

PERSONAL INFORMATION

Name: **Shabbir Syed-Abdul**

Nationality: Indian

Current position: Professor, Graduate Institute of Biomedical Informatics, Taipei Medical University, Taipei, Taiwan.

Artificial Intelligence and Digital Health Consultant,

Principal Investigator at International Center for Health Information Technology

Organization: College of Medical Science and Technology, Taipei Medical University, Taiwan.

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Dr. Shabbir Syed-Abdul

CURRICULUM VITAE

Education

- **Medical Doctor – Saint Petersburg Medical Academy Russia.**
- **Master of Science – Telemedicine and eHealth from the University of Tromso, Norway.**
- **Doctor of Philosophy – Health Informatics from National Yang-Ming University, Taiwan.**

- Research Interests –

Professor Shabbir Syed-Abdul is a strong health informatics research professional with expertise in artificial intelligence and internet of things in healthcare. His research focus revolves around long term care of older adults and early prediction and management of chronic diseases such as cancer, chronic kidney disease, etc. He is a Professor at the Graduate Institute of Biomedical Informatics, a leading researcher and a principal investigator at the International Center for Health Information Technology, Taipei, Taiwan. He has been an educator for MOOCs on FutureLearn since 2015.

He was awarded PhD in 2013, and in his Doctorate dissertation, he adopted a reverse translational approach by applying Knowledge Discovery from Databases (KDD) and novel visualization techniques on healthcare data, thus resulting in a creation of an interactive disease-wide association map (<http://disease-map.net/>) and Phenome-Wide Associations database (<http://pwas.tmu.edu.tw/>). He performed the role as a physician, a researcher and a principal investigator both in the developed and developing world. This made him to lead advanced global knowledge on the factors that impact on the development of sustainable healthcare, in particular focusing on innovation and ageing

populations.

He is recognized as a part of the WHO roster of Infodemic managers to support technical assistance in countries in infodemic management and response to health misinformation. He has been actively involved in Social Media in Health research at the Social Media Working Group IMIA (International Medical Informatics Association). He is also a member of the Asia-Pacific Association for Medical Informatics (APAMI) Scientific Program Committee.

He has been actively involved in mobile tele-dermatology project, utilizing smart-phones in remote, resource poor settings of developing countries, open personal health record project along with several European Commission funded H2020 projects. He is also one of the mentors in the course, Health Information Technology for resource-poor settings. He was also a part of the ITU Focus Group on Artificial Intelligence for Health (FG AI4H) in partnership with ITU and World Health Organization (WHO).

Dr. Shabbir has an excellent track record of accomplishing projects and publishing over 80 articles in the SCI prestigious journals including The Lancet, BMJ, JAMIA, Journal of Medical Internet Research, Burns, PlosOne and Computer Methods and Programs in Biomedicine.

His major research interests revolve around Artificial Intelligence, Big data analysis and visualisation, Long-term care with Wearable technologies, mHealth, Personal Health Records, Social Network in healthcare and Hospital Information System. Through his work he looks forward to empower care providers and improve patient engagement and patient empowerment. He feels one of the ways to achieve it is to focus on the management and flow of the health/medical information among health care providers and seekers.

Citation indices @ [Google Scholar](#) (January 2021)

Citations: 1756

h-index: 24

i10-index: 44

[Researchgate](#) Score 36.62 (higher than 92.5% of ResearchGate members.)

- International Awards –

- **Plum Blossom Card (Permanent Resident Certificate) by Government of Taiwan 2017.**
- **New Investigator of Global Health by Global Health Council 2010. Washington DC.**
- **National Yang Ming University Scholarship 2009—2011.**
- **International Scholar Ex-Change programme by Norwegian Research Council 2009.**
- **Quota scholarship at Tromso University, Norway 2006--2008.**

Patents

- **TW Patent #. M 409487. Mobile Personal Health Record System**
- **US Patent# 20150356272 Prescription Analysis System And Method For Applying Probabilistic Model Based On Medical Big Data**
- **US Patent# US20180360346A1 Electronic incentive spirometer**

