

Peter HÃ¶ndel

List of Publications by Year in descending order

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174
papers

4,781
citations

186265

28
h-index

133252

59
g-index

174
all docs

174
docs citations

174
times ranked

3787
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-Velocity Detection – An Algorithm Evaluation. IEEE Transactions on Biomedical Engineering, 2010, 57, 2657-2666.	4.2	488
2	In-Car Positioning and Navigation Technologies – A Survey. IEEE Transactions on Intelligent Transportation Systems, 2009, 10, 4-21.	8.0	466
3	Behavioral Modeling and Linearization of Crosstalk and Memory Effects in RF MIMO Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 810-823.	4.6	196
4	Accurate and reliable soldier and first responder indoor positioning: multisensor systems and cooperative localization. IEEE Wireless Communications, 2011, 18, 10-18.	9.0	177
5	Joint Mitigation of Power Amplifier and I/Q Modulator Impairments in Broadband Direct-Conversion Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 730-739.	4.6	150
6	Properties of the IEEE-STD-1057 four-parameter sine wave fit algorithm. IEEE Transactions on Instrumentation and Measurement, 2000, 49, 1189-1193.	4.7	149
7	Smartphone-Based Measurement Systems for Road Vehicle Traffic Monitoring and Usage-Based Insurance. IEEE Systems Journal, 2014, 8, 1238-1248.	4.6	148
8	Smartphone-Based Vehicle Telematics: A Ten-Year Anniversary. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2802-2825.	8.0	139
9	Evaluation of zero-velocity detectors for foot-mounted inertial navigation systems. , 2010, , .		129
10	Insurance Telematics: Opportunities and Challenges with the Smartphone Solution. IEEE Intelligent Transportation Systems Magazine, 2014, 6, 57-70.	3.8	123
11	Foot-mounted inertial navigation made easy. , 2014, , .		109
12	Continuous Hidden Markov Model for Pedestrian Activity Classification and Gait Analysis. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 1073-1083.	4.7	107
13	Effects of sampling and quantization on single-tone frequency estimation. IEEE Transactions on Signal Processing, 2000, 48, 650-662.	5.3	100
14	Foot-mounted INS for everybody - an open-source embedded implementation. , 2012, , .		96
15	Cooperative localization by dual foot-mounted inertial sensors and inter-agent ranging. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.7	81
16	Tracking analysis of an adaptive notch filter with constrained poles and zeros. IEEE Transactions on Signal Processing, 1994, 42, 281-291.	5.3	63
17	Two algorithms for adaptive retrieval of slowly time-varying multiple sinusoids in noise. IEEE Transactions on Signal Processing, 1995, 43, 1116-1127.	5.3	61
18	An open-source multi inertial measurement unit (MIMU) platform. , 2014, , .		49

