) and Theory of Planned Behavior (TPB) at Developed and Developing Regions: Lessons Learned from Taiwan and Indonesia. *International Journal of Emerging Technologies in Learning* (iJET), 15(9), 219-230, doi: 10.3991/ijet.v15i09.11517. IAOE. (Scopus/EI). <https://doi.org/10.3991/ijet.v15i09.11517>
4. Chin, J., Herlina, Lin, S.C., Persada, S.F., JaqinI, C., and Mufidah, I. (2020). Preventive Maintenance Model for Heating Ventilation Air Conditioning in Pharmacy Manufacturing Sector. *International Journal of System Assurance Engineering and Management*, 11, 45-53, doi: 10.1007/s13198-019-00923-5. Springer. (Scopus/EI). <https://doi.org/10.1007/s13198-019-00923-5>
5. 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>
6. 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>
7. 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>
8. 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>
9. 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).
10. 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)

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11. 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)  
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12. 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>
13. 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>
14. 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)  
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15. 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)  
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16. Nadlifatin. R., Razif, M., Lin, S.C., Persada, S.F., Belgawan, 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)  
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17. 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.  
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19. Darmaningrat, E.W.T. and Lin, S.C. (2015). Sensitivity Value Analysis for Measuring Accuracy of Word Combinations Used in Predictions of Task/Job Categories. *Open Access Journal of Information Systems*, 5, 362-370. <https://doi.org/10.24089/j.sisfo.2015.03.024>
20. 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.
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<http://onlinelibrary.wiley.com/doi/10.1002/j.2168-0159.2014.tb00291.x/abstract>
23. 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)
24. 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)
25. 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, 6<sup>th</sup> 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, 5<sup>th</sup> 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.

**C. 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.  
[https://doi.org/10.1007/978-3-319-20373-7\\_41](https://doi.org/10.1007/978-3-319-20373-7_41)
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](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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4. Nomokonova, E., Lin, S.C., and Chen, G. (2013). Investigation of Safety Compliance and Safety Participation as Well as Cultural Influences Using Selenginsk Pulp and Cardboard Mill in Russia as an

Example. *Proceedings of the Institute of Industrial Engineers Asian Conference 2013* (Y.K. Lin, Y.C. Tsao, S.W. Lin (Eds.)), 1001-1007. Springer. (EI/Scopus).  
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5. Lin, S.C., Prasetio, 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](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](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](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* (2<sup>nd</sup> 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](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.

#### D. Conference Papers

1. Persada, S.F., Wibawa, B.M., Ashari, B.H., and Lin, S.C. (2020). Determinant Factors in Influencing Purchase Intention and Word of Mouth in Social Commerce. *The 2nd International Conference on Business and Management of Technology* (IConBMT 2020), August 2020, Indonesia.

2. Wibawa, A.A., Persada, S.F., and Lin, S.C. (2020). Factors That Influence Behavior Intention of Z Generation in Choosing Products of Cellular Telecommunication Services. *International Conference on Management of Technology, Innovation, and Project (MOTIP 2020)*, July 2020, Indonesia.
3. Persada, S.F., Nadlifatin., Rahman, M.F., Lin, S.C., Munthe., J.H., and Dewi, D.W (2019). A Measurement of Higher Education Students' Intention in International Class Online-Learning System for Confronting the Global Education Challenge. *Advances in Economics, Business and Management Research*, v. 135, 278-283. Atlantis Press. (EI/Scopus). *Proceedings of the 3rd Asia-Pacific International Conference on Management and Business Science (AICMBS 2019)*, October 2019, Indonesia.
4. Persada, S.F., Nadlifatin, R., and Lin, S.C (2019). Understanding the Intention of Higher Education Students in International Class E-Learning for Facing Global Education. *The 1st International Conference on Business and Management of Technology (IConBMT 2019)*, August 2019, Indonesia.
5. Mufidah, I., Lin, S.C., and Lin, A. (2017). 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.
6. 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.
7. 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)
8. 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.  
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9. 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).
10. 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
11. 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
12. 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.

13. 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.
14. 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.
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16. 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 22<sup>nd</sup> Annual Meeting of the Ergonomics Society of Taiwan*.
17. Tseng, Y.Y., Chang, C.Y., Chen, S.C., and Lin, S.C. (2015). Seat Pressure Distribution and Perceived Car Seat Comfort. *The 22<sup>nd</sup> Annual Meeting of the Ergonomics Society of Taiwan*.
18. 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 22<sup>nd</sup> Annual Meeting of the Ergonomics Society of Taiwan*.
19. 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 22<sup>nd</sup> Annual Meeting of the Ergonomics Society of Taiwan*.
20. 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 5<sup>th</sup> International Conference on Sustainable Future for Human Security, SustaiN 2014*. November 19-21, 2014, Bali, Indonesia.
21. 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.  
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23. 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.
24. 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.

25. 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.
26. 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.
27. 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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29. Lin, S.C., Tsai, H.Y., and Shen, T.Y. (2014). An Investigation on the Influential Factors of Green Product Manufacturers' Experiences and Decisions to Apply for Eco-Label "Green Mark" in Taiwan. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan.
30. Chen, J., and Lin, S.C. (2014). A Trend Tracking Strategy for HSI and TAIFEX Equity Future. *International Conference on Service Sciences and Innovations – ICSSI 2014*, June 4-6, 2014, Taiwan. (Best paper in track of Service Practices in Industries).
31. Mufidah, I., Lin, S.C., and Partihib 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. Lin, S.C., Persada, and S., Nadlifatin. R. (2013). Investigating the Factors Influencing SMS-Voting for Commercial Competition in Indonesia based on TAM and TPB. *2013 CIIE Annual Meetings and Conference*, 421-427, Taiwan.
37. Nomokonova, E., Lin, S.C., and Chen, G. (2013). Investigation of Safety Compliance and Safety Participation as Well as Cultural Influences Using Selenginsk Pulp and Cardboard Mill in Russia as an Example. *Proceedings of the Institute of Industrial Engineers Asian Conference 2013*, 1001-1007. Springer. (EI/Scopus). [https://doi.org/10.1007/978-981-4451-98-7\\_119](https://doi.org/10.1007/978-981-4451-98-7_119)

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