Books:

- **Participatory Health through Social Media** Edited by: **Shabbir Syed-Abdul**, Elia Gabarron and Annie Lau
ISBN: 978-0-12-809269-9.
Publisher: Elsevier Inc.2016.
- **Digital Health : Mobile and Wearable Devices for Participatory Health Applications** Edited by **Shabbir Syed-Abdul** , Xinxin Zhu , Luis Fernandez-Luque
ISBN10 0128200774
ISBN13 9780128200773
Publisher: Elsevier Science Publishing Co Inc. 2020
- **Smart Home Technologies and Services for Geriatric Rehabilitation** Edited by Amine Choukou, and **Shabbir Syed-Abdul**
Publisher: Elsevier Science Publishing Co Inc. 2021

MOOCS courses:

1. Social Media in Healthcare: Opportunities and Challenges, total 11,334 learners (*9 course runs since Nov 2015*)
2. Internet of Things for Active Aging, total 10,123 learners (*7 course runs since Oct 2016*)
3. Digital Health for Cancer Management: Smart Health Technologies in Complex Diseases, total 2578 learners (*4 course runs since Dec 2017*)
4. Artificial Intelligence for Healthcare: Opportunities and Challenges, total 1804 learners (*2 course runs since May 2019*)

Projects (2015-19):

1. Artificial Intelligence based Activity Recognition and Mortality Prediction using Circadian Rhythm, among Cancer Patients in the Hospice Ward
2. H2020 SmokeFreeBrain: Multidisciplinary tools for improving the efficacy of public prevention measures against smoking (106-2923-E-038-001-MY2)
3. The Role of Respiratory Rate Variability and Heart Rate Variability in Predicting Adverse Event in the

Hemodialysis patients (106-2221-E-038-005-)

4. CrowdHEALTH project: Using health-related big data for supporting policy making decisions (107-2923-E-038-001-MY2)

5. AI-based Personal Health Record Management System (PHRMS) for Cancer Risk Prediction: Taiwan – India Collaboration Fostering (106-研-R-0018)

6. Virtual Reality among the elderly

7. Wearable technology for the patient recognition in the Shin Kong Wu Ho-Su Memorial Hospital, grant number: SKH-TMU-104-02

As speaker in International Conference:

1. International Conference on Vocational Innovation and Applied Sciences, 2019 (Indonesia)

2. International Conference of AI in Healthcare 2018(Los Angeles, U.S.A.)

3. Medinfo 2017(Hangzhou, China)

4. 1st International Saudi Health Informatics Conference(Riyadh, Saudi Arabia)

5. CATCH Orientation Conference(Dublin, Ireland)

6. Apollo Hospital Conference(Chennai, India)

7. AIIMS conference for AI-based Personal Health Record Management System(PHRMS) for Cancer Risk Prediction: Taiwan-India Collaboration Fostering (Mohali, India)

OGE IHP courses 2017:

1. The role of social media in healthcare

2. Healthcare big data visualization and analytics

3. Smart technologies for active aging

4. IoT in healthcare

Media coverage:

1. <https://www.cna.com.tw/news/ahel/202004230326.aspx>
2. <https://health.ltn.com.tw/article/breakingnews/3143028>
3. <https://health.udn.com/health/story/120952/4514063>
4. <https://money.udn.com/money/story/5648/4513212>
5. <https://times.hinet.net/news/22872413>
6. <https://www.gvm.com.tw/article/69058>
7. <http://www.chinatimes.com/newspapers/20170403000300-260106>
8. <https://udn.com/news/story/6928/2220952>
9. <http://www.peoplenews.tw/news/a5e27b76-83e8-49cb-b905-387117150295>

Participation in programs:

1. 2016 & 2017 TTT Program
2. Mentor of TMU COMST lab meeting since 2015
3. 2017 TEEP @ India Program
4. Committee of International Affairs, GIBI, TMU

