Guoan Bi

List of Publications by Citations

201 papers	**2,457** citations
27 h-index	**40** g-index
277 ext. papers	**3,131** ext. citations
4.3 avg, IF	**5.44** L-index

#	Paper	IF	Citations
201	Lv@ Distribution: Principle, Implementation, Properties, and Performance. *IEEE Transactions on Signal Processing*, **2011**, 59, 3576-3591	4.8	133
200	A Survey on Protograph LDPC Codes and Their Applications. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 1989-2016	37.1	85
199	An Autofocus Technique for High-Resolution Inverse Synthetic Aperture Radar Imagery. *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 6392-6403	8.1	81
198	Enhanced ISAR Imaging by Exploiting the Continuity of the Target Scene. *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 5736-5750	8.1	79
197	Nuclear norm minimization framework for DOA estimation in MIMO radar. *Signal Processing*, **2017**, 135, 147-152	4.4	75
196	Novel Wideband DOA Estimation Based on Sparse Bayesian Learning With Dirichlet Process Priors. *IEEE Transactions on Signal Processing*, **2016**, 64, 275-289	4.8	69
195	The Group Lasso for Stable Recovery of Block-Sparse Signal Representations. *IEEE Transactions on Signal Processing*, **2011**, 59, 1371-1382	4.8	65
194	Local polynomial Fourier transform: A review on recent developments and applications. *Signal Processing*, **2011**, 91, 1370-1393	4.4	63
193	An Improved Auto-Calibration Algorithm Based on Sparse Bayesian Learning Framework. *IEEE Signal Processing Letters*, **2013**, 20, 889-892	3.2	46
192	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	8.1	45
191	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	4.7	43
190	. *IEEE Signal Processing Magazine*, **2016**, 33, 85-102	9.4	42
189	Quasi-Polar-Based FFBP Algorithm for Miniature UAV SAR Imaging Without Navigational Data. *IEEE Transactions on Geoscience and Remote Sensing*, **2017**, 55, 7053-7065	8.1	42
188	LFM signal detection using LPP-Hough transform. *Signal Processing*, **2011**, 91, 1432-1443	4.4	42
187	A Simple Distributed Power Control Algorithm for Cognitive Radio Networks. *IEEE Transactions on Wireless Communications*, **2011**, 10, 3594-3600	9.6	40
186	Performance analysis on Lv distribution and its applications **2013**, 23, 797-807		39
185	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 1670-1683	6.8	38

184	Enhanced ISAR Imaging and Motion Estimation With Parametric and Dynamic Sparse Bayesian Learning. *IEEE Transactions on Computational Imaging*, **2017**, 3, 940-952	4.5	38
183	. *IEEE Transactions on Aerospace and Electronic Systems*, **2015**, 51, 326-343	3.7	35
182	Integer DCTs and fast algorithms. *IEEE Transactions on Signal Processing*, **2001**, 49, 2774-2782	4.8	35
181	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	8.1	31
180	Airborne SAR Moving Target Signatures and Imagery Based on LVD. *IEEE Transactions on Geoscience and Remote Sensing*, **2015**, 53, 5958-5971	8.1	31
179	Robust Frequency-Hopping Spectrum Estimation Based on Sparse Bayesian Method. *IEEE Transactions on Wireless Communications*, **2015**, 14, 781-793	9.6	30
178	A Hierarchical Game Theoretic Framework for Cognitive Radio Networks. *IEEE Journal on Selected Areas in Communications*, **2012**, 30, 2053-2069	14.2	30
177	Fast generalized DFT and DHT algorithms. *Signal Processing*, **1998**, 65, 383-390	4.4	28
176	TDCS-Based Cognitive Radio Networks with Multiuser Interference Avoidance. *IEEE Transactions on Communications*, **2013**, 61, 4828-4835	6.9	27
175	. *IEEE Journal on Selected Areas in Communications*, **2014**, 32, 1974-1986	14.2	27
174	Design and Analysis of Root-Protograph LDPC Codes for Non-Ergodic Block-Fading Channels. *IEEE Transactions on Wireless Communications*, **2015**, 14, 738-749	9.6	25
173	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	4.8	25
172	Fast DFT algorithms for length N=q*2/sup m/. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **1998**, 45, 685-690		25
171	Game Theoretic Analysis for Spectrum Sharing with Multi-Hop Relaying. *IEEE Transactions on Wireless Communications*, **2011**, 10, 1527-1537	9.6	24
170	New method of performance analysis for diversity reception with correlated Rayleigh-fading signals. *IEEE Transactions on Vehicular Technology*, **2000**, 49, 1807-1812	6.8	24
169	New polynomial transform algorithm for multidimensional DCT. *IEEE Transactions on Signal Processing*, **2000**, 48, 2814-2821	4.8	24
168	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	4.7	22
167	Complex-Image-Based Sparse SAR Imaging and its Equivalence. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 5006-5014	8.1	22