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19	Frequency estimation from proper sets of correlations. IEEE Transactions on Signal Processing, 2002, 50, 791-802.	5.3	48
20	Digital Predistortion for Joint Mitigation of I/Q Imbalance and MIMO Power Amplifier Distortion. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 322-333.	4.6	48
21	Parameter Estimation Employing a Dual-Channel Sine-Wave Model Under a Gaussian Assumption. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1661-1669.	4.7	45
22	Indoor Positioning by Ultrawide Band Radio Aided Inertial Navigation. Metrology and Measurement Systems, 2010, 17, .	1.4	44
23	Fusing the information from two navigation systems using an upper bound on their maximum spatial separation. , 2012, , .		44
24	Amplitude estimation using IEEE-STD-1057 three-parameter sine wave fit: Statistical distribution, bias and variance. Measurement: Journal of the International Measurement Confederation, 2010, 43, 766-770.	5.0	43
25	Performance Evaluation of Peak-to-Average Power Ratio Reduction and Digital Pre-Distortion for OFDM Based Systems. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 3504-3511.	4.6	43
26	Study of Capon method for array signal processing. Circuits, Systems, and Signal Processing, 1995, 14, 749-770.	2.0	38
27	Improved sequential MUSIC. IEEE Transactions on Aerospace and Electronic Systems, 1995, 31, 1230-1239.	4.7	37
28	Detection of Dangerous Cornering in GNSS-Data-Driven Insurance Telematics. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3073-3083.	8.0	37
29	Comparison of evaluation criteria for power amplifier behavioral modeling. , 2008, , .		34
30	Characterization of a Flexible UWB Sensor for Indoor Localization. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 905-913.	4.7	33
31	A Technique to Extend the Bandwidth of an RF Power Amplifier Test Bed. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 1488-1494.	4.7	32
32	Driving Behavior Analysis for Smartphone-based Insurance Telematics. , 2015, , .		32
33	Measuring Volterra Kernels of Analog-to-Digital Converters Using a Stepped Three-Tone Scan. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 666-671.	4.7	31
34	A calibration scheme for imperfect quantizers. IEEE Transactions on Instrumentation and Measurement, 2000, 49, 1063-1068.	4.7	28
35	Data Fusion of Dual Foot-Mounted INS to Reduce the Systematic Heading Drift. , 2013, , .		28
36	Cooperative Decentralized Localization Using Scheduled Wireless Transmissions. IEEE Communications Letters, 2013, 17, 1240-1243.	4.1	28

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37	A Magnetic Ranging-Aided Dead-Reckoning Positioning System for Pedestrian Applications. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 953-963.	4.7	28
38	A Smart Sensor Node for the Internet-of-Elevatorsâ€”Non-Invasive Condition and Fault Monitoring. IEEE Sensors Journal, 2017, 17, 5198-5208.	4.7	27
39	Performance characterisation of foot-mounted ZUPT-aided INSs and other related systems. , 2010, , .		26
40	Joint Ranging and Clock Parameter Estimation by Wireless Round Trip Time Measurements. IEEE Journal on Selected Areas in Communications, 2015, 33, 2379-2390.	14.0	26
41	Synchronization by Two-Way Message Exchanges: CramÃ©r-Rao Bounds, Approximate Maximum Likelihood, and Offshore Submarine Positioning. IEEE Transactions on Signal Processing, 2010, 58, 2351-2362.	5.3	25
42	Postcorrection of Pipelined Analogâ€”Digital Converters Based on Input-Dependent Integral Nonlinearity Modeling. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3342-3350.	4.7	25
43	Phase Predistortion of a Class-D Outphasing RF Amplifier in 90 nm CMOS. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 642-646.	3.0	24
44	Indirect Instantaneous Car-Fuel Consumption Measurements. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 3190-3198.	4.7	24
45	Characterization of Concurrent Dual-Band Power Amplifiers Using a Dual Two-Tone Excitation Signal. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 2781-2791.	4.7	24
46	IMU-Based Smartphone-to-Vehicle Positioning. IEEE Transactions on Intelligent Vehicles, 2016, 1, 139-147.	12.7	23
47	Performance analysis of a correlation based single tone frequency estimator. Signal Processing, 1995, 44, 223-231.	3.7	22
48	Behavioral Power Amplifier Modeling Using the LASSO. , 2008, , .		22
49	Receiver I/Q Imbalance: Tone Test, Sensitivity Analysis, and the Universal Software Radio Peripheral. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 704-714.	4.7	22
50	Peak-to-Average Power Reduction of OFDM Signals by Convex Optimization: Experimental Validation and Performance Optimization. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 473-479.	4.7	22
51	Smoothing for ZUPT-aided INSs. , 2012, , .		22
52	Multiple-Tone Estimation by IEEE Standard 1057 and the Expectation-Maximization Algorithm. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 1833-1839.	4.7	21
53	Joint state and measurement time-delay estimation of nonlinear state space systems. , 2010, , .		20
54	Peak-Power Controlling Technique for Enhancing Digital Pre-Distortion of RF Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3571-3581.	4.6	20

