

# Marek MiÅ›kiewicz

## List of Publications by Year in descending order

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39  
papers

698  
citations

1163117

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940533

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39  
all docs

39  
docs citations

39  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unfairness of Random Access with Collision Avoidance in Industrial Internet of Things Networks. Sensors, 2021, 21, 7135.	3.8	3
2	Sensitivity of QRS Detection Accuracy to Detector Temporal Resolution. , 2021, , .		1
3	Systematization and Comparison of the Binary Successive Approximation Variants. Sensors, 2021, 21, 8267.	3.8	1
4	Real time ECG R-peak detection by extremum sampling. , 2020, , .		3
5	An overview of current technologies and emerging trends in factory automation. International Journal of Production Research, 2019, 57, 5047-5067.	7.5	70
6	A Successive Approximation Time-to-Digital Converter with Single Set of Delay Lines for Time Interval Measurements. Sensors, 2019, 19, 1109.	3.8	7
7	An Adaptive-Resolution Quasi-Level-Crossing-Sampling ADC Based on Residue Quantization in 28-nm CMOS. IEEE Solid-State Circuits Letters, 2018, 1, 178-181.	2.0	6
8	Reconstruction of Signals From Level-Crossing Samples Using Implicit Information. IEEE Access, 2018, 6, 35001-35011.	4.2	9
9	Advanced control in factory automation: a survey. International Journal of Production Research, 2017, 55, 1243-1259.	7.5	25
10	Bandwidth Estimation From Multiple Level-Crossings of Stochastic Signals. IEEE Transactions on Signal Processing, 2017, 65, 2488-2502.	5.3	5
11	Estimation of varying bandwidth from multiple level crossings of stochastic signals. , 2017, , .		0
12	Clockless signal-dependent compressive sensing of multitone signals using time encoding machine. , 2017, , .		0
13	Dynamic equalization of logic delays in feedback-based successive approximation TDCs. , 2017, , .		4
14	Signal recovery from level-crossing samples using projections onto convex sets. , 2016, , .		2
15	Analytical approach to multiple memoryless backoff contention analysis. , 2015, , .		2
16	Voltage-to-digital converter with event-driven charge redistribution. , 2014, , .		1
17	Event-driven charge redistribution analog-to-digital converter with simultaneous sampling and conversion. , 2014, , .		0
18	Recovery of varying-bandwidth signal for level-crossing sampling. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Upper Bounds on Unsuccessful Transmission Rate in Persistent and Non-Persistent CSMA Protocols. , 2013, , .		2
20	Optimizing time-to-digital converter architecture for successive approximation time measurements. , 2013, , .		5
21	Event-driven analog-to-digital converter with conversion-speed-centric architecture and activity-dependent power consumption. , 2013, , .		2
22	Modeling event-driven successive charge redistribution in ADC with varying rate of charge transfer. , 2012, , .		4
23	Time-to-digital converters based on event-driven successive charge redistribution: A theoretical approach. Measurement: Journal of the International Measurement Confederation, 2012, 45, 2511-2528.	5.0	22
24	Natural compression and expansion characteristics of asynchronous Sigma-Delta ADC. , 2011, , .		6
25	Performance of send-on-delta sampling schemes with prediction. , 2011, , .		11
26	A clockless time-to-digital converter. , 2010, , .		7
27	Uncertainty of asynchronous analog-to-digital converter output state. , 2010, , .		7
28	Efficiency of Event-Based Sampling According to Error Energy Criterion. Sensors, 2010, 10, 2242-2261.	3.8	31
29	Access delay in LonTalk MAC protocol. Computer Standards and Interfaces, 2009, 31, 548-556.	5.4	7
30	On the unequal bandwidth share in LonWorks control networks. , 2009, , .		3
31	Average Channel Utilization of CSMA With Geometric Distribution Under Varying Workload. IEEE Transactions on Industrial Informatics, 2009, 5, 123-131.	11.3	15
32	Design of Time-to-Digital Converter Output Interface. , 2008, , .		1
33	Time-to-Digital converter with serial output interface. , 2008, , .		0
34	Performance analysis of slotted-CSMA with geometric distribution. , 2008, , .		1
35	Designing Time-to-Digital Converter for Asynchronous ADCs. , 2007, , .		13
36	Analysis of Mean Access Delay in Variable-Window CSM. Sensors, 2007, 7, 3535-3559.	3.8	9

#	ARTICLE	IF	CITATIONS
37	LON Technology in Wireless Sensor Networking Applications. Sensors, 2006, 6, 30-48.	3.8	19
38	The dynamic range of timing measurements of the asynchronous Sigma-Delta modulator. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 395-400.	0.4	4
39	Send-On-Delta Concept: An Event-Based Data Reporting Strategy. Sensors, 2006, 6, 49-63.	3.8	389