

Guoan Bi

List of Publications by Year in descending order

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275
papers

3,585
citations

147801

31
h-index

189892

50
g-index

277
all docs

277
docs citations

277
times ranked

2237
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Resolution ISAR Imaging for Maneuvering Target Based on Deep-Learning-Assisted Time-Frequency Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	17
2	Airborne FMCW SAR Sparse Data Processing via Frequency-Scaling Algorithm. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1224-1228.	3.1	1
3	Guest Editorial: Special Section on Advanced Signal Processing and AI Technologies for Industrial Big Data. IEEE Transactions on Industrial Informatics, 2021, 17, 3379-3381.	11.3	0
4	Structured Bayesian learning for recovery of clustered sparse signal. Signal Processing, 2020, 166, 107255.	3.7	18
5	FMCW SAR Sparse Imaging Based on Approximated Observation: An Overview on Current Technologies. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4825-4835.	4.9	17
6	An improved iterative thresholding algorithm for L1-norm regularization based sparse SAR imaging. Science China Information Sciences, 2020, 63, 1.	4.3	4
7	Bayesian High Resolution Range Profile Reconstruction of High-Speed Moving Target From Under-Sampled Data. IEEE Transactions on Image Processing, 2020, 29, 5110-5120.	9.8	8
8	Target Localization in High-Coherence Multipath Environment Based on Low-Rank Decomposition and Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6197-6209.	6.3	9
9	Distributed compressive sensing via LSTM-Aided sparse Bayesian learning. Signal Processing, 2020, 176, 107656.	3.7	3
10	From Theory to Application: Real-Time Sparse SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2928-2936.	6.3	37
11	Novel ISAR Range Alignment via Minimizing the Entropy of the Sum Range Profile. , 2020, , .		3
12	Lq-norm Regularization Based SAR Image Feature Enhancement. , 2020, , .		0
13	L2,1-norm Regularization Based Sparse SAR Imaging From Periodic Block Sampling Data: Initial Result. , 2020, , .		0
14	A Novel Wide Area Multiple Azimuth Beam ISAR Imaging System. IEEE Access, 2019, 7, 65277-65287.	4.2	1
15	Performance Analysis of Iterative Soft Thresholding Algorithm for L_{1} Regularization Based Sparse SAR Imaging. , 2019, , .		5
16	Wavenumber Domain Algorithm-Based FMCW SAR Sparse Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7466-7475.	6.3	21
17	Target Localization in Multipath Propagation Environment Using Dictionary-Based Sparse Representation. IEEE Access, 2019, 7, 150583-150597.	4.2	3
18	Unitary Matrix Completion-Based DOA Estimation of Noncircular Signals in Nonuniform Noise. IEEE Access, 2019, 7, 73719-73728.	4.2	9