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55	Scalable and Passive Wireless Network Clock Synchronization in LOS Environments. IEEE Transactions on Wireless Communications, 2017, 16, 3536-3546.	9.2	20
56	Predicting Graph Signals Using Kernel Regression Where the Input Signal is Agnostic to a Graph. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 698-710.	2.8	20
57	Reducing the Analog and Digital Bandwidth Requirements of RF Receivers for Measuring Periodic Sparse Waveforms. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 2960-2971.	4.7	19
58	Schedule-based sequential localization in asynchronous wireless networks. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	19
59	Estimation of velocity and size of particles from two channel laser anemometry measurements. Measurement: Journal of the International Measurement Confederation, 1997, 21, 113-123.	5.0	18
60	Bayesian Estimation With Distance Bounds. IEEE Signal Processing Letters, 2012, 19, 880-883.	3.6	18
61	Approximate maximum likelihood frequency estimation. Automatica, 1994, 30, 131-145.	5.0	17
62	Optimal index-bit allocation for dynamic post-correction of analog-to-digital converters. IEEE Transactions on Signal Processing, 2005, 53, 660-671.	5.3	17
63	Time synchronization and temporal ordering of asynchronous sensor measurements of a multi-sensor navigation system. , 2010, , .		17
64	Approximate Maximum Likelihood Estimation of Rician K-Factor and Investigation of Urban Wireless Measurements. IEEE Transactions on Wireless Communications, 2013, 12, 2545-2555.	9.2	17
65	Input-Dependent Integral Nonlinearity Modeling for Pipelined Analog-Digital Converters. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2609-2620.	4.7	16
66	Recursive learning-based joint digital predistorter for power amplifier and I/Q modulator impairments. International Journal of Microwave and Wireless Technologies, 2010, 2, 173-182.	1.9	16
67	Transceiver Inphase/Quadrature Imbalance, Ellipse Fitting, and the Universal Software Radio Peripheral. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3629-3639.	4.7	16
68	Chest-mounted inertial measurement unit for pedestrian motion classification using continuous hidden Markov model. , 2012, , .		16
69	Understanding Normalized Mean Squared Error in Power Amplifier Linearization. IEEE Microwave and Wireless Components Letters, 2018, 28, 1047-1049.	3.2	16
70	A Criterion for Optimizing Bit-Reduced Post-Correction of AD Converters. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 1159-1166.	4.7	15
71	Achievable ADC Performance by Postcorrection Utilizing Dynamic Modeling of the Integral Nonlinearity. Eurasip Journal on Advances in Signal Processing, 2007, 2008, .	1.7	15
72	Wideband radio frequency measurements: From instrumentation to sampling theory. IEEE Microwave Magazine, 2013, 14, 85-98.	0.8	15