My Publications from 2011

1. Wadali, Jagjot Singh, Sanjay P. Sood, Rajesh Kaushish, **Shabbir Syed-Abdul**, Praveen K. Khosla, and Madhu Bhatia. "Evaluation of Free, Open-source, Web-based DICOM Viewers for the Indian National Telemedicine Service (eSanjeevani)." *Journal of Digital Imaging* 33, no. 6 (2020): 1499-1513.
2. Uddin, Mohy, and **Shabbir Syed-Abdul**. "Introduction to digital health approach and mHealth applications for participatory health." In *Digital Health*, pp. 1-6. Elsevier, 2020.
3. Ryan, Charles, Alexa Minc, Juan Caceres, Alexandra Balsalobre, Achal Dixit, Becky KaPik Ng, Florian Schmitzberger, **Shabbir Syed-Abdul**, and Christopher Fung. "Predicting severe outcomes in Covid-19 related illness using only patient demographics, comorbidities and symptoms." *The American Journal of Emergency Medicine* (2020).
4. Cooper J. Galvin; Yu-Chuan (Jack) Li; Shwetambara Malwade; **Shabbir Syed-Abdul**. COVID-19 preventive measures showing an unintended decline in infectious diseases in Taiwan. *International Journal of Infectious Diseases*. Accepted June 2020.
5. Dovgan, Erik, Anton Gradišek, Mitja Luštrek, Mohy Uddin, Aldilas Achmad Nursetyo, Sashi Kiran Annavarajula, Yu-Chuan Li, and **Shabbir Syed-Abdul**. "Using machine learning models to predict the initiation of renal replacement therapy among chronic kidney disease patients." *Plos one* 15, no. 6 (2020): e0233976.
6. Srinivasan, Kathiravan, Nivedhitha Mahendran, Durai Raj Vincent, Chuan-Yu Chang, and **Shabbir Syed-Abdul**. "Realizing an Integrated Multistage Support Vector Machine Model for Augmented Recognition of Unipolar Depression." *Electronics* 9, no. 4 (2020): 647.
7. **Syed-Abdul, S.**, Firdani, R.P., Chung, H.J., Uddin, M., Hur, M., Park, J.H., Kim, H.W., Gradišek, A. and Dovgan, E., 2020. Artificial Intelligence based Models for Screening of Hematologic Malignancies using Cell Population Data. *Scientific Reports*, 10(1), pp.1-8.
8. Uddin, Mohy, and **Shabbir Syed-Abdul**. "Data Analytics and Applications of the Wearable Sensors in Healthcare: An Overview." (2020): 1379.
9. Hors-Fraile, Santiago, Shwetambara Malwade, Francisco Luna-Perejon, Claudio Amaya, Antón Civit, Francine Schneider, Panagiotis Bamidis, **Shabbir Syed-Abdul**, Yu-Chuan Li, and Hein de Vries. "Opening the Black Box: Explaining the Process of Basing a Health Recommender System on the I-Change Behavioural Change Model." *IEEE Access* (2019).
10. Luna-Perejon, Francisco, Shwetambara Malwade, Charis Styliadis, Javier Civit, Daniel Cascado-Caballero, Evdokimos Konstantinidis, **Shabbir Syed Abdul**, Panagiotis D. Bamidis, Anton Civit, and Yu-Chuan Jack Li. "Evaluation of user satisfaction and usability of a mobile app for smoking cessation." *Computer methods and programs in biomedicine* 182 (2019): 105042.
11. **Syed-Abdul, S.**, Malwade, S., Nursetyo, A. A., Sood, M., Bhatia, M., Barsasella, D., ... & Li, Y. C. J. (2019). Virtual reality among the elderly: a usefulness and acceptance study from Taiwan. *BMC geriatrics*, 19(1), 1-10.
12. Nursetyo, A. A., **Syed-Abdul, S.**, Uddin, M., & Li, Y. J. (2019). Graft Rejection Prediction Following Kidney Transplantation Using Machine Learning Techniques: A Systematic Review and Meta-Analysis. *Studies in health technology and informatics*, 264, 10-14.
13. Uddin, M., & **Syed-Abdul, S.** (2018). Role of electronic patient reported safety incidents in improving patient safety and care. *International Journal for Quality in Health Care*.
14. Hors-Fraile, Santiago, Shwetambara Malwade, Dimitris Spachos, Luis Fernandez-Luque, Chien-Tien Su, Wei-Li Jeng, **Shabbir Syed-Abdul**, Panagiotis Bamidis, and Yu-Chuan Jack Li. "A recommender system to quit smoking with mobile motivational messages: study protocol for a randomized controlled trial." *Trials* 19, no. 1 (2018): 618.
15. Islam, M., Poly, T. N., Walther, B. A., Dubey, N. K., Anggraini Ningrum, D. N., & **Shabbir, S. A.** (2018). Adverse