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19	Joint Sparse Aperture ISAR Autofocusing and Scaling via Modified Newton Method-Based Variational Bayesian Inference. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4857-4869.	6.3	42
20	A novel iterative soft thresholding algorithm for L1 regularization based SAR image enhancement. Science China Information Sciences, 2019, 62, 1.	4.3	10
21	A New Motion Parameter Estimation and Relocation Scheme for Airborne Three-Channel CSSAR-GMTI Systems. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4107-4120.	6.3	23
22	Real-Time Data Processing in Sparse SAR Imaging. , 2019, , .		2
23	Hybrid Method of Altitude Estimation Under Low-angle Target Tracking Environment. , 2019, , .		0
24	An Accurate Imaging and Doppler Chirp Rate Estimation Algorithm for Airborne CSSAR-GMTI Systems. IEEE Access, 2019, 7, 170077-170086.	4.2	3
25	Opportunistic Spectrum Access for UAV Communications Towards Ultra Dense Networks. IEEE Access, 2019, 7, 175021-175032.	4.2	16
26	Random Matching Pursuit for Image Watermarking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 625-639.	8.3	17
27	Alternative Extended Block Sparse Bayesian Learning for Cluster Structured Sparse Signal Recovery. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 3-12.	0.3	0
28	Complex-Image-Based Sparse SAR Imaging and its Equivalence. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5006-5014.	6.3	44
29	Fast ISAR Cross-Range Scaling Using Modified Newton Method. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1355-1367.	4.7	28
30	TDCS-IDMA System for Cognitive Radio Networks With Cloud. IEEE Access, 2018, 6, 20520-20530.	4.2	5
31	Alternative to Extended Block Sparse Bayesian Learning and Its Relation to Pattern-Coupled Sparse Bayesian Learning. IEEE Transactions on Signal Processing, 2018, 66, 2759-2771.	5.3	40
32	An Effective LFM Signal Reconstruction Method for Signal Denoising. Journal of Circuits, Systems and Computers, 2018, 27, 1850140.	1.5	3
33	Airborne FMCW SAR Sparse Imaging: Initial Results. , 2018, , .		0
34	Acoustic Source Localization Based on Sparse Representation Using Image Model and its Experimental Verification. , 2018, , .		1
35	Off-Grid DOA Estimation in Mutual Coupling via Robust Sparse Bayesian Learning. , 2018, , .		4
36	Sparse Bayesian Recovery Method for Noisy Underdetermined Convolutional Speech Separation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Weighted Block Sparse Recovery Algorithm for High Resolution DOA Estimation with Unknown Mutual Coupling. Electronics (Switzerland), 2018, 7, 217.	3.1	10
38	Tensor-Based Angle Estimation Approach for Strictly Noncircular Sources with Unknown Mutual Coupling in Bistatic MIMO Radar. Sensors, 2018, 18, 2788.	3.8	10
39	A range-Doppler-angle estimation method for passive bistatic radar. , 2018, , .		2
40	Robust Angle Estimation for MIMO Radar with the Coexistence of Mutual Coupling and Colored Noise. Sensors, 2018, 18, 832.	3.8	4
41	Toward Cooperation by Carrier Aggregation in Heterogeneous Networks: A Hierarchical Game Approach. IEEE Transactions on Vehicular Technology, 2017, 66, 1670-1683.	6.3	47
42	Nuclear norm minimization framework for DOA estimation in MIMO radar. Signal Processing, 2017, 135, 147-152.	3.7	86
43	On Practical Issues of Electric Network Frequency Based Audio Forensics. IEEE Access, 2017, 5, 20640-20651.	4.2	25
44	Underdetermined blind separation of overlapped speech mixtures in time-frequency domain with estimated number of sources. Speech Communication, 2017, 89, 1-16.	2.8	23
45	Maneuvering target imaging and scaling by using sparse inverse synthetic aperture. Signal Processing, 2017, 137, 149-159.	3.7	20
46	Autocalibrated Sampling Rate Conversion in the Frequency Domain [Tips & Tricks]. IEEE Signal Processing Magazine, 2017, 34, 101-106.	5.6	1
47	Ground Moving Target Imaging and Motion Parameter Estimation With Airborne Dual-Channel CSSAR. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5242-5253.	6.3	15
48	A Keystone-Based Cosine Transform. Circuits, Systems, and Signal Processing, 2017, 36, 3438-3447.	2.0	3
49	Spectrum-Oriented FFBP Algorithm in Quasi-Polar Grid for SAR Imaging on Maneuvering Platform. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 724-728.	3.1	18
50	Sparsity-Driven SAR Imaging for Highly Maneuvering Ground Target by the Combination of Time-Frequency Analysis and Parametric Bayesian Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1443-1455.	4.9	28
51	Quasi-Polar-Based FFBP Algorithm for Miniature UAV SAR Imaging Without Navigational Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 7053-7065.	6.3	56
52	Wide-band DOA estimation method based on fast sparse Bayesian learning. , 2017, , .		0
53	Computationally Efficient Wide-Band DOA Estimation Methods Based on Sparse Bayesian Framework. IEEE Transactions on Vehicular Technology, 2017, 66, 11108-11121.	6.3	12
54	Single-channel speech separation based on robust sparse Bayesian learning. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
55	NsRCM correction in fast factorized back projection algorithm for UAV SAR motion compensation. , 2017, , .		0
56	Variational Bayesian Sparse Signal Recovery With LSM Prior. IEEE Access, 2017, 5, 26690-26702.	4.2	27
57	Doppler-shift invariant feature extraction for underwater acoustic target classification. , 2017, , .		3
58	Underdetermined separation of instantaneous speech mixtures with hierarchical sparse recovery scheme. , 2017, , .		0
59	Enhanced ISAR Imaging and Motion Estimation With Parametric and Dynamic Sparse Bayesian Learning. IEEE Transactions on Computational Imaging, 2017, 3, 940-952.	4.4	47
60	Direction of Arrival Estimation for MIMO Radar via Unitary Nuclear Norm Minimization. Sensors, 2017, 17, 939.	3.8	12
61	Underdetermined Separation of Speech Mixture Based on Sparse Bayesian Learning. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	1
62	Logarithmic Laplacian Prior Based Bayesian Inverse Synthetic Aperture Radar Imaging. Sensors, 2016, 16, 611.	3.8	4
63	A sparsity-driven auto-focus technique for radar imaging. , 2016, , .		0
64	Serialization of tree structured Quadrature Mirror Filter bank. , 2016, , .		0
65	2D sparsity for joint DOA and frequency estimation of harmonic acoustic signals. , 2016, , .		1
66	Spectrum analysis of SAR image in polar grid system for back projection algorithm. , 2016, , .		1
67	ISAR imaging and motion compensation with sparse Bayesian learning. , 2016, , .		1
68	Improved Bayesian Compressive Sensing for Image Reconstruction Using Single-Level Wavelet Transform. , 2016, , .		2
69	DOA estimation of closely-spaced and spectrally-overlapped sources using a STFT-based MUSIC algorithm. , 2016, 52, 25-34.		27
70	Distributed guidance for interception by using multiple rotary-wing unmanned aerial vehicles. , 2016, , .		3
71	A secure data hiding system based on over-complete dictionary partitioning. , 2016, , .		1
72	The spherical harmonics root-music. , 2016, , .		16