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73	Joint Estimation of TOA and PPM Symbols Using Sub-Nyquist Sampled IR-UWB Signal. IEEE Communications Letters, 2017, 21, 949-952.	4.1	15
74	Predictive digital filtering of sinusoidal signals. IEEE Transactions on Signal Processing, 1998, 46, 364-374.	5.3	14
75	Risk assessment of vehicle cornering events in GNSS data driven insurance telematics. , 2014, , .		14
76	IEEE-STD-1057 Three Parameter Sine Wave Fit for SNR Estimation: Performance Analysis and Alternative Estimators. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1514-1523.	4.7	14
77	A notch filter based on recursive least-squares modelling. Signal Processing, 1994, 35, 231-239.	3.7	13
78	On the performance of the weighted linear predictor frequency estimator. IEEE Transactions on Signal Processing, 1995, 43, 3070-3071.	5.3	13
79	Multicomponent polynomial phase signal analysis using a tracking algorithm. IEEE Transactions on Signal Processing, 1999, 47, 1390-1395.	5.3	12
80	Truncated Gaussian noise in ADC histogram tests. Measurement: Journal of the International Measurement Confederation, 2007, 40, 36-42.	5.0	12
81	Harmonic Sampling and Reconstruction of Wideband Undersampled Waveforms: Breaking the Code. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2961-2969.	4.6	12
82	Self-Localization of Asynchronous Wireless Nodes With Parameter Uncertainties. IEEE Signal Processing Letters, 2013, 20, 551-554.	3.6	12
83	Scheduled UWB pulse transmissions for cooperative localization. , 2012, , .		11
84	Fusing the navigation information of dual foot-mounted zero-velocity-update-aided inertial navigation systems. , 2014, , .		11
85	Map-Aided Dead-Reckoning Using Only Measurements of Speed. IEEE Transactions on Intelligent Vehicles, 2016, 1, 244-253.	12.7	11
86	Dirty MIMO Transmitters: Does It Matter?. IEEE Transactions on Wireless Communications, 2018, 17, 5425-5436.	9.2	11
87	Smartphone Placement Within Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 669-679.	8.0	11
88	Discounted Least-Squares Gearshift Detection Using Accelerometer Data. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3953-3958.	4.7	10
89	Peak-Power Controlled Digital Predistorters for RF Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3582-3590.	4.6	10
90	Ranging results using a UWB platform in an indoor environment. , 2013, , .		10

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91	Long-term performance evaluation of a foot-mounted pedestrian navigation device. , 2015, , .		10
92	On the noise and power performance of a shoe-mounted multi-IMU inertial positioning system. , 2017, , .		10
93	On Hilbert transform, analytic signal, and modulation analysis for signals over graphs. Signal Processing, 2019, 156, 106-115.	3.7	10
94	Gaussian Processes Over Graphs. , 2020, , .		10
95	Effects of time synchronization errors in GNSS-aided INS. , 2008, , .		9
96	Noise impact on the identification of digital predistorter parameters in the indirect learning architecture. , 2012, , .		9
97	Static Integral Nonlinearity Modeling and Calibration of Measured and Synthetic Pipeline Analog-to-Digital Converters. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 502-511.	4.7	9
98	Planar-Based Visual Inertial Navigation: Observability Analysis and Motion Estimation. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 82, 277-299.	3.4	9
99	Frequency rate estimation at high SNR. IEEE Transactions on Signal Processing, 1997, 45, 2101-2105.	5.3	8
100	Prediction of Engine Noise using Parameterized Combustion Pressure Curves. , 0, , .		8
101	Onboard Estimation and Classification of a Railroad Curvature. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 653-660.	4.7	8
102	On the Calibration of Wideband Analogâ€“Digital Converters. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2353-2355.	4.7	8
103	MIMO and Massive MIMO Transmitter Crosstalk. IEEE Transactions on Wireless Communications, 2020, 19, 1882-1893.	9.2	8
104	A Bandwidth Extension Technique for Dynamic Characterization of Power Amplifiers. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	7
105	Combating the effect of chassis squat in vehicle performance calculations by accelerometer measurements. Measurement: Journal of the International Measurement Confederation, 2010, 43, 483-488.	5.0	7
106	Dynamic Calibration of Undersampled Pipelined ADCs by Frequency Domain Filtering. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 1882-1891.	4.7	7
107	Challenges in smartphone-driven usage based insurance. , 2013, , .		7
108	Process Innovation with Disruptive Technology in Auto Insurance: Lessons Learned from a Smartphone-Based Insurance Telematics Initiative. Management for Professionals, 2015, , 85-101.	0.5	7