166	Rate-Compatible Root-Protograph LDPC Codes for Quasi-Static Fading Relay Channels. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 2741-2747	6.8	22
165	Spectrally efficient transform domain communication system with quadrature cyclic code shift keying. *IET Communications*, **2013**, 7, 382-390	1.3	22
164	. *IEEE Transactions on Aerospace and Electronic Systems*, **2018**, 54, 1355-1367	3.7	21
163	When Compressive Sensing Meets Data Hiding. *IEEE Signal Processing Letters*, **2016**, 23, 473-477	3.2	21
162	Structured sparsity-driven autofocus algorithm for high-resolution radar imagery. *Signal Processing*, **2016**, 125, 376-388	4.4	20
161	. *IEEE Transactions on Aerospace and Electronic Systems*, **2009**, 45, 1241-1248	3.7	20
160	From Theory to Application: Real-Time Sparse SAR Imaging. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 2928-2936	8.1	19
159	Variational Bayesian Sparse Signal Recovery With LSM Prior. *IEEE Access*, **2017**, 5, 26690-26702	3.5	19
158	DOA estimation of closely-spaced and spectrally-overlapped sources using a STFT-based MUSIC algorithm **2016**, 52, 25-34		19
157	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	8.1	18
156	Transforms and Fast Algorithms for Signal Analysis and Representations **2004**,		18
155	Fast algorithms for generalized discrete Hartley transform of composite sequence lengths. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2000**, 47, 893-901		17
154	Adaptive harmonic fractional Fourier transform. *IEEE Signal Processing Letters*, **1999**, 6, 281-283	3.2	16
153	Ground Moving Target Imaging and Motion Parameter Estimation With Airborne Dual-Channel CSSAR. *IEEE Transactions on Geoscience and Remote Sensing*, **2017**, 55, 5242-5253	8.1	15
152	Efficient Analysis of Time-Varying Multicomponent Signals with Modified LPTFT. *Eurasip Journal on Advances in Signal Processing*, **2005**, 2005, 1	1.9	15
151	Random Matching Pursuit for Image Watermarking. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 625-639	6.4	15
150	Robust time-varying filtering and separation of some nonstationary signals in low SNR environments. *Signal Processing*, **2015**, 106, 141-158	4.4	14
149	Wavenumber Domain Algorithm-Based FMCW SAR Sparse Imaging. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 7466-7475	8.1	14

148	Underdetermined blind separation of overlapped speech mixtures in time-frequency domain with estimated number of sources. *Speech Communication*, **2017**, 89, 1-16	2.8	13
147	Pipelined Hardware Structure for Sequency-Ordered Complex Hadamard Transform. *IEEE Signal Processing Letters*, **2008**, 15, 401-404	3.2	13
146	Generalized Fast Algorithms for the Polynomial Time-Frequency Transform. *IEEE Transactions on Signal Processing*, **2007**, 55, 4907-4915	4.8	13
145	. *IEEE Transactions on Aerospace and Electronic Systems*, **2006**, 42, 1540-1546	3.7	13
144	Maneuvering target imaging and scaling by using sparse inverse synthetic aperture. *Signal Processing*, **2017**, 137, 149-159	4.4	12
143	Hierarchical Sparse Signal Recovery by Variational Bayesian Inference. *IEEE Signal Processing Letters*, **2014**, 21, 110-113	3.2	12
142	Distributed optimization for cognitive radio networks using Stackelberg game **2010**,		12
141	On the computation of two-dimensional DCT. *IEEE Transactions on Signal Processing*, **2000**, 48, 1171-1183	4.8	12
140	Forward Velocity Extraction From UAV Raw SAR Data Based on Adaptive Notch Filtering. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 1211-1215	4.1	11
139	Fast DHT algorithms for length N=q*2/sup m/. *IEEE Transactions on Signal Processing*, **1999**, 47, 900-903	4.8	11
138	Structured Bayesian learning for recovery of clustered sparse signal. *Signal Processing*, **2020**, 166, 107255	4.4	11
137	Opportunistic Spectrum Access for UAV Communications Towards Ultra Dense Networks. *IEEE Access*, **2019**, 7, 175021-175032	3.5	11
136	On Practical Issues of Electric Network Frequency Based Audio Forensics. *IEEE Access*, **2017**, 5, 20640-20651	3.5	10
135	Spectrum-Oriented FFBP Algorithm in Quasi-Polar Grid for SAR Imaging on Maneuvering Platform. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 724-728	4.1	10
134	Direction of Arrival Estimation for MIMO Radar via Unitary Nuclear Norm Minimization. *Sensors*, **2017**, 17,	3.8	10
133	Sampling Rate Conversion in the Frequency Domain [DSP Tips and Tricks]. *IEEE Signal Processing Magazine*, **2011**, 28, 140-144	9.4	10
132	ON TEXTURE CLASSIFICATION USING FRACTAL DIMENSION. *International Journal of Pattern Recognition and Artificial Intelligence*, **1999**, 13, 929-943	1.1	10
131	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2020**, 13, 4825-4835	4.7	10