- outcomes of long-term use of proton pump inhibitors: a systematic review and meta-analysis. *European journal of gastroenterology & hepatology*, 30(12), 1395-1405.
16. Dubey, Navneet, Dina Ningrum, Rajni Dubey, Yue-Hua Deng, Yu-Chuan Li, Peter Wang, Joseph Wang, **Shabbir Syed-Abdul**, and Win-Ping Deng. "Correlation between diabetes mellitus and knee osteoarthritis: A dry-to-wet lab approach." *International journal of molecular sciences* 19, no. 10 (2018): 3021.
 17. Thakur, Saurabh, **Shabbir Abdul**, Hsiao-Yean Chiu, Ram Roy, Po-Yu Huang, Shwetambara Malwade, Aldilas Nursetyo, and Yu-Chuan Li. "Artificial-Intelligence-Based Prediction of Clinical Events among Hemodialysis Patients Using Non-Contact Sensor Data." *Sensors* 18, no. 9 (2018): 2833.
 18. Iqbal, U., Dagan, A., **Syed-Abdul, S.**, Celi, L. A., Malwade, S., Hsu, M. H., & Li, Y. J. (2018). A hackathon promoting Taiwanese health-IoT innovation. *Computer methods and programs in biomedicine*, 163, 29.
 19. Ganapathy, K., **Abdul, S. S.**, & Nursetyo, A. A. (2018). Artificial intelligence in neurosciences: A clinician's perspective. *Neurology India*, 66(4), 934.
 20. Shwetambara Malwade, **Shabbir Syed Abdul***, Mohy Uddin, Aldilas Achmad Nursetyo, Luis Fernandez-Luque, Xinxin Katie Zhu, Liezel Cilliers, Chun-Por Wong, Panagiotis Bamidis, Yu-Chuan Jack Li (2018). "Mobile and wearable technologies in healthcare for the ageing population". *Computer methods and programs in biomedicine*. IF 2.503, Rank 20.2%, Total score: 54.0 <https://www.sciencedirect.com/science/article/pii/S0169260717314578>
 21. Shwetambara Kekade, Chung-Ho Hsieh, Md Mohaimenul Islam, Suleman Atique, Abdulwahed Mohammed Khalfan, Yu-Chuan Li, **Shabbir Syed Abdul***(Jan.2018)."The usefulness and actual use of wearable devices among the elderly population". *Computer methods and programs in biomedicine*.
 22. Suleman Atique, Ta-Chien Chan, Chien-Chou Chen, Chien-Yeh Hsu, Somia Iqtidar, Valérie R Louis, **Syed Abdul Shabbir**, Ting-Wu Chuang(Dec.2017), "Investigating spatio-temporal distribution and diffusion patterns of the dengue outbreak in Swat, Pakistan". *Journal of infection and public health*.
 23. Md Mohaimenul Islam, Hsuan-Chia Yang, Phung-Anh Nguyen, Tahmina Nasrin Poly, Chih-Wei Huang, Shwetambara Kekade, Abdulwahed Mohammed Khalfan, Tonmoy Debnath, Yu-Chuan Jack Li, **Shabbir Syed Abdul**(Dec.2017). "Exploring association between statin use and breast cancer risk: an updated meta-analysis". *Archives of gynecology and obstetrics*.