#	ARTICLE	IF	CITATIONS
73	An efficient sparse representation algorithm for DOA estimation in MIMO radar system. , 2016, , .		0
74	ISAR maneuvering targets imaging and motion estimation from parametric sparse bayesian learning. , 2016, , .		2
75	Autofocus algorithm for radar/sonar imaging by exploiting the continuity structure. , 2016, , .		1
76	Forward Velocity Extraction From UAV Raw SAR Data Based on Adaptive Notch Filtering. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1211-1215.	3.1	13
77	Rotational motion estimaiton of high-resoluiton ISAR imaingng for manuvering targets. , 2016, , .		0
78	The Race to Improve Radar Imagery: An overview of recent progress in statistical sparsity-based techniques. IEEE Signal Processing Magazine, 2016, 33, 85-102.	5.6	63
79	Finite-length extrinsic information transfer analysis and design of protograph low-density parity-check codes for ultra-high-density magnetic recording channels. IET Communications, 2016, 10, 1303-1311.	2.2	4
80	ISAR cross-range scaling algorithm based on LVD. , 2016, , .		5
81	Sparse Bayesian Learning for DOA estimation in MIMO radar with unknown nonuniform noise. , 2016, , .		8
82	Dual channel watermarking " A filter perspective. , 2016, , .		0
83	Rate-Compatible Root-Protograph LDPC Codes for Quasi-Static Fading Relay Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 2741-2747.	6.3	27
84	Structured sparsity-driven autofocus algorithm for high-resolution radar imagery. Signal Processing, 2016, 125, 376-388.	3.7	23
85	When Compressive Sensing Meets Data Hiding. IEEE Signal Processing Letters, 2016, 23, 473-477.	3.6	26
86	SAR Ground Moving Target Imaging Algorithm Based on Parametric and Dynamic Sparse Bayesian Learning. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2254-2267.	6.3	62
87	Novel Wideband DOA Estimation Based on Sparse Bayesian Learning With Dirichlet Process Priors. IEEE Transactions on Signal Processing, 2016, 64, 275-289.	5.3	96
88	Motion Error Compensation for Quad-rotor Miniature Unmanned Aerial Vehicle SAR Imaging. , 2016, , .		0
89	A novel motion compensation approach for highly-manoeuving platform SAR imagery. , 2015, , .		1
90	A data-driven approach for monitoring forward velocity for small and lightweight drone. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
91	A time-frequency preprocessing method for blind source separation of speech signal with temporal structure. , 2015, , .		2
92	Wide area multichannel ISAR imaging system. , 2015, , .		1
93	A Survey on Protograph LDPC Codes and Their Applications. IEEE Communications Surveys and Tutorials, 2015, 17, 1989-2016.	39.4	130
94	Low complexity subspace approach for direction finding in bistatic MIMO radar. , 2015, , .		1
95	A modified fast factorized back-projection algorithm for squint UWB-SAR imaging. , 2015, , .		1
96	Performance analysis for geosynchronous SAR interferometry system. , 2015, , .		0
97	SAR ground moving target estimation and imaging by using Lv's distribution. , 2015, , .		0
98	Performance of two-dimensional Lv distribution. , 2015, , .		1
99	Short-time Lv transform and its application for non-linear FM signal detection. Journal of Systems Engineering and Electronics, 2015, 26, 1159-1168.	2.2	5
100	Asymptotic performance analysis of protograph LDPC-coded STBC systems in fading channels. , 2015, , .		5
101	Investigation on SAR ground moving target imaging under sparse Bayesian learning framework. , 2015, , .		1
102	Robust Frequency-Hopping Spectrum Estimation Based on Sparse Bayesian Method. IEEE Transactions on Wireless Communications, 2015, 14, 781-793.	9.2	48
103	Sparse Representation-Based ISAR Imaging Using Markov Random Fields. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3941-3953.	4.9	55
104	IF estimation of FM signals based on time-frequency image. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 326-343.	4.7	51
105	Adaptive Interference Suppression Based on Lv Distribution for DSSS Communications. Journal of Circuits, Systems and Computers, 2015, 24, 1550012.	1.5	3
106	Ground moving target imaging by synthetic aperture radar based on an unified framework of keystone transformation. , 2015, , .		0
107	Airborne SAR Moving Target Signatures and Imagery Based on LVD. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5958-5971.	6.3	41
108	Image reconstruction based on the improved compressive sensing algorithm. , 2015, , .		14