130	**2015**,	9
129	The spherical harmonics root-music **2016**,	9
128	Joint optimization of sensing threshold and transmission power in wideband cognitive radio with energy detection. *Radio Science*, **2013**, 48, 359-370	1.4	9
127	New algorithms for multidimensional discrete Hartley transform. *Signal Processing*, **2002**, 82, 1086-1095	4.4	9
126	Fast algorithms for type-III DCT of composite sequence lengths. *IEEE Transactions on Signal Processing*, **1999**, 47, 2053-2059	4.8	9
125	. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 174-184	6.8	8
124	The reassigned local polynomial periodogram and its properties. *Signal Processing*, **2009**, 89, 206-217	4.4	8
123	Improved stability conditions of BOGA for noisy block-sparse signals. *Signal Processing*, **2011**, 91, 2567-2574	4.4	8
122	Block orthogonal greedy algorithm for stable recovery of block-sparse signal representations. *Signal Processing*, **2010**, 90, 3265-3277	4.4	8
121	Split-Radix Algorithms for Arbitrary Order of Polynomial Time Frequency Transforms. *IEEE Transactions on Signal Processing*, **2007**, 55, 134-141	4.8	8
120	An improved /spl rho/DFIIt structure for digital filters with minimum roundoff noise. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2005**, 52, 199-203		8
119	New algorithm for multidimensional type-III DCT. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2000**, 47, 1523-1529		8
118	Unitary Matrix Completion-Based DOA Estimation of Noncircular Signals in Nonuniform Noise. *IEEE Access*, **2019**, 7, 73719-73728	3.5	7
117	Joint optimisation algorithm of cooperative spectrum sensing with cooperative overhead and sub-band transmission power for wideband cognitive radio network. *Transactions on Emerging Telecommunications Technologies*, **2015**, 26, 586-597	1.9	7
116	Sampling rate conversion based on DFT and DCT. *Signal Processing*, **2013**, 93, 476-486	4.4	7
115	Fast Algorithms for Polynomial Time-Frequency Transforms of Real-Valued Sequences. *IEEE Transactions on Signal Processing*, **2008**, 56, 1905-1915	4.8	7
114	Tomography time-frequency transform. *IEEE Transactions on Signal Processing*, **2002**, 50, 1289-1297	4.8	7
113	On computation of the discrete W transform. *IEEE Transactions on Signal Processing*, **1999**, 47, 1450-1453	4.8	7