 24. Hong-Jie Dai, Emily Chia-Yu Su, Mohy Uddin, Jitendra Jonnagaddala, Chi-Shin Wu, **Shabbir Syed-Abdul**(Nov.2017). "Exploring associations of clinical and social parameters with violent behaviors among psychiatric patients". *Journal of biomedical informatics*.
 25. Usman Iqbal, Tzu-Hao Chang, Phung-Anh Nguyen, **Shabbir Syed-Abdul**, Hsuan-Chia Yang, Chih-Wei Huang, Suleman Atique, Wei-Chung Yang, Max Moldovan, Wen-Shan Jian, Min-Huei Hsu, Yun Yen, Yu-Chuan Jack Li(Oct.2017). "Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence". *Journal of biomedical informatics*.
 26. Chung Ming Lo, **Shabbir Syed-Abdul**, Li YC Jack(Sept.2017). The integration of image processing and machine learning for the diagnosis of stroke in CT. *Computer methods and programs in biomedicine*.
 27. **Shabbir Syed-Abdul**, Usman Iqbal, Li YC Jack(Aug.2017). The novel use of an Extreme learning machines for clinical decision support systems. *Computer methods and programs in biomedicine*.
 28. **Shabbir Syed-Abdul**, Usman Iqbal, Li YC Jack(June 2017). Predictive Analytics through Machine Learning in the clinical settings. *Computer methods and programs in biomedicine*.
 29. Suleman Atique, Chung-Ho Hsieh, Ruei-Ting Hsiao, Usman Iqbal, Phung Anh Alex Nguyen, Md Mohaimenul Islam, Yu-Chuan Jack Li, Chien-Yeh Hsu, Ting-Wu Chuang, **Shabbir Syed-Abdul**(June 2017). Viral warts (Human Papilloma Virus) as a potential risk for breast cancer among younger females. *Computer methods and programs in biomedicine*.
 30. Md Mohaimenul Islam, Usman Iqbal, Bruno Andreas Walther, Phung-Anh Nguyen, Yu-Chuan Jack Li, Navneet Kumar Dubey, Tahmina Nasrin Poly, Jakir Hossain Bhuiyan Masud, Suleman Atique, **Shabbir Syed-Abdul**(June 2017). Gender-based personalized pharmacotherapy: a systematic review. *Archives of gynecology and obstetrics*.
 31. Usman Iqbal, Phung Anh Nguyen, **Shabbir Syed-Abdul**, Wen-Shan Jian, Yu-Chuan Jack Li(Apr. 2017). Observational Data Exploration Via Online Tool For For Drugs and Cancer Risk. *International Journal for Population Data Science*.
 32. Brook Tesfaye, Suleman Atique, Noah Elias, Legesse Dibaba, **Shabbir Syed-Abdul**, Mihiretu ebete(Mar. 2017). Determinants and development of a webbased child mortality prediction model in resource-limited settings: A data mining approach. *Computer methods and programs in biomedicine*.
 33. **Shabbir Syed-Abdul**, Usman Iqbal, Yu-Chuan Jack Li(Feb. 2017). Evaluating quality improvement methods and economics of preventable adverse events in the healthcare: From Africa to Europe. *International Journal for Quality in Health Care*.
 34. Eman Asiri, Mohamed Khalifa, **Shabbir Syed-Abdul**, Md Nassif Hossain, Usman Iqbal, Mowafa Househ(Feb.

