Budimir M Lutovac

List of Publications by Year
in descending order

28 papers	196 citations	1937457 4 h-index	2053595 5 g-index
30 all docs	30 docs citations	30 times ranked	211 citing authors

#	Article	IF	Citations
1	On the role of 5G Ultra-Reliable Low-Latency Communications (URLLC) in applications extending Smart Grid (SG) capabilities. , 2022, , .		1
2	One-input, Three-output, General-purpose Biquadratic Filter using all Positive CCIIs. , 2022, , .		0
3	Possibility of Managing Medical device Post-market Surveillance using Artificial Intelligence and Standardized Methodology. , 2021, , .		3
4	A Headset Like Wearable Device to Track COVID-19 Symptoms. , 2020, , .		45
5	Third-Order Fractional-Step Band-Pass Filters. , 2020, , .		2
6	Novel Tuning Rules of PD Controller for Industrial Processes. , 2019, , .		1
7	Reconstruction of Missing Samples in LFM Signals Using the Genetic Algorithm. , 2018, , .		0
8	Noise analysis of fractional-order two-integrator CCII low-pass filter using Pspice. , 2018, , .		3
9	On the rational representation of fractional order lead compensator using Padé approximation. , 2018, , .		7
10	Decomposition of a class of linear electrical networks for calculation of total power. Sadhana - Academy Proceedings in Engineering Sciences, 2018, 43, 1.	0.8	0
11	Efficient Placement of Electric Vehicles Charging Stations using Integer Linear Programming. Advances in Electrical and Computer Engineering, 2018, 18, 11-16.	0.5	17
12	Analysis of the Band-pass and Notch filter with dynamic damping of fractional order including discrete models. Telfor Journal, 2018, 10, 32-37.	0.7	5
13	On the fixed-point rounding in the DFT. , 2017, , .		1
14	A resistive circuits analysis using graph spectral decomposition. , 2017, , .		1
15	Analysis of electrical circuits including fractional order elements. , 2017, , .		18
16	An algorithm for robust image watermarking based on the DCT and Zernike moments. Multimedia Tools and Applications, 2017, 76, 23333-23352.	2.6	25
17	Novel band-pass and notch filter with dynamic damping of fractional order. , 2017, , .		3
18	Watermark Detection in Impulsive Noise Environment Based on the Compressive Sensing Reconstruction. Radioengineering, 2017, 26, 309-315.	0.3	0

#	Article	IF	Citations
19	Sparse signal recovery based on concentration measures and genetic algorithm. , 2016, , .		3
20	Neural networks application to Neretva basin hydro-meteorological data. , 2016, , .		2
21	The application of graph theory for the design of reconfigurable fractal antenna. , 2016, , .		0
22	Some electromechanical systems and analogies of mem-systems integer and fractional order. , 2016, , .		7
23	A cloud computing architecture with wireless body area network for professional athletes health monitoring in sports organizations &#x2014; Case study of Montenegro. , 2015, , .		6
24	Narrow BP active filters with reduced noise and sensitivity using current conveyors. , 2013, , .		1
25	Are genetic algorithms useful for the parameter estimation of FM signals?. , 2012, 22, 1137-1144.		33
26	Algebraic Design of Some Equiripple Linear-Phase Half-Band FIR Filters. AEU - International Journal of Electronics and Communications, 2002, 56, 341-344.	1.7	1
27	Design and VHDL description of Multiplierless Half-Band IIR Filter. AEU - International Journal of Electronics and Communications, 2002, 56, 348-350.	1.7	6
28	Linear generalized synchronization of two chaotic Colpitts oscillators. , 0, , .		5