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109	Wideband DOA estimation by joint sparse representation under Bayesian learning framework. , 2015, , .		2
110	Design and Analysis of Root-Protograph LDPC Codes for Non-Ergodic Block-Fading Channels. IEEE Transactions on Wireless Communications, 2015, 14, 738-749.	9.2	29
111	Joint optimisation algorithm of cooperative spectrum sensing with cooperative overhead and subband transmission power for wideband cognitive radio network. Transactions on Emerging Telecommunications Technologies, 2015, 26, 586-597.	3.9	8
112	Harmonic tonal detectors based on the BOGA. Signal Processing, 2015, 106, 215-230.	3.7	0
113	Robust time-varying filtering and separation of some nonstationary signals in low SNR environments. Signal Processing, 2015, 106, 141-158.	3.7	22
114	Supervised modulation classification based on ambiguity function image and invariant moments. , 2014, , .		7
115	Resource allocation in D2D-enabled cellular networks using hierarchical game. , 2014, , .		5
116	ISAR imaging by exploiting the continuity of target scene. , 2014, , .		3
117	Sequence Design for Cognitive CDMA Communications under Arbitrary Spectrum Hole Constraint. IEEE Journal on Selected Areas in Communications, 2014, 32, 1974-1986.	14.0	38
118	On the modulation and signalling design for a transform domain communication system. IET Communications, 2014, 8, 2909-2916.	2.2	3
119	Automatic multi-speaker speech recognition system based on time-frequency blind source separation under ubiquitous environment. , 2014, , .		1
120	DOA estimation of harmonic acoustic signals. , 2014, , .		0
121	A Voice Activity Detector Based on Noise Spectrum Adaptation and Discrimination Information for Automatic Speech Recognition System. , 2014, , .		2
122	Phase/gain error compensation in sensor array via variational Bayesian inference. , 2014, , .		2
123	Time-frequency representation reconstruction based on the compressive sensing. , 2014, , .		3
124	Time-varying filtering and separation of nonstationary FM signals in strong noise environments. , 2014, , .		5
125	Blind Frequency Hopping Spectrum Estimation: A Bayesian Approach. , 2014, , .		2
126	Systematic analysis of uncertainty principles of the local polynomial Fourier transform. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	3