- 2017). Sharing sensitive health information through social media in the Arab world. *International Journal for Quality in Health Care*.
35. Tahmina Nasrin Poly, Md Mohaimenul Islam, Bruno Andreas Walther, Hsuan-Chia Yang, Phung-Anh Nguyen, Chih-Wei Huang, **Shabbir Syed-Abdul**, Yu-Chuan Jack Li(2017). Exploring the Association between Statin Use and the Risk of Parkinson's Disease: A Meta-Analysis of Observational Studies. *Neuroepidemiology*.
 36. Suleman Atique, **Shabbir Syed Abdul**, Chien-Yeh Hsu, Ting-Wu Chuang(Oct. 2016). Meteorological influences on dengue transmission in Pakistan. *Asian Pacific journal of tropical medicine*.
 37. Alan Hwang, Leslie Chou, MM Islam, Yu-Chuan Li, **Shabbir Syed-Abdul**(Oct. 2016). Risk factors for ectopic pregnancy in the Taiwanese population: a retrospective observational study. *Archives of gynecology and obstetrics*.
 38. **Shabbir Syed-Abdul**, Usman Iqbal, Yu-Chuan Li(Sept. 2016). Impact of continuity of care on preventable hospitalization and evaluating patient safety indicators between Italy and the USA. *International Journal for Quality in Health Care*.
 39. Suleman Atique, Mowafa Hosueh, Luis Fernandez-Luque, Elia Gabarron, Marian Wan, Onkar Singh, Vicente Traver Salcedo, Yu-Chuan Jack Li, **Shabbir Syed-Abdul**(Aug.2016). Lessons learnt from a MOOC about social media for digital health literacy. *Engineering in Medicine and Biology Society (EMBC), 2016 IEEE 38th Annual International Conference*.
 40. Navneet Kumar Dubey, **Shabbir Syed-Abdul**, Phung Anh Nguyen, Rajni Dubey, Usman Iqbal, Yu-Chuan Li, Wei-Hong Chen, Win-Ping Deng(Aug.2016). Association between anxiety state and mitral valve disorders: A Taiwanese population-wide observational study. *Computer methods and programs in biomedicine*.
 41. **Shabbir Syed-Abdul**, Elia Gabarron, Annie Lau(June 2016). *Participatory Health Through Social Media*. Academic Press.
 42. Usman Iqbal, **Shabbir Syed-Abdul**, Yu-Chuan Jack Li(June 2016). Advantages of involving patients in the guidelines development. *International Journal for Quality in Health Care*.
 43. Hong-Jie Dai, Musa Touray, Jitendra Jonnagaddala, **Shabbir Syed-Abdul**(May 2016). Feature engineering for recognizing adverse drug reactions from twitter posts. *Information*.
 44. Usman Iqbal, Chun-Kung Hsu, Phung Anh Alex Nguyen, Daniel Livius Clinciu, Richard Lu, **Shabbir Syed-Abdul**, Hsuan-Chia Yang, Yao-Chin Wang, Chu-Ya Huang, Chih-Wei Huang, Yo-Cheng Chang, Min-Huei Hsu, Wen-Shan Jian, Yu-Chuan Jack Li(Apr.2016). Cancer-disease associations: A visualization and animation through medical big data. *Computer methods and programs in biomedicine*.