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109	Nonlinear Distortion Noise and Linear Attenuation in MIMO Systems—Theory and Application to Multiband Transmitters. IEEE Transactions on Signal Processing, 2019, 67, 5203-5212.	5.3	7
110	Frequency selective adaptive time delay estimation. IEEE Transactions on Signal Processing, 1999, 47, 532-535.	5.3	6
111	Histogram Tests for Wideband Applications. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 70-75.	4.7	6
112	Design of impulse radio UWB transmitter for short range communications using PPM signals. , 2013, , .		6
113	Spectral efficient IR-UWB communication design for low complexity transceivers. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	6
114	Inertial Sensor Array Processing with Motion Models. , 2018, , .		6
115	Usage-Based Auto Insurance on the Swedish Market: A Case Study. , 2019, , .		6
116	Model based dynamic characterization of analog-digital-converters at radio frequency. , 2007, , .		5
117	Wideband characterization of power amplifiers using undersampling. , 2009, , .		5
118	Unfolding the frequency spectrum for undersampled wideband data. Signal Processing, 2011, 91, 1347-1350.	3.7	5
119	A flexible UWB sensor for indoor localization. , 2012, , .		5
120	Realtime implementation of visual-aided inertial navigation using epipolar constraints. , 2012, , .		5
121	Smartphone instrumentation for insurance telematics. , 2015, , .		5
122	Multi-Kernel Regression for Graph Signal Processing. , 2018, , .		5
123	Behavioral modeling and digital pre-distortion techniques for RF PAs in a 3 Å— 3 MIMO system. International Journal of Microwave and Wireless Technologies, 2019, 11, 989-999.	1.9	5
124	Look-Up Tables, Dithering and Volterra Series for ADC Improvements. Signals and Communication Technology, 2014, , 249-275.	0.5	5
125	A Versatile PC-Based Platform For Inertial Navigation. , 2006, , .		4
126	Parameter extraction and performance evaluation method for increased performance in RF power amplifier behavioral modeling. International Journal of RF and Microwave Computer-Aided Engineering, 2010, 20, 200-208.	1.2	4

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127	Ricean K-factor estimation and investigation of urban wireless measurements. , 2012, , .		4
128	Two novel memory polynomial models for modeling of RF power amplifiers. International Journal of Microwave and Wireless Technologies, 2015, 7, 19-29.	1.9	4
129	Fusion of OBD and GNSS Measurements of Speed. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1659-1667.	4.7	4
130	Extraction of the Third-Order 3x3 MIMO Volterra Kernel Outputs Using Multitone Signals. IEEE Transactions on Microwave Theory and Techniques, 2018, , 1-15.	4.6	4
131	Modeling Mixer and Power Amplifier Impairments. IEEE Microwave and Wireless Components Letters, 2019, 29, 441-443.	3.2	4
132	Asymptotic variance of the AR spectral estimator for noisy sinusoidal data. Signal Processing, 1994, 35, 131-139.	3.7	3
133	Bounds on the performance of analog-to-digital converter look-up table post-correction. Measurement: Journal of the International Measurement Confederation, 2009, 42, 1164-1175.	5.0	3
134	Model order determination and segmentation of analog-digital converters integral non linearity. , 2010, , .		3
135	Peak-to-average power ratio reduction versus digital pre-distortion in OFDM based systems. , 2011, , .		3
136	Projection-based atom selection in orthogonal matching pursuit for compressive sensing. , 2012, , .		3
137	The dual channel sinewave model: Co-prime sparse sampling, parameter estimation, and the Cram�r-Rao Bound. Measurement: Journal of the International Measurement Confederation, 2012, 45, 2254-2263.	5.0	3
138	Development of a radio front end for a UWB ranging embedded test bed. , 2012, , .		3
139	Pilot tone aided measurements to extend the bandwidth of radio frequency applications. Measurement: Journal of the International Measurement Confederation, 2016, 90, 534-541.	5.0	3
140	2D Extended envelope memory polynomial model for concurrent dual-band RF transmitters. International Journal of Microwave and Wireless Technologies, 2017, 9, 1619-1627.	1.9	3
141	Power Spectral Density Error Analysis of Spectral Subtraction Type of Speech Enhancement Methods. Eurasip Journal on Advances in Signal Processing, 2006, 2007, 1.	1.7	2
142	On the Estimation of Quantizer Reconstruction Levels. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 2176-2182.	4.7	2
143	Cram�r-Rao Bounds and Non-Linear Least Squares for a Seven Parameter Dual Channel Sinewave Model. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	2
144	Kautz�Volterra modelling of analogue-to-digital converters. Computer Standards and Interfaces, 2010, 32, 126-129.	5.4	2

