

Josef Bajer

List of Publications by Year in descending order

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33
papers

232
citations

1936888

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all docs

34
docs citations

34
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-Coded Modulation-Based Time-of-Flight Measurement Improvement for Piezoelectric Ceramic Transducers. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1362-1369.	1.7	5
2	Precise experimental determination of electrical equivalent circuit parameters for ultrasonic piezoelectric ceramic transducers from their measured characteristics. Ultrasonics, 2021, 112, 106341.	2.1	10
3	An Approach for Designing and Implementation the Landing System for Aircraft. , 2019, , .		0
4	MIL-STD-1553 Message Transmission and Reception Using FPGA. , 2019, , .		0
5	An Approach for Designing a Receiver applied to the Landing System based on SDR Platform. , 2019, , .		0
6	Influence of Extreme Temperature on Characteristics of Electric Equivalent of Piezoceramic Transducer. , 2019, , .		2
7	Analysis of Selected Conditions Influencing Signal Acquisition Correlator Capability. , 2019, , .		0
8	Indoor Passive Positioning Technique using Ultra Wide Band Modules. , 2019, , .		5
9	Pros and Cons Analysis of a Flying-wing and a Canard Conceptions for a Special Purpose UAV in High Altitude. , 2019, , .		0
10	Active Electronically-Controlled Circulator Based on Mem-OTAs. , 2019, , .		0
11	RF Single-Pole Double-Throw Switch Based on Memistor. , 2018, , .		2
12	Design Analysis of a Hyperbolic Landing Navigation System for Aircraft. , 2018, , .		2
13	Aeronautical VHF Data Link mode 2 receiver based on RTL-SDR. , 2017, , .		1
14	Correlation analysis of the faster-than-nyquist signal. , 2017, , .		1
15	Time difference measurement algorithm for TDOA positioning system using RTL-SDR. , 2017, , .		5
16	Performance comparison of graphical processing unit driven time-domain and FFT-based correlators for aircraft positioning system. , 2017, , .		0
17	Software defined radio based receiver for TDOA positioning system. , 2016, , .		8
18	Possibilities of hyperbolic navigation during the approach to landing phase. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	Immunity testing in an airborne radio-communication system. , 2015, , .		1
20	Electronic starting control unit for small jet engine. , 2015, , .		1
21	Immunity testing in an airborne radio-communication system. , 2015, , .		2
22	Voltage-mode quadrature oscillator using VD-DIBA active elements. , 2014, , .		6
23	Current-mode multiphase sinusoidal oscillator based on current differencing units. Analog Integrated Circuits and Signal Processing, 2013, 74, 121-128.	0.9	13
24	Frequency dependent negative resistor based on differential-input buffered and transconductance amplifier. , 2012, , .		2
25	Differential-input buffered and transconductance amplifier-based all-pass filter and its application in quadrature oscillator. , 2012, , .		6
26	Mutators for transforming nonlinear resistor into memristor. , 2011, , .		28
27	Low-distortion current-mode quadrature oscillator for low-voltage low-power applications with non-linear non-inertial automatic gain control. , 2011, , .		7
28	Realization of electronically tunable voltage-mode/current-mode quadrature sinusoidal oscillator using ZC-CG-CDBA. Microelectronics Journal, 2011, 42, 1116-1123.	1.1	62
29	Z Copyâ€Controlled Gainâ€Current Differencing Buffered Amplifier and its applications. International Journal of Circuit Theory and Applications, 2011, 39, 257-274.	1.3	26
30	Voltage-mode electronically tunable all-pass filter employing CCCII+, One capacitor and differential-input voltage buffer. , 2010, , .		11
31	Voltage-mode balanced-outputs quadrature oscillator using FB-VDBAs. , 2010, , .		2
32	Single-input multi-output resistorless current-mode biquad. , 2009, , .		14
33	A new building block for analog signal processing: current follower/inverter buffered transconductance amplifier. , 2009, , .		4