 45. Usman Iqbal, **Shabbir Syed-Abdul**, Yu-Chuan Li(Mar.2016). Work environment and quality improvement in healthcare. *International Journal for Quality in Health Care*.
 46. Suleman Atique, Yen-Liang Lee, **Shabbir Syed-Abdul**, Chien-Yeh Hsu, Hsiao-Hsien Rau(Feb.2016). Organizational Benefits of Computerized Physician Order Entry (CPOE) System in Pakistan. *Platform Technology and Service (PlatCon), 2016 International Conference*.
 47. **Shabbir Syed-Abdul**, Usman Iqbal, Yu-Chuan Li(Jan.2016). Improving trustworthiness for the codes of International Classification of Diseases 11th version and reducing hospital readmissions in order to improve healthcare services. *International Journal for Quality in Health Care*.
 48. **Shabbir Syed-Abdul**, E Gabarron, AYS Lau, M Househ(2016). An introduction to participatory health through social media. *Participatory Health Through Social Media*.
 49. Benjamin Allès, Camille Pouchieu, Anne Gruber, Pierre Lebailly, Hugues Loiseau, Pascale Fabbro-Peray, Luc Letenneur, Isabelle Baldi, Seung-Kwon Myung, Hong-Bae Kim, Sun-Mi Lee, Yon Chul Park, Caroline Arquizan, Luc Bauchet, Christina F Lassen, Lars Bertram, Beate Ritz, Yu-Hsuan Chuang, Christina M Lill, Pei-Chen Lee, Johnni Hansen, Naomi Greene, Janet S Sinsheimer, Md Mohaimenul Islam, Usman Iqbal, Bruno Walther, Navneet Kumar Dubey, Suleman Atique, Phung-Anh Nguyen, Tahmina Nasrin Poly, Jakir Hossain Bhuiyan Masud, Yu-Chuan Jack Li, **Shabbir Syed-Abdul**, Daniel G Hackam, Moira K Kapral, Manav V Vyas, Frank L Silver, Audrey Laporte, Ana Villaverde-Hueso, Germán Sánchez-Díaz, Greta Arias-Merino, Manuel Hens, Antonio Morales-Piga, Ignacio Abaitua-Borda, Eva Bermejo-Sánchez, Manuel Posada de la Paz, Verónica Alonso-Ferreira, Rashmee U Shah, Austin B Rupp, Danielle Mowery, Mingyuan Zhang, Greg Stoddard, Vikrant Deshmukh, Bruce E Bray, Rachel Hess, Matthew T Rondina, Druckerei Stücker, Korean Meta-Analysis (KORMA) Study Group(2016). *New Zealand Applied Neurosciences Conference*. Auckland, New Zealand, November 24-26, 2016: Abstracts. *Neuroepidemiology*.
 50. Md Mohaimenul Islam, Usman Iqbal, Bruno Walther, Suleman Atique, Navneet Kumar Dubey, Phung-Anh Nguyen, Tahmina Nasrin Poly, Jakir Hossain Bhuiyan Masud, Yu-Chuan Jack Li, **Shabbir Syed-Abdul**(2016). Benzodiazepine use and risk of dementia in the elderly population: a systematic review and meta-analysis. *Neuroepidemiology*.
 51. Qinghua Wang, **Shabbir Syed-Abdul**, Lara Almeida, Sophia Ananiadou, Yalbi I Balderas-Martínez, Riza Batista-Navarro, David Campos, Lucy Chilton, Hui-Jou Chou, Gabriela Contreras, Laurel Cooper, Hong-Jie Dai,