#	ARTICLE	IF	CITATIONS
145	Multi-tone design for out-of-band characterization of nonlinear RF modules using harmonic sampling. , 2010, , .		2
146	Application of time-to-digital converters to radio-frequency distance measurement. , 2013, , .		2
147	Voice radio communication, pedestrian localization, and the tactical use of 3D audio. , 2013, , .		2
148	On SNR estimation using IEEE-STD-1057 three-parameter sine wave fit. , 2013, , .		2
149	Multitone Design for third order MIMO Volterra Kernels. , 2017, , .		2
150	A comparative analysis of the complexity/accuracy tradeoff in the mitigation of RF MIMO transmitter impairments. , 2017, , .		2
151	Extreme Learning Machine for Graph Signal Processing. , 2018, , .		2
152	Impact of Backward Crosstalk in 2 \times 2 MIMO Transmitters on NMSE and Spectral Efficiency. IEEE Transactions on Communications, 2020, 68, 4277-4292.	7.8	2
153	Clock Synchronization Over Networks: Identifiability of the Sawtooth Model. IEEE Open Journal of Signal Processing, 2020, 1, 14-27.	3.5	2
154	Comments on "On amplitude and frequency demodulation using energy operators". IEEE Transactions on Signal Processing, 1998, 46, 506-507.	5.3	1
155	Mirrored parallel Hammerstein predistortion for multitone generation. , 2011, , .		1
156	Fast Argument Quantization [SP Tips&Tricks]. IEEE Signal Processing Magazine, 2013, 30, 169-172.	5.6	1
157	Gradient sample argument weighting for robust image region description. , 2013, , .		1
158	Precise clock parameter estimation and ground truth capture for clock error measurements using FPGAs. , 2014, , .		1
159	An experimental study on a pedestrian tracking device. , 2015, , .		1
160	Integration of GNSS-receivers with dual foot-mounted INS in urban and indoor environments. , 2016, , .		1
161	Alternative EM Algorithms for Nonlinear State-Space Models. , 2018, , .		1
162	Characterization of Volterra Kernels for RF Power Amplifiers Using a Two-Tone Signal and a Large-Signal. , 2018, , .		1

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163	Clock Synchronization Over Networks Using Sawtooth Models. , 2020, , .		1
164	State-of-the-Art In-Car Navigation: An Overview. , 2012, , 435-462.		1
165	On noise reduction for enhancement of speech in mobile telephony applications. AIP Conference Proceedings, 2006, , .	0.4	0
166	OFDM PAPR reduction by convex optimization: A power amplifier point-of-view. , 2010, , .		0
167	A wideband interference power estimator using a 1-bit quantizer. , 2011, , .		0
168	A Sensor Fusion Algorithm for Mobile Node Localization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11258-11264.	0.4	0
169	Characterizing the out-of-band nonlinear behaviour of RF devices: The key to success. , 2011, , .		0
170	Gear scale estimation for synthetic speed pulse generation. , 2011, , .		0
171	Development of a test bed for UWB radio indoor localization of first responders. , 2012, , .		0
172	Study of the Power Amplifier transfer function symmetry and its relation to dynamic effects. , 2015, , .		0
173	Rebuttal to "On Dual-Band Amplifications Using Dual Two-Tones: Clarifications and Discussions" IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2795-2797.	4.7	0
174	Characterization of Volterra Kernels for RF Power Amplifiers Using a Two-Tone Signal and a Large-Signal. , 2018, , .		0