#	ARTICLE	IF	CITATIONS
127	IF extraction of multicomponent radar signals based on time-frequency gradient image. , 2014, , .		4
128	An Autofocus Technique for High-Resolution Inverse Synthetic Aperture Radar Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6392-6403.	6.3	115
129	Structured sparse representation based ISAR imaging. , 2014, , .		2
130	Performance comparisons for robust local polynomial Fourier transform in impulsive noises. , 2014, , .		1
131	Hierarchical Sparse Signal Recovery by Variational Bayesian Inference. IEEE Signal Processing Letters, 2014, 21, 110-113.	3.6	17
132	Enhanced ISAR Imaging by Exploiting the Continuity of the Target Scene. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5736-5750.	6.3	112
133	Time domain averaging and correlation-based improved spectrum sensing method for cognitive radio. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	0
134	Improved Spectrum Sensing Method for Cognitive Radio Based on Time Domain Averaging and Correlation. Lecture Notes in Electrical Engineering, 2014, , 1229-1237.	0.4	1
135	Suppressing frequency modulated interference based on Lv distribution. , 2013, , .		0
136	An Improved Auto-Calibration Algorithm Based on Sparse Bayesian Learning Framework. IEEE Signal Processing Letters, 2013, 20, 889-892.	3.6	54
137	Sampling rate conversion based on DCT-II/III. , 2013, , .		0
138	Improved spectrum efficiency for transform domain communication systems. , 2013, , .		0
139	TDCS-Based Cognitive Radio Networks with Multiuser Interference Avoidance. IEEE Transactions on Communications, 2013, 61, 4828-4835.	7.8	36
140	Performance analysis on Lv distribution and its applications. , 2013, 23, 797-807.		57
141	Sampling rate conversion based on DFT and DCT. Signal Processing, 2013, 93, 476-486.	3.7	11
142	Joint optimization of sensing threshold and transmission power in wideband cognitive radio with energy detection. Radio Science, 2013, 48, 359-370.	1.6	9
143	Spectrally efficient transform domain communication system with quadrature cyclic code shift keying. IET Communications, 2013, 7, 382-390.	2.2	30
144	Dynamic access strategy selection in user deployed small cell networks. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
145	Harmonic signal recovery and order estimation based on cascaded sparse processing. , 2013, , .		0
146	The properties of higher-order reassigned local polynomial periodogram. , 2013, , .		0
147	Optimal Joint Sensing Threshold and Sub-channel Power Allocation in Multi-channel Cognitive Radio. Lecture Notes in Computer Science, 2013, , 251-261.	1.3	2
148	A Hierarchical Game Theoretic Framework for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 2053-2069.	14.0	40
149	Time-frequency peak filtering for the recognition of communication signals. , 2012, , .		5
150	Price-based distributed resource allocation for femtocell networks. , 2012, , .		5
151	Detector for tonals with harmonics. , 2012, , .		0
152	FFT-based sampling rate conversion. , 2012, , .		4
153	On uncertainty principle of the local polynomial Fourier transform. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.7	2
154	The higher-order reassigned local polynomial periodogram and its properties. Signal Processing, 2012, 92, 2909-2918.	3.7	1
155	ISAR maneuvering target imaging based on compressive time-frequency distribution. , 2012, , .		5
156	Novel pseudorandom phase generation in transform domain communication systems. , 2011, , .		3
157	Spectrum sensing of wireless microphone signals based on LHT. , 2011, , .		2
158	Analysis of sidelobe effects and resolution of PTFT. , 2011, , .		0
159	The Group Lasso for Stable Recovery of Block-Sparse Signal Representations. IEEE Transactions on Signal Processing, 2011, 59, 1371-1382.	5.3	85
160	Game Theoretic Analysis for Spectrum Sharing with Multi-Hop Relaying. IEEE Transactions on Wireless Communications, 2011, 10, 1527-1537.	9.2	33
161	On application of time-frequency analysis to communication signal detection and estimation. , 2011, , .		1
162	A Simple Distributed Power Control Algorithm for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3594-3600.	9.2	46

#	ARTICLE	IF	CITATIONS
163	Effect of Carrier Frequency Offset on Single-Carrier CDMA With Frequency-Domain Equalization. IEEE Transactions on Vehicular Technology, 2011, 60, 174-184.	6.3	10
164	Sampling Rate Conversion in the Frequency Domain [DSP Tips and Tricks]. IEEE Signal Processing Magazine, 2011, 28, 140-144.	5.6	16
165	LFM signal detection using LPP-Hough transform. Signal Processing, 2011, 91, 1432-1443.	3.7	54
166	Local polynomial Fourier transform: A review on recent developments and applications. Signal Processing, 2011, 91, 1370-1393.	3.7	86
167	Improved stability conditions of BOGA for noisy block-sparse signals. Signal Processing, 2011, 91, 2567-2574.	3.7	8
168	Lv's Distribution: Principle, Implementation, Properties, and Performance. IEEE Transactions on Signal Processing, 2011, 59, 3576-3591.	5.3	193
169	Fast algorithms for PTFTs. , 2011, , .		0
170	Comparisons of parametric methods for polynomial phase signal parameter estimation. , 2011, , .		1
171	Pipelined structure based on radix-2 ² FFT algorithm. , 2011, , .		0
172	Time-Frequency Filtering and Its Application in Chirp Signal Detection. Communications in Computer and Information Science, 2011, , 224-232.	0.5	1
173	An Efficient and Robust Orthogonal Structure for Linear Discrete-Time Systems. Circuits, Systems, and Signal Processing, 2010, 29, 727-743.	2.0	4
174	Aliased polyphase sampling. Signal Processing, 2010, 90, 1323-1326.	3.7	6
175	Block orthogonal greedy algorithm for stable recovery of block-sparse signal representations. Signal Processing, 2010, 90, 3265-3277.	3.7	8
176	Distributed optimization for cognitive radio networks using Stackelberg game. , 2010, , .		17
177	A unified expression for split-radix DFT algorithms. , 2010, , .		6
178	Quantitative SNR Analysis for ISAR Imaging using LPFT. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 1241-1248.	4.7	25
179	New adaptive bit allocation algorithms for multiuser OFDM/CDMA systems. Wireless Networks, 2009, 15, 341-351.	3.0	1
180	Adaptive subcarrier allocation and bit loading for voice/data transmission in multiuser OFDM systems. Wireless Communications and Mobile Computing, 2009, 9, 894-908.	1.2	3