- Barbra Ferrell, Juliane Fluck, Socorro Gama-Castro, Nancy George, Georgios Gkoutos, Afroza K Irin, Lars J Jensen, Silvia Jimenez, Toni R Jue, Ingrid Keseler, Sumit Madan, Sérgio Matos, Peter McQuilton, Marija Milacic, Matthew Mort, Jeyakumar Natarajan, Evangelos Pafilis, Emiliano Pereira, Shruti Rao, Fabio Rinaldi, Karen Rothfels, David Salgado, Raquel M Silva, Onkar Singh, Raymund Stefancsik, Chu-Hsien Su, Suresh Subramani, Hamsa D Tadepally, Loukia Tsaprouni, Nicole Vasilevsky, Xiaodong Wang, Andrew Chatr-Aryamontri, Stanley JF Laulederkind, Sherri Matis-Mitchell, Johanna McEntyre, Sandra Orchard, Sangya Pundir, Raul Rodriguez-Esteban, Kimberly Van Auken, Zhiyong Lu, Mary Schaeffer, Cathy H Wu, Lynette Hirschman, Cecilia N Arighi(2016). Overview of the interactive task in BioCreative V. Database.
52. Vallaurie Crawford, **Shabbir Syed-Abdul**(2016). Health Information Technologies for Geriatrics: The Big Picture. Nursing Informatics.
 53. CK Wang, ONKAR Singh, HJ Dai, JITENDRA Jonnagaddala, TONI ROSE Jue, USMAN Iqbal, ECY Su, **Shabbir Syed-Abdul**, JYC Li(Jan.2016). NTTMUNSW system for adverse drug reactions extraction in Twitter data. Proceedings of the Social Media Mining Shared Task Workshop at the Pacific Symposium on Biocomputing, Big Island, HI, USA.
 54. Hong-Jie Dai, Chu-Hsien Su, Po-Ting Lai, Ming-Siang Huang, Jitendra Jonnagaddala, Toni Rose Jue, Shruti Rao, Hui-Jou Chou, Marija Milacic, Onkar Singh, **Shabbir Syed-Abdul**, Wen-Lian Hsu(Jan.2016). MET network in PubMed: a text-mined network visualization and curation system. Database.
 55. Usman Iqbal, **Shabbir Syed-Abdul**, Yu-Chuan Li(Nov.2015). Health information technology and team work to improve health care. International Journal for Quality in Health Care.
 56. Balla Rama Devi, **Shabbir Syed-Abdul**, Arun Kumar, Usman Iqbal, Phung-Anh Nguyen, Yu-Chuan Jack Li, Wen-Shan Jian(Nov.2015). mHealth: An updated systematic review with a focus on HIV/AIDS and tuberculosis long term management using mobile phones. Computer methods and programs in biomedicine.
 57. **Shabbir Syed-Abdul**, Min-Huei Hsu, Usman Iqbal, Jeremiah Scholl, Chih-Wei Huang, Phung Anh Nguyen, Peisan Lee, Maria Teresa García-Romero, Yu-Chuan Li, Wen-Shan Jian(Sept.2015). Utilizing health information technology to support universal healthcare delivery: experience of a national healthcare system. Telemedicine and e-Health.
 58. Usman Iqbal, **Shabbir Syed-Abdul**, Yu-Chuan Li(Aug.2015). Improving quality of care and patient safety as a priority. International Journal for Quality in Health Care.
 59. Yu-Chuan Jack Li, Ju-Chuan Yen, Wen-Ta Chiu, Wen-Shan Jian, **Shabbir Syed-Abdul**, Min-Huei Hsu(Aug.2015). Building a National Electronic Medical Record Exchange System—Experiences in Taiwan. Computer methods and programs in biomedicine.
 60. **Shabbir Syed-Abdul**, Usman Iqbal, Yu-Chuan Li(July 2015). Healthcare quality and safety in developing countries. International Journal for Quality in Health Care.
 61. K Byamba, **Shabbir Syed-Abdul**, M García-Romero, C-W Huang, S Nergyi, A Nyamdorj, P-A Nguyen, U Iqbal, K Paik, L Celi, V Nikore, M Somai, W-S Jian, Y-C Li(July 2015). Mobile teledermatology for a prompter and more efficient dermatological care in rural Mongolia. The British journal of dermatology.
 62. Chih-Wei Huang, Usman Iqbal, **Shabbir Syed-Abdul**, Wen-Shan Jian, Yu-Chuan Jack Li(Mar.2015). Visualization of the Spectrum on Chronic Kidney Disease. Indian Journal of Medical Informatics.
 63. Chih-Wei Huang, **Shabbir Syed-Abdul**, Wen-Shan Jian, Usman Iqbal, Phung-Anh Nguyen, Peisan Lee, Shen-Hsien Lin, Wen-Ding Hsu, Mai-Szu Wu, Chun-Fu Wang, Kwan-Liu Ma, Yu-Chuan Li(Mar.2015). A novel tool for visualizing chronic kidney disease associated polymorbidity: a 13-year cohort study in Taiwan. Journal of the American Medical Informatics Association.
 64. P Lee, C-F Chen, H-T Wan, W-S Jian, M-H Hsu, **Shabbir Syed-Abdul**, C-W Huang, Y-C Huang, Y-T Lin, T-J Chen, Y-HWu, Y-C Li(Mar.2015). iSlide: a 'big picture'interactive teledermatopathology e-learning system. British Journal of Dermatology.
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