

## **Author's Publications Relevant to the Thesis:**

### **Web of Science / Impact Journal:**

1. Salman, I. Ganapati P. and Vomlel, J. Development and Performance Evaluation of a Novel Bayesian Network Model for the Classification of Heart Disease. Applied Clinical Informatics (Resubmitted: Under review) **(IF: 2.9)**
2. Salman, I. and Vomlel, J. Learning The Structure of Bayesian Network from Incomplete Data Using a Mixture Model. Informatica, 47(1). **(IF: 0.762) (The paper has been cited one time)**
3. Salman, I. Heart attack mortality prediction: An application of machine learning methods. Turkish Journal of Electrical Engineering and Computer Sciences [this link is disabled](#), 2019, 27(6), pp. 4378–4389 **(IF: 1.1) (The paper has been cited nine times)**

### **Scopus Journal:**

4. Alnader, A., Salman, I., Ajami, K., and Alzein, A. Arabic ontology-based approach for chest diseases diagnosis. Journal of Theoretical and Applied Information Technology [this](#), 2018, 96(21), pp. 7077–7087 **(IF: 0.594)**

### **Web of Science full paper conference:**

5. Salman, I. and Vomlel, J. A machine learning method for incomplete and imbalanced medical data. In: 20TH Czech-Japan seminar on data analysis and decision making 2017 **(The paper has been cited one time)**

### **Scopus full paper conference:**

6. Salman, I. Learning the Structure of the Tree and Tree-Augmented Naive Bayesian from Incomplete and Impalanced data. In: International Arab Conference on Information Technology. IEEE Xplore, 2020. p. 1-7. ISSN 1812-0857. ISBN 978-1-7281-8855-3.

### **Other Publications of the Author:**

7. Daood, A., Salman, I., and Ghneim, N. Comparison study of automatic classifiers performance in emotion recognition of Arabic social media users. Journal of Theoretical and Applied Information Technology, 2017, 95(19), pp. 5172–5183 **(The paper has been cited two times)**