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181	The reassigned local polynomial periodogram and its properties. Signal Processing, 2009, 89, 206-217.	3.7	12
182	Novel detection technique for DS-CDMA with frequency domain oversampling. , 2009, , .		0
183	Reassignment methods for robust time-frequency representations. , 2009, , .		1
184	Uncertainty principle of the second-order LPFT. , 2009, , .		4
185	On the cross-terms in LPPs. , 2009, , .		2
186	An improved amplify-and-forward strategy for user cooperation channels. , 2009, , .		2
187	Radix-3 fast algorithms for polynomial time frequency transforms. Signal Processing, 2008, 88, 2316-2322.	3.7	5
188	Tone interference suppression in DS-SS systems with modified DFT. Signal Processing, 2008, 88, 2817-2824.	3.7	2
189	Fast Algorithms for Polynomial Time-Frequency Transforms of Real-Valued Sequences. IEEE Transactions on Signal Processing, 2008, 56, 1905-1915.	5.3	11
190	Pipelined Hardware Structure for Sequence-Ordered Complex Hadamard Transform. IEEE Signal Processing Letters, 2008, 15, 401-404.	3.6	17
191	A new transform for chirp detection. , 2008, , .		3
192	Orthonormal Subspace Tracking Algorithm for Space-Time Multiuser Detection in Multipath CDMA Channels. IEEE Transactions on Vehicular Technology, 2007, 56, 3838-3845.	6.3	8
193	On the capacity of frequency division Gaussian MIMO relay channels. , 2007, , .		0
194	Design of stable adaptive recursive filters using a new parametrization of 2nd order balanced realizations. , 2007, , .		2
195	Improved ISAR imaging based on local polynomial fourier transform. , 2007, , .		1
196	Split-Radix Algorithms for Arbitrary Order of Polynomial Time Frequency Transforms. IEEE Transactions on Signal Processing, 2007, 55, 134-141.	5.3	13
197	Generalized Fast Algorithms for the Polynomial Time-Frequency Transform. IEEE Transactions on Signal Processing, 2007, 55, 4907-4915.	5.3	20
198	Fast algorithms for polynomial time frequency transform. Signal Processing, 2007, 87, 789-798.	3.7	7

#	ARTICLE	IF	CITATIONS
199	Modified SMC method of blind multiuser detection for DS-CDMA systems over fading channels. Wireless Personal Communications, 2007, 43, 1339-1349.	2.7	0
200	Radix-2 DIF fast algorithms for polynomial time-frequency transforms. IEEE Transactions on Aerospace and Electronic Systems, 2006, 42, 1540-1546.	4.7	18
201	Blind Multiuser Detection for Long Code Multipath DS-CDMA Systems with Bayesian MC Techniques. Wireless Personal Communications, 2006, 39, 265-278.	2.7	4
202	SMC-Based Blind Detection for DS-CDMA Systems Over Multipath Fading Channels. IEEE Transactions on Communications, 2006, 54, 971-974.	7.8	4
203	Interference Suppression in DS-SS Systems with Modified Discrete Fourier Transform. , 2006, , .		0
204	Efficient Analysis of Time-Varying Multicomponent Signals with Modified LPTFT. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	23
205	Intersymbol Decorrelating Detector for Asynchronous CDMA Networks with Multipath. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	3
206	Blind intersymbol decorrelating detector for asynchronous multicarrier CDMA system. Signal Processing, 2005, 85, 1511-1522.	3.7	2
207	An improved ρ /DFILT structure for digital filters with minimum roundoff noise. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 199-203.	2.2	10
208	Dilation dependent matched filtering for SAR signal processing. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 729-736.	4.7	2
209	Group-blind intersymbol multiuser detection for downlink CDMA with multipath. IEEE Transactions on Wireless Communications, 2005, 4, 434-443.	9.2	9
210	New adaptive bit loading algorithms for uplink multiuser OFDM/CDMA systems. , 2004, , .		0
211	Broadband interference suppression in DS-SS system with modified discrete chirp Fourier transform. Signal Processing, 2004, 84, 1749-1758.	3.7	6
212	Transforms and Fast Algorithms for Signal Analysis and Representations. , 2004, , .		37
213	Fast Algorithms for 1D Discrete Hartley Transform. , 2004, , 93-144.		0
214	New Methods of Time-Frequency Analysis. , 2004, , 367-418.		0
215	Fast Algorithms for MD Discrete Hartley Transform. , 2004, , 145-206.		0
216	Fast Algorithms for MD Discrete Cosine Transform. , 2004, , 247-320.		0

