

Ali Elgayar

List of selected publications

(as of February 2021)

Ibtihal F. El-Shami, Aya Yousef, Mohamed Elbarani, **Ali I. Elgayar** (2020), 'Comparison of Tropospheric Scintillation Prediction Models of Libyan Climate', *Proceedings of the 6th International Conference on Engineering & MIS 2020 (ICEMIS '20)*, Article 61, 1–7.

Ali Elgayar, Zulkurnain Abdul-Malek, Ruqayyah Othman, Ibtihal Fawzi Elshami, A.M. Elbreki, Visa Musa Ibrahim, Mohammed Imran Mousa, Chin-Leong Wooi (2019). 'Power transmission lines electromagnetic pollution with consideration of soil resistivity', *TELKOMNIKA (Telecommunication Computing Electronics and Control)* 17(4), 1985–1991.

Chin-Leong Wooi, Zulkurnain Abdul-Malek, Mohamad Nur Khairul Hafizi Rohani, Ahmad Muhyiddin Bin Yusof, Syahrin Nizam Md Arshad, **Ali I. Elgayar** (2019). 'Comparison of lightning return stroke channel-base current models with measured lightning current', *Bulletin of Electrical Engineering and Informatics* 8(4), 1478–1488.

Ali I. Elgayar and Zulkurnain Abdul-Malek (2016). 'Induced Voltages on a Gas Pipeline due to Lightning Strikes on Nearby Overhead Transmission Line', *International Journal of Electrical and Computer Engineering* 6(2), 495–503.

Chin-Leong Wooi, Zulkurnain Abdul-Malek, Noor-Azlinda Ahmad, **Ali I. Elgayar** (2016). 'Statistical analysis of electric field parameters for negative lightning in Malaysia', *Journal of Atmospheric and Solar-Terrestrial Physics* 146, 69–80.

Ali I. Elgayar, Zulkurnain Abdul-Malek, Ibtihal Fawzi Elshami, (2014), 'Wind-Induced Clearances Infringement of Overhead Power Lines', *International Journal of Computer and Electrical Engineering* 6(4), 275–282.