Monika Pinchas

List of Publications by Year
in descending order

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46 papers	264 citations	1040056 9 h-index	1058476 14 g-index
46 all docs	46 docs citations	46 times ranked	93 citing authors

#	Article	IF	Citations
1	Two Novel One-Way Delay Clock Skew Estimators and Their Performances for the Fractional Gaussian Noise/Generalized Fractional Gaussian Noise Environment Applicable for the IEEE 1588v2 (PTP) Case. Frontiers in Physics, 2022, 10, .	2.1	2
2	The Residual ISI for Which the Convolutional Noise Probability Density Function Associated with the Blind Adaptive Deconvolution Problem Turns Approximately Gaussian. Entropy, 2022, 24, 989.	2.2	0
3	Coherent Integration Loss Due to Nonstationary Phase Noise in High-Resolution Millimeter-Wave Radars. Remote Sensing, 2021, 13, 1755.	4.0	2
4	Improved Approach for the Maximum Entropy Deconvolution Problem. Entropy, 2021, 23, 547.	2.2	2
5	A Novel Clock Skew Estimator and Its Performance for the IEEE 1588v2 (PTP) Case in Fractional Gaussian Noise/Generalized Fractional Gaussian Noise Environment. Frontiers in Physics, 2021, 9, .	2.1	3
6	A Novel Dual Mode Decision Directed Multimodulus Algorithm (DM-DD-MMA) for Blind Adaptive Equalization. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	0
7	A Novel Technique for Achieving the Approximated ISI at the Receiver for a 16QAM Signal Sent via a FIR Channel Based Only on the Received Information and Statistical Techniques. Entropy, 2020, 22, 708.	2.2	3
8	Characterization of Nonstationary Phase Noise Using the Wignerâ€“Ville Distribution. Mathematical Problems in Engineering, 2020, 2020, 1-7.	1.1	3
9	The Tap-Length Associated with the Blind Adaptive Equalization/Deconvolution Problem. , 2020, 3, .		1
10	A New Efficient Expression for the Conditional Expectation of the Blind Adaptive Deconvolution Problem Valid for the Entire Range ofSignal-to-Noise Ratio. Entropy, 2019, 21, 72.	2.2	6
11	Constant Envelope Modulation Techniques for Limited Power Millimeter Wave Links. Electronics (Switzerland), 2019, 8, 1521.	3.1	1
12	Efficient constant envelope orthogonal modulation. , 2018, , .		0
13	Convolutional Noise PDF at the Convergence State of a Blind Adaptive Equalizer. MATEC Web of Conferences, 2018, 210, 05003.	0.2	0
14	A New Approach for the Characterization of Nonstationary Oscillators Using the Wigner-Ville Distribution. Mathematical Problems in Engineering, 2018, 2018, 1-14.	1.1	9
15	Cooperative Multi PTP Slaves for Timing Improvement in an fGn Environment. IEEE Communications Letters, 2018, 22, 1366-1369.	4.1	8
16	A New Equalization Performance Analyzing Method for Blind Adaptive Equalizers Inspired by Maximum Time Interval Error. Journal of Signal and Information Processing, 2017, 08, 42-64.	0.4	0
17	New Lagrange Multipliers for the Blind Adaptive Deconvolution Problem Applicable for the Noisy Case. Entropy, 2016, 18, 65.	2.2	6
18	Constant Envelope Phase Modulation Inspired by Orthogonal Waveforms. IEEE Communications Letters, 2016, 20, 2169-2172.	4.1	4