#	ARTICLE	IF	CITATIONS
217	Fast Fourier Transform Algorithms. , 2004, , 47-92.		2
218	Integer Transforms and Fast Algorithms. , 2004, , 321-365.		0
219	Polynomial Transforms and Their Fast Algorithms. , 2004, , 9-45.		0
220	Fast Algorithms for 1D Discrete Cosine Transform. , 2004, , 207-245.		0
221	Signal Processing for Large Bandwidth and Long Duration Waveform SAR. Multidimensional Systems and Signal Processing, 2003, 14, 119-137.	2.6	4
222	Odd-Factor Algorithms for Multidimensional Discrete W Transform. Circuits, Systems, and Signal Processing, 2003, 22, 377.	2.0	2
223	Fast Computation of MD-DCT-IV/MD-DST-IV by MD-DWT or MD-DCT-II. SIAM Journal of Scientific Computing, 2003, 24, 1903-1918.	2.8	3
224	New method of performance analysis for diversity reception with correlated rayleigh-fading signals. IEEE Transactions on Vehicular Technology, 2003, 52, 726-727.	6.3	35
225	Extending the sound impulse response of room using extrapolation. IEEE Transactions on Speech and Audio Processing, 2002, 10, 167-172.	1.5	10
226	Tomography time-frequency transform. IEEE Transactions on Signal Processing, 2002, 50, 1289-1297.	5.3	12
227	Lifting Factorization of Discrete W Transform. Circuits, Systems, and Signal Processing, 2002, 21, 277-298.	2.0	3
228	Fast algorithm for multi-dimensional discrete Hartley transform with size $q_1 \times q_2 \times \dots \times q_r$. Signal Processing, 2002, 82, 497-502.	3.7	4
229	New algorithms for multidimensional discrete Hartley transform. Signal Processing, 2002, 82, 1086-1095.	3.7	10
230	Combined Polynomial Transform and Radix-q Algorithm for Multi-dimensional DCT-III. Multidimensional Systems and Signal Processing, 2002, 13, 79-99.	2.6	6
231	Combined polynomial transform and radix-q algorithm for MD discrete W transform. IEEE Transactions on Signal Processing, 2001, 49, 634-641.	5.3	4
232	Prime factor algorithm for multidimensional discrete cosine transform. IEEE Transactions on Signal Processing, 2001, 49, 2156-2161.	5.3	6
233	Integer DCTs and fast algorithms. IEEE Transactions on Signal Processing, 2001, 49, 2774-2782.	5.3	62
234	Subspace-based multiuser detection for antenna array CDMA systems. Journal of Communications and Networks, 2001, 3, 1-5.	2.6	0

