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## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Integration of logistic regression and multilayer perceptron for intelligent single and dual axis solar tracking systems**  
AL-Rousan N., Mat Isa N. A., Mat Desa M. K., AL-Najjar H.  
International Journal of Intelligent Systems, vol.36, no.10, pp.5605-5669, 2021 (SCI-Expanded)
- II. **Assessment of predicting hourly global solar radiation in Jordan based on Rules, Trees, Meta, Lazy and Function prediction methods**  
Al-Rousan N., Al-Najjar H., Alomari O.  
Sustainable Energy Technologies and Assessments, vol.44, 2021 (SCI-Expanded)
- III. **Evaluation of the prediction of CoVID-19 recovered and unrecovered cases using symptoms and patient's meta data based on support vector machine, neural network, CHAID and QUEST Models**  
Al-Najjar D., Al-Najjar H., Al-Rousan N.  
European Review for Medical and Pharmacological Sciences, vol.25, no.17, pp.5556-5560, 2021 (SCI-Expanded)
- IV. **Optimizing the performance of MLP and SVR predictors based on logical oring and experimental ranking equation**  
Al-Rousan N., Al-Najjar H.  
Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A, vol.44, no.2, pp.149-157, 2021 (SCI-Expanded)
- V. **Correlation analysis and MLP/CMLP for optimum variables to predict orientation and tilt angles in intelligent solar tracking systems**  
AL-Rousan N., Mat Isa N. A., Mat Desa M. K.  
International Journal of Energy Research, vol.45, no.1, pp.453-477, 2021 (SCI-Expanded)
- VI. **Data analysis of coronavirus COVID-19 epidemic in South Korea based on recovered and death cases**  
AL-Rousan N., AL-Najjar H.  
Journal of Medical Virology, vol.92, no.9, pp.1603-1608, 2020 (SCI-Expanded)
- VII. **CoVID-19 symptoms analysis of deceased and recovered cases using Chi-square test**  
Al-Najjar D., Al-Najjar H., Al-Rousan N.  
European Review for Medical and Pharmacological Sciences, vol.24, no.21, pp.11428-11431, 2020 (SCI-Expanded)
- VIII. **Are Italy and Iran really suffering from COVID-19 epidemic? A controversial study**  
Al-Najjar H., Al-Rousan N.  
European Review for Medical and Pharmacological Sciences, vol.24, no.8, pp.4519-4522, 2020 (SCI-Expanded)
- IX. **The correlation between the spread of COVID-19 infections and weather variables in 30 Chinese provinces and the impact of Chinese government mitigation plans**  
Al-Rousan N., Al-Najjar H.  
European Review for Medical and Pharmacological Sciences, vol.24, no.8, pp.4565-4571, 2020 (SCI-Expanded)
- X. **A classifier prediction model to predict the status of Coronavirus CoVID-19 patients in South Korea**  
Al-Najjar H., Al-Rousan N.  
European Review for Medical and Pharmacological Sciences, vol.24, no.6, pp.3400-3403, 2020 (SCI-Expanded)
- XI. **Is visiting Qom spread CoVID-19 epidemic in the Middle East?**

Al-Rousan N., Al-Najjar H.

European Review for Medical and Pharmacological Sciences, vol.24, no.10, pp.5813-5818, 2020 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **Impact of COVID-19 pandemic virus on G8 countries' financial indices based on artificial neural network**  
Al-Najjar H., Al-Rousan N., Al-Najjar D., Assous H. F., Al-Najjar D.  
Journal of Chinese Economic and Foreign Trade Studies, vol.14, no.1, pp.89-103, 2021 (ESCI)
- II. **Efficient single and dual axis solar tracking system controllers based on adaptive neural fuzzy inference system**  
AL-Rousan N., Mat Isa N. A., Mat Desa M. K.  
Journal of King Saud University - Engineering Sciences, vol.32, no.7, pp.459-469, 2020 (Scopus)
- III. **Can international market indices estimate TASI's movements? The ARIMA model**  
Assous H. F., Al-Rousan N., Al-Najjar D., Al-Najjar H.  
Journal of Open Innovation: Technology, Market, and Complexity, vol.6, no.2, pp.1-17, 2020 (Scopus)