MelÄºh Yildirim

List of Publications by Year
in descending order

12 papers	155 citations	1307594 7 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	79 citing authors

#	Article	IF	Citations
1	Optical color image encryption scheme with a novel DNA encoding algorithm based on a chaotic circuit. Chaos, Solitons and Fractals, 2022, 155, 111631.	5.1	27
2	Design of Low-Voltage and Low-Power DTMOS Based Analog Multiplier Utilizing Current Squarer. International Journal of Electronics Letters, 2021, 9, 1-13.	1.2	5
3	Analog circuit implementation based on median filter for salt and pepper noise reduction in image. Analog Integrated Circuits and Signal Processing, 2021, 107, 195-202.	1.4	18
4	Analog circuit architecture for max and min pooling methods on image. Analog Integrated Circuits and Signal Processing, 2021, 108, 119-124.	1.4	3
5	A color image encryption scheme reducing the correlations between R, G, B components. Optik, 2021, 237, 166728.	2.9	18
6	Steganography-based voice hiding in medical images of COVID-19 patients. Nonlinear Dynamics, 2021, 105, 2677-2692.	5.2	6
7	Design of low-voltage and low-power current-mode DTMOS transistor based full-wave/half-wave rectifier. Analog Integrated Circuits and Signal Processing, 2021, 106, 459-465.	1.4	6
8	Retina-inspired neuromorphic edge enhancing and edge detection. AEU - International Journal of Electronics and Communications, 2020, 115, 153038.	2.9	2
9	Chaotic circuit with OTA based memristor on image cryptology. AEU - International Journal of Electronics and Communications, 2020, 127, 153490.	2.9	16
10	DNA encoding for RGB image encryption with memristor based neuron model and chaos phenomenon. Microelectronics Journal, 2020, 104, 104878.	2.0	33
11	Adapting Laplacian based filtering in digital image processing to a retina-inspired analog image processing circuit. Analog Integrated Circuits and Signal Processing, 2019, 100, 537-545.	1.4	9
12	Memristive retinomorphic grid architecture removing noise and preserving edge. AEU - International Journal of Electronics and Communications, 2018, 97, 38-44.	2.9	10