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19	Convergence Curve for Non-Blind Adaptive Equalizers. Journal of Signal and Information Processing, 2016, 07, 7-17.	0.4	1
20	Inspection of the Output of a Convolution and Deconvolution Process from the Leading Digit Point of Viewâ€"Benfordâ€™s Law. Journal of Signal and Information Processing, 2016, 07, 227-251.	0.4	1
21	Maximum Likelihood Estimation of Clock Skew in IEEE 1588 with Fractional Gaussian Noise. Mathematical Problems in Engineering, 2015, 2015, 1-24.	1.1	10
22	Photonic radio frequency phase-shift amplification by radio frequency interferometry. Optics Letters, 2015, 40, 4863.	3.3	31
23	A Maximum Entropy inspired model for the convolutional noise PDF. , 2015, 39, 35-49.		8
24	Convolutional Noise Analysis via Large Deviation Technique. Journal of Signal and Information Processing, 2015, 06, 259-265.	0.4	1
25	Under What Condition Do We Get Improved Equalization Performance in the Residual ISI with Non-Biased Input Signals Compared with the Biased Version. Journal of Signal and Information Processing, 2015, 06, 79-91.	0.4	1
26	Edgeworth Expansion Based Model for the Convolutional Noise pdf. Mathematical Problems in Engineering, 2014, 2014, 1-19.	1.1	2
27	Symbol Error Rate for Nonblind Adaptive Equalizers Applicable for the SIMO and FGn Case. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	11
28	An Approximated Expression for the Residual ISI Obtained by Blind Adaptive Equalizer and Biased Input Signals. Journal of Signal and Information Processing, 2014, 05, 155-178.	0.4	3
29	A novel expression for the achievable MSE performance obtained by blind adaptive equalizers. Signal, Image and Video Processing, 2013, 7, 67-74.	2.7	7
30	Residual ISI Obtained by Nonblind Adaptive Equalizers and Fractional Noise. Mathematical Problems in Engineering, 2013, 2013, 1-7.	1.1	8
31	Symbol Error Rate as a Function of the Residual ISI Obtained by Blind Adaptive Equalizers for the SIMO and Fractional Gaussian Noise Case. Mathematical Problems in Engineering, 2013, 2013, 1-9.	1.1	6
32	A Systematic Approach for Calculating the Symbol Error Rate for the Entire Range of above and below the Threshold Point for the CE-OFDM System. Mathematical Problems in Engineering, 2013, 2013, 1-11.	1.1	0
33	Residual ISI Obtained by Blind Adaptive Equalizers and Fractional Noise. Mathematical Problems in Engineering, 2013, 2013, 1-11.	1.1	5
34	Dendritic Branch Intersections Are Structurally Regulated Targets for Efficient Axonal Wiring and Synaptic Clustering. PLoS ONE, 2013, 8, e82083.	2.5	3
35	Two Blind Adaptive Equalizers Connected in Series for Equalization Performance Improvement. Journal of Signal and Information Processing, 2013, 04, 64-71.	0.4	11
36	A closed-form approximated expression for the achievable residual ISI obtained by blind adaptive equalizers in a SIMO FIR channel. , 2012, , .		1

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37	What are the analytical conditions for which a blind equalizer will loose the convergence state?. Signal, Image and Video Processing, 2012, 6, 325-340.	2.7	3
38	A MSE optimized polynomial equalizer for 16QAM and 64QAM constellation. Signal, Image and Video Processing, 2011, 5, 29-37.	2.7	12
39	Analytic threshold calculation of frequency estimation for OFDM communication. Signal, Image and Video Processing, 2010, 4, 187-195.	2.7	4
40	A closed approximated formed expression for the achievable residual intersymbol interference obtained by blind equalizers. Signal Processing, 2010, 90, 1940-1962.	3.7	19
41	A new closed approximated formed expression for the achievable residual ISI obtained by adaptive blind equalizers for the noisy case. , 2010, , .		5
42	PTP slave clock accuracy on circuit emulation system performance. , 2008, , .		0
43	A Novel HOS Approach for Blind Channel Equalization. IEEE Transactions on Wireless Communications, 2007, 6, 875-886.	9.2	23
44	A Combined PTP and Circuit-Emulation System. , 2007, , .		6
45	A Maximum Entropy approach for blind deconvolution. Signal Processing, 2006, 86, 2913-2931.	3.7	32
46	An analytical expression for the acquisition time and optimal designing graph for a frequency detector of OFDM systems. European Transactions on Telecommunications, 2002, 13, 579-582.	1.2	0