112	Weighted Block Sparse Recovery Algorithm for High Resolution DOA Estimation with Unknown Mutual Coupling. *Electronics (Switzerland)*, **2018**, 7, 217	2.6	7
111	Computationally Efficient Wide-Band DOA Estimation Methods Based on Sparse Bayesian Framework. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 11108-11121	6.8	6
110	A unified expression for split-radix DFT algorithms **2010**,		6
109	Split-radix algorithm for 2-D discrete Hartley transform. *Signal Processing*, **1997**, 63, 45-53	4.4	6
108	Combined Polynomial Transform and Radix-q Algorithm for Multi-dimensional DCT-III. *Multidimensional Systems and Signal Processing*, **2002**, 13, 79-99	1.8	6
107	Prime factor algorithm for multidimensional discrete cosine transform. *IEEE Transactions on Signal Processing*, **2001**, 49, 2156-2161	4.8	6
106	Tensor-Based Angle Estimation Approach for Strictly Noncircular Sources with Unknown Mutual Coupling in Bistatic MIMO Radar. *Sensors*, **2018**, 18,	3.8	6
105	Bayesian High Resolution Range Profile Reconstruction of High-speed Moving Target from Under-sampled Data. *IEEE Transactions on Image Processing*, **2020**,	8.7	5
104	ISAR cross-range scaling algorithm based on LVD **2016**,		5
103	Time-frequency peak filtering for the recognition of communication signals **2012**,		5
102	Fast algorithms for polynomial time frequency transform. *Signal Processing*, **2007**, 87, 789-798	4.4	5
101	Orthonormal Subspace Tracking Algorithm for Space⧖ime Multiuser Detection in Multipath CDMA Channels. *IEEE Transactions on Vehicular Technology*, **2007**, 56, 3838-3845	6.8	5
100	Group-blind intersymbol multiuser detection for downlink CDMA with multipath. *IEEE Transactions on Wireless Communications*, **2005**, 4, 434-443	9.6	5
99	DCT hardware structure for sequentially presented data. *Signal Processing*, **2001**, 81, 2333-2342	4.4	5
98	Subspace training method for multiuser detection in dispersive CDMA channel. *Electronics Letters*, **2000**, 36, 1315	1.1	5
97	Performance of multi-beam CDMA-based LEO satellite systems in a Rice-lognormal channel. *IEEE Communications Letters*, **1999**, 3, 88-90	3.8	5
96	A novel iterative soft thresholding algorithm for L1 regularization based SAR image enhancement. *Science China Information Sciences*, **2019**, 62, 1	3.4	4
95	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	8.1	4

94	TDCS-IDMA System for Cognitive Radio Networks With Cloud. *IEEE Access*, **2018**, 6, 20520-20530	3.5	4
93	Robust Angle Estimation for MIMO Radar with the Coexistence of Mutual Coupling and Colored Noise. *Sensors*, **2018**, 18,	3.8	4
92	Time-varying filtering and separation of nonstationary FM signals in strong noise environments **2014**,		4
91	Aliased polyphase sampling. *Signal Processing*, **2010**, 90, 1323-1326	4.4	4
90	Fast algorithms for DFT of composite sequence lengths. *Signal Processing*, **1998**, 70, 139-145	4.4	4
89	Signal Processing for Large Bandwidth and Long Duration Waveform SAR. *Multidimensional Systems and Signal Processing*, **2003**, 14, 119-137	1.8	4
88	Combined polynomial transform and radix-q algorithm for MD discrete W transform. *IEEE Transactions on Signal Processing*, **2001**, 49, 634-641	4.8	4
87	Super-Resolution ISAR Imaging for Maneuvering Target Based on Deep-Learning-Assisted Time-Frequency Analysis. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-14	8.1	4
86	Adaptive Interference Suppression Based on Lv Distribution for DSSS Communications. *Journal of Circuits, Systems and Computers*, **2015**, 24, 1550012	0.9	3
85	Sparse Bayesian Learning for DOA estimation in MIMO radar with unknown nonuniform noise **2016**,		3
84	IF extraction of multicomponent radar signals based on time-frequency gradient image **2014**,		3
83	Supervised modulation classification based on ambiguity function image and invariant moments **2014**,		3
82	Resource allocation in D2D-enabled cellular networks using hierarchical game **2014**,		3
81	Price-based distributed resource allocation for femtocell networks **2012**,		3
80	ISAR maneuvering target imaging based on compressive time-frequency distribution **2012**,		3
79	An Efficient and Robust Orthogonal Structure for Linear Discrete-Time Systems. *Circuits, Systems, and Signal Processing*, **2010**, 29, 727-743	2.2	3
78	Performance of multibeam CDMA-based LEO satellite systems with imperfect power control. *International Journal of Satellite Communications and Networking*, **1998**, 16, 155-167		3
77	Broadband interference suppression in DS-SS system with modified discrete chirp Fourier transform. *Signal Processing*, **2004**, 84, 1749-1758	4.4	3

