

Robby G Mckilliam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5909063/publications.pdf>

Version: 2024-02-01

34
papers

357
citations

1040018

9
h-index

888047

17
g-index

34
all docs

34
docs citations

34
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Small Data, Low Cost, Anywhere on Earth. IEEE Potentials, 2019, 38, 18-20.	0.3	1
2	Massive scale, long battery life, direct to orbit connectivity for the internet of things. Acta Astronautica, 2018, 151, 318-323.	3.2	4
3	On the importance of pair-wise feature correlations for image classification. , 2016, , .		4
4	Selecting Wavelengths for Least Squares Range Estimation. IEEE Transactions on Signal Processing, 2016, 64, 5205-5216.	5.3	9
5	Using Gaussian pulses in physical-layer network coding with symbol misalignment. , 2016, , .		0
6	Robustness of the least squares range estimator. , 2016, , .		2
7	On the periodogram estimators of periods from interleaved sparse, noisy timing data. , 2014, , .		3
8	Finding a Closest Point in a Lattice of Voronoi's First Kind. SIAM Journal on Discrete Mathematics, 2014, 28, 1405-1422.	0.8	10
9	On the Cram�r-Rao bound for polynomial phase signals. Signal Processing, 2014, 95, 27-31.	3.7	5
10	Simultaneous Symbol Timing and Frame Synchronization for Phase Shift Keying. IEEE Transactions on Communications, 2014, 62, 1114-1123.	7.8	3
11	Decoder-Assisted Timing Synchronization in Multiuser CDMA Systems. IEEE Transactions on Communications, 2014, 62, 2061-2071.	7.8	5
12	Polynomial Phase Estimation by Least Squares Phase Unwrapping. IEEE Transactions on Signal Processing, 2014, 62, 1962-1975.	5.3	49
13	Modified Cram�r-Rao Bounds for Continuous-Phase Modulated Signals. IEEE Transactions on Communications, 2014, 62, 1681-1690.	7.8	4
14	Carrier Phase and Amplitude Estimation for Phase Shift Keying Using Pilots and Data. IEEE Transactions on Signal Processing, 2014, 62, 3976-3989.	5.3	4
15	Noncoherent least squares estimators of carrier phase and amplitude. , 2013, , .		3
16	Decoder-aided synchronization for multiuser CDMA systems. , 2013, , .		1
17	On the periodogram estimator of period from sparse, noisy timing data. , 2013, , .		5
18	Finding short vectors in a lattice of Voronoi's first kind. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Code-acquisition via the projection method for CDMA systems in high MAI channels. , 2012, , .		0
20	Direction Estimation by Minimum Squared Arc Length. IEEE Transactions on Signal Processing, 2012, 60, 2115-2124.	5.3	31
21	Estimating period from sparse, noisy timing data. , 2012, , .		8
22	On the Error Performance of the $A_{\{n\}}$ Lattices. IEEE Transactions on Information Theory, 2012, 58, 5941-5949.	2.4	3
23	The asymptotic properties of polynomial phase estimation by least squares phase unwrapping. , 2011, , .		3
24	Linear-Time Nearest Point Algorithms for Coxeter Lattices. IEEE Transactions on Information Theory, 2010, 56, 1015-1022.	2.4	18
25	Block noncoherent detection of hexagonal QAM. , 2010, , .		2
26	Frequency Estimation by Phase Unwrapping. IEEE Transactions on Signal Processing, 2010, 58, 2953-2963.	5.3	65
27	Identifiability and Aliasing in Polynomial-Phase Signals. IEEE Transactions on Signal Processing, 2009, 57, 4554-4557.	5.3	28
28	Polynomial-phase estimation, phase unwrapping and the nearest lattice point problem. , 2009, , .		7
29	Linear-time block noncoherent detection of PSK. , 2009, , .		5
30	An Algorithm to Compute the Nearest Point in the Lattice $A_{\{n\}}^*$. IEEE Transactions on Information Theory, 2008, 54, 4378-4381.	2.4	12
31	Maximizing the Periodogram. , 2008, , .		28
32	An improved algorithm for optimal noncoherent QAM detection. , 2008, , .		13
33	A linear-time nearest point algorithm for the lattice $A_{\{n\}}^*$. , 2008, , .		7
34	Maximum-likelihood period estimation from sparse, noisy timing data. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	14