

# Lobna Said

## List of selected publications

(as of February 2021)

- D. A. Yousri, Amr M. AbdelAty, **Lobna A. Said**, A. S. Elwakil, Brent Maundy, Ahmed G. Radwan (2019), 'Parameter identification of fractional-order chaotic systems using different Meta-heuristic Optimization Algorithms', *Nonlinear Dynamics* 95(3), pp. 2491–2542.
- M. F. Tolba, **Lobna A. Said**, A. H. Madian, and A. G. Radwan (2019), 'FPGA Implementation of the Fractional-Order Integrator/Differentiator: Two Approaches and Application', *IEEE Transactions on Circuits and Systems I: Regular Papers* 66(4), pp. 1484–1495.
- Nariman A. Khalil, **Lobna A. Said**, Ahmed G. Radwan, Ahmed M. Soliman (2020), 'Emulation circuits of Fractional-Order Memelements with multiple pinched points and their Applications', *Chaos, Solitons & Fractals* 138, p. 109882.
- B. M. AboAlNaga, **Lobna A. Said**, A. H. Madian, A. S. Elwakil and A. G. Radwan (2019), 'Cole Bio-Impedance Model Variations in Daucus Carota Sativus Under Heating and Freezing Conditions', *IEEE Access* 7, pp. 113254–113263.
- Samar M. Ismail, **Lobna A. Said**, Ahmed G. Radwan, Ahmed H. Madian, Mohamed F. Abu-El-Yazeed (2020), 'A Novel Image Encryption System Merging Fractional-Order Edge Detection and Generalized Chaotic Maps', *Signal Processing* 167, p. 107280.