76	Fast algorithm for multi-dimensional discrete Hartley transform with size ql1□l2□lr. *Signal Processing*, **2002**, 82, 497-502	4.4	3
75	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	2.6	3
74	Extending the sound impulse response of room using extrapolation. *IEEE Transactions on Speech and Audio Processing*, **2002**, 10, 167-172		3
73	Effect of multiple access interference on performance of multi-beam CDMA-based LEO satellite systems. *Electronics Letters*, **1998**, 34, 149	1.1	3
72	Fast algorithms for the 2-D discrete W transform. *Signal Processing*, **1999**, 74, 297-308	4.4	3
71	Logarithmic Laplacian Prior Based Bayesian Inverse Synthetic Aperture Radar Imaging. *Sensors*, **2016**, 16,	3.8	3
70	An improved iterative thresholding algorithm for L1-norm regularization based sparse SAR imaging. *Science China Information Sciences*, **2020**, 63, 1	3.4	2
69	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	1.3	2
68	Short-time Lv transform and its application for non-linear FM signal detection. *Journal of Systems Engineering and Electronics*, **2015**, 26, 1159-1168	1.3	2
67	Asymptotic performance analysis of protograph LDPC-coded STBC systems in fading channels **2015**,		2
66	ISAR imaging by exploiting the continuity of target scene **2014**,		2
65	On the modulation and signalling design for a transform domain communication system. *IET Communications*, **2014**, 8, 2909-2916	1.3	2
64	Phase/gain error compensation in sensor array via variational Bayesian inference **2014**,		2
63	FFT-based sampling rate conversion **2012**,		2
62	Novel pseudorandom phase generation in transform domain communication systems **2011**,		2
61	Adaptive subcarrier allocation and bit loading for voice/data transmission in multiuser OFDM systems. *Wireless Communications and Mobile Computing*, **2009**, 9, 894-908	1.9	2
60	A new transform for chirp detection **2008**,		2
59	SMC-based blind detection for DS-CDMA systems over multipath fading channels. *IEEE Transactions on Communications*, **2006**, 54, 971-974	6.9	2

58	. *IEEE Transactions on Aerospace and Electronic Systems*, **2005**, 41, 729-736	3.7	2
57	Lifting Factorization of Discrete W Transform. *Circuits, Systems, and Signal Processing*, **2002**, 21, 277-298	2.2	2
56	Reply to "Comments on Ọew method of performance analysis for diversity reception with correlated Rayleigh-fading signalsọ. *IEEE Transactions on Vehicular Technology*, **2003**, 52, 726-727	6.8	2
55	Improved Bayesian Compressive Sensing for Image Reconstruction Using Single-Level Wavelet Transform **2016**,		2
54	**2016**,		2
53	Real-Time Data Processing in Sparse SAR Imaging **2019**,		2
52	An Accurate Imaging and Doppler Chirp Rate Estimation Algorithm for Airborne CSSAR-GMTI Systems. *IEEE Access*, **2019**, 7, 170077-170086	3.5	2
51	**2018**,		2
50	Autocalibrated Sampling Rate Conversion in the Frequency Domain [Tips & Tricks]. *IEEE Signal Processing Magazine*, **2017**, 34, 101-106	9.4	1
49	A Keystone-Based Cosine Transform. *Circuits, Systems, and Signal Processing*, **2017**, 36, 3438-3447	2.2	1
48	Distributed compressive sensing via LSTM-Aided sparse Bayesian learning. *Signal Processing*, **2020**, 176, 107656	4.4	1
47	A Novel Wide Area Multiple Azimuth Beam ISAR Imaging System. *IEEE Access*, **2019**, 7, 65277-65287	3.5	1
46	Target Localization in Multipath Propagation Environment Using Dictionary-Based Sparse Representation. *IEEE Access*, **2019**, 7, 150583-150597	3.5	1
45	Structured sparse representation based ISAR imaging **2014**,		1
44	A novel motion compensation approach for highly-manoeuvring platform SAR imagery **2015**,		1
43	A data-driven approach for monitoring forward velocity for small and lightweight drone **2015**,		1
42	A time-frequency preprocessing method for blind source separation of speech signal with temporal structure **2015**,		1
41	Investigation on SAR ground moving target imaging under sparse Bayesian learning framework **2015**,		1

40	Automatic multi-speaker speech recognition system based on time-frequency blind source separation under ubiquitous environment **2014**,		1
39	Time-frequency representation reconstruction based on the compressive sensing **2014**,		1
38	Blind Frequency Hopping Spectrum Estimation: A Bayesian Approach **2014**,		1
37	Systematic analysis of uncertainty principles of the local polynomial Fourier transform. *Eurasip Journal on Advances in Signal Processing*, **2014**, 2014,	1.9	1
36	On uncertainty principle of the local polynomial Fourier transform. *Eurasip Journal on Advances in Signal Processing*, **2012**, 2012,	1.9	1
35	Radix-3 fast algorithms for polynomial time frequency transforms. *Signal Processing*, **2008**, 88, 2316-2322	4.4	1
34	Tone interference suppression in DS-SS systems with modified DFT. *Signal Processing*, **2008**, 88, 2817-2824	4.4	1
33	Blind Multiuser Detection for Long Code Multipath DS-CDMA Systems with Bayesian MC Techniques. *Wireless Personal Communications*, **2006**, 39, 265-278	1.9	1
32	Robust STFT with adaptive window length and rotation direction		1
31	Odd-Factor Algorithms for Multidimensional Discrete W Transform. *Circuits, Systems, and Signal Processing*, **2003**, 22, 377	2.2	1
30	Fast recursive algorithms for 2-D discrete cosine transform. *Signal Processing*, **2000**, 80, 1917-1935	4.4	1
29	Generation of two correlated Rayleigh fading signals with arbitrary powers. *Journal of Communications and Networks*, **1999**, 1, 266-268	4.1	1
28	Optimal Joint Sensing Threshold and Sub-channel Power Allocation in Multi-channel Cognitive Radio. *Lecture Notes in Computer Science*, **2013**, 251-261	0.9	1
27	Underdetermined Separation of Speech Mixture Based on Sparse Bayesian Learning. *Mathematical Problems in Engineering*, **2016**, 2016, 1-13	1.1	1
26	2D sparsity for joint DOA and frequency estimation of harmonic acoustic signals **2016**,		1
25	An Effective LFM Signal Reconstruction Method for Signal Denoising. *Journal of Circuits, Systems and Computers*, **2018**, 27, 1850140	0.9	1
24	The higher-order reassigned local polynomial periodogram and its properties. *Signal Processing*, **2012**, 92, 2909-2918	4.4	0
23	New adaptive bit allocation algorithms for multiuser OFDM/CDMA systems. *Wireless Networks*, **2009**, 15, 341-351	2.5	0

22	Time-Frequency Filtering and Its Application in Chirp Signal Detection. *Communications in Computer and Information Science*, **2011**, 224-232	0.3	0
21	Airborne FMCW SAR Sparse Data Processing via Frequency-Scaling Algorithm. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 1224-1228	4.1	0
20	Harmonic tonal detectors based on the BOGA. *Signal Processing*, **2015**, 106, 215-230	4.4	
19	Sampling Rate Conversion in the Frequency Domain **2012**, 459-467		
18	Modified SMC method of blind multiuser detection for DS-CDMA systems over fading channels. *Wireless Personal Communications*, **2007**, 43, 1339-1349	1.9	
17	Blind intersymbol decorrelating detector for asynchronous multicarrier CDMA system. *Signal Processing*, **2005**, 85, 1511-1522	4.4	
16	Subspace training method for signature waveform estimation in multipath CDMA channel with coloured noise. *Electronics Letters*, **2000**, 36, 902	1.1	
15	Subspace-based multiuser detection for antenna array CDMA systems. *Journal of Communications and Networks*, **2001**, 3, 1-5	4.1	
14	FAST DHT ALGORITHMS FOR COMPOSITE SEQUENCE LENGTHS. *Journal of Circuits, Systems and Computers*, **1998**, 08, 421-434	0.9	
13	GENERALISED SPLIT-RADIX ALGORITHMS FOR DFT. *Journal of Circuits, Systems and Computers*, **1998**, 08, 405-409	0.9	
12	Code timing estimator for DS-CDMA signals in slow fading multipath channels. *Electronics Letters*, **1999**, 35, 1604	1.1	
11	Flexible Sparse Representation Based Inverse Synthetic Aperture Radar Imaging. *Lecture Notes in Electrical Engineering*, **2020**, 739-748	0.2	
10	Fast Algorithms for 1D Discrete Hartley Transform **2004**, 93-144		
9	New Methods of Time-Frequency Analysis **2004**, 367-418		
8	Fast Algorithms for MD Discrete Hartley Transform **2004**, 145-206		
7	Fast Algorithms for MD Discrete Cosine Transform **2004**, 247-320		
6	Fast Fourier Transform Algorithms **2004**, 47-92		
5	Integer Transforms and Fast Algorithms **2004**, 321-365		

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4	Polynomial Transforms and Their Fast Algorithms **2004**, 9-45	
3	Fast Algorithms for 1D Discrete Cosine Transform **2004**, 207-245	13
2	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	0.2
1	Improved Spectrum Sensing Method for Cognitive Radio Based on Time Domain Averaging and Correlation. *Lecture Notes in Electrical Engineering*, **2014**, