**Publication and Academic Activities**

**Publications Before 2017-18**

1. Baranes & Palas (2016)Baranes, A., & Palas, R. (2016a). The Prediction of Earnings Movements Using Accounting Data: Using XBRL. *International Journal of Accounting Research*, *4*(2), 1–7. https://doi.org/10.4172/2472-114X.1000143
2. Baranes, A., & Palas, R. (2016). The Prediction of Earnings Movements Using Accounting Data:Based on XBRL. *The Business Management Review*, *8*(1), 144–152. https://doi.org/10.4172/2472-114X.1000143
3. Baranes, A., & Palas, R. (2017). USING XBRL DATA TO PREDICT EARNINGS MOVEMENTS. *International Journal of Advanced Engineering and Management Research*, *2*(3), 528–551. Retrieved from http://ijaemr.com/uploads/ijaemr\_01\_103.pdf
4. Baranes, A. & Palas, R. (2017). Multivariate Imputation of XBRL Data for Financial Statement Analysis. International Journal of Information Research and Review (IJIIRR). Vol. 04, Issue, 07, July, 2017

**Publications From 2018-2019**

**Published:**

1. Palas, R., & Baranes, A. (2018) Making Investment Decisions Using XBRL Filing Data. Accounting Research Journal. Emerald Publishing (impact factor 2018: 0.65)
2. Baranes, A. & Palas, R., (2019) Earning Movment Prediction using Machine Learning-Support Vector Machine (SVM), Journal of Management Information and Decision Sciences, Volume 22, Issue 2, 2019 (impact factor 2018: 0.35)

**Submitted and accepted subject to revision:**

1. Baranes, A. & Palas, R., *Artificial Intelligence Application in Predicting Earnings: Neural Networks,* International Journal of Accounting Information Systems (Revised Submission under review) Systems (impact factor 0.969 ;5 years impact factor: 1.917)
2. Palas, R., & Baranes, A., *Earnings Prediction - Does Using Artificial Intelligence Improve Results*, Journal of information Systems (Revision requested) (impact factor: 0.78 )

**Submitted papers awaiting decision:**

1. Baranes A., Palas R., Yosef A. and Shnaider E.*,(* 2019*) Using Financial Ratios for Assessment of Companies’ Performance,* Journal of Intelligent and Fuzzy Systems (impact factor: 1.426)
2. Yosef A. and Baranes A. Karhunen-Loève expansion of a set indexed fractional Brownian motion, Statistics & Probability Letters, ELSVIER

**Submitted Articles: Conferences (Refereed)**

1. Baranes, A., & Palas, R. *Predicting Earnings: Recurrent Neural Networks (RNN)* American Accounting Association Annual Meeting August 10-14, 2019 San Francisco, CA
2. Yosef A., Schneider M., Shnaider E., Baranes A. and Palas R.

Data Preparation for Fuzzy Modeling Using Intervals

11th International Conference on Knowledge Discovery and Information Retrieval (KDIR)

September 17-19, 2019,

Vienna, Austria

**Conference Presentations**

1. Baranes, A., & Palas, R. (2016). The Prediction of Earnings Movements Using Accounting Data:Based on XBRL.4th International Academic Conference in Paris (IACP), 15-16th August 2016, Paris, France.
2. Baranes, A., & Palas, R. (2017). The Prediction of Earnings Movement Using Mandated XBRL data ? Industry Analysis. 7th Economics & Finance Conference, Apr 2017, Tel Aviv, Israel.
3. Baranes, A., & Palas, R. (2017). Using Large Scale XBRL Filings in Prediction of Earnings. The 2017 International Conference on Business and Information (BAI2017), 04-06 July 2017, Hiroshima, Japan**.**

## Palas, R., & Baranes, A. (2018) A Framework for an Artificial Intelligence Based Model to Predict Earnings. 2018 American Accounting Association Annual Meeting, August 4-8, Washington DC, USA.