#	ARTICLE	IF	CITATIONS
235	DCT hardware structure for sequentially presented data. <i>Signal Processing</i> , 2001, 81, 2333-2342.	3.7	23
236	Subspace training method for signature waveform estimation in multipath CDMA channel with coloured noise. <i>Electronics Letters</i> , 2000, 36, 902.	1.0	0
237	Fast recursive algorithms for 2-D discrete cosine transform. <i>Signal Processing</i> , 2000, 80, 1917-1935.	3.7	1
238	New method of performance analysis for diversity reception with correlated Rayleigh-fading signals. <i>IEEE Transactions on Vehicular Technology</i> , 2000, 49, 1807-1812.	6.3	40
239	Subspace training method for multiuser detection in dispersive CDMA channel. <i>Electronics Letters</i> , 2000, 36, 1315.	1.0	5
240	New algorithm for multidimensional type-III DCT. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2000, 47, 1523-1529.	2.2	9
241	On the computation of two-dimensional DCT. <i>IEEE Transactions on Signal Processing</i> , 2000, 48, 1171-1183.	5.3	18
242	New polynomial transform algorithm for multidimensional DCT. <i>IEEE Transactions on Signal Processing</i> , 2000, 48, 2814-2821.	5.3	32
243	Fast algorithms for generalized discrete Hartley transform of composite sequence lengths. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2000, 47, 893-901.	2.2	22
244	Code timing estimator for DS-SS signals in slow fading multipath channels. <i>Electronics Letters</i> , 1999, 35, 1604.	1.0	1
245	Adaptive harmonic fractional Fourier transform. <i>IEEE Signal Processing Letters</i> , 1999, 6, 281-283.	3.6	23
246	ON TEXTURE CLASSIFICATION USING FRACTAL DIMENSION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 1999, 13, 929-943.	1.2	13
247	Fast algorithms for the 2-D discrete W transform. <i>Signal Processing</i> , 1999, 74, 297-308.	3.7	3
248	Generation of two correlated Rayleigh fading signals with arbitrary powers. <i>Journal of Communications and Networks</i> , 1999, 1, 266-268.	2.6	1
249	Performance of multi-beam CDMA-based LEO satellite systems in a Rice-lognormal channel. <i>IEEE Communications Letters</i> , 1999, 3, 88-90.	4.1	8
250	Fast DHT algorithms for length $N=q^2/\sup m$. <i>IEEE Transactions on Signal Processing</i> , 1999, 47, 900-903.	5.3	17
251	On computation of the discrete W transform. <i>IEEE Transactions on Signal Processing</i> , 1999, 47, 1450-1453.	5.3	8
252	Fast algorithms for type-III DCT of composite sequence lengths. <i>IEEE Transactions on Signal Processing</i> , 1999, 47, 2053-2059.	5.3	10

#	ARTICLE	IF	CITATIONS
253	Performance of multibeam CDMA-based LEO satellite systems with imperfect power control. International Journal of Satellite Communications and Networking, 1998, 16, 155-167.	0.6	6
254	Fast generalized DFT and DHT algorithms. Signal Processing, 1998, 65, 383-390.	3.7	37
255	Fast algorithms for DFT of composite sequence lengths. Signal Processing, 1998, 70, 139-145.	3.7	5
256	FAST DHT ALGORITHMS FOR COMPOSITE SEQUENCE LENGTHS. Journal of Circuits, Systems and Computers, 1998, 08, 421-434.	1.5	0
257	Fast DFT algorithms for length $N=q^2/\sup m/$. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 1998, 45, 685-690.	2.2	33
258	GENERALISED SPLIT-RADIX ALGORITHMS FOR DFT. Journal of Circuits, Systems and Computers, 1998, 08, 405-409.	1.5	0
259	Effect of multiple access interference on performance of multi-beam CDMA-based LEO satellite systems. Electronics Letters, 1998, 34, 149.	1.0	5
260	Split-radix algorithm for 2-D discrete Hartley transform. Signal Processing, 1997, 63, 45-53.	3.7	7
261	An efficient blind multiuser detector for DS-CDMA systems. , 0, , .		0
262	Performance analysis of wide-band DS-CDMA with DPSK in Nakagami fading channels. , 0, , .		2
263	Time domain channel estimation for the uplink of multicarrier DS-CDMA systems. , 0, , .		0
264	Capacity comparison of CDMA and FDMA/TDMA for a LEO satellite system. , 0, , .		9
265	Blind joint equalization and detection in multipath CDMA channel with unknown correlated noise. , 0, , .		0
266	Supporting digital video in wireless CDMA systems using different handoff schemes. , 0, , .		0
267	Subspace-based multiuser detector for DS-CDMA systems over flat fading channels. , 0, , .		0
268	A subspace method for signature waveform estimation and detection in dispersive CDMA channels. , 0, , .		0
269	Capacity enhancement with adaptive arrays in a CDMA-based LEO satellite system. , 0, , .		0
270	New transformation techniques for performance analysis of SC over correlated Rayleigh fading channels. , 0, , .		0

#	ARTICLE	IF	CITATIONS
271	Improved blind channel estimation method with Toeplitz displacement for long code DS-CDMA. , 0, , .		1
272	Robust STFT with adaptive window length and rotation direction. , 0, , .		3
273	Multi-dimensional integer discrete W transform. , 0, , .		0
274	Fractal based channel estimation for WCDMA systems. , 0, , .		0
275	Efficient Algorithm for Modified Local Polynomial Time Frequency Transform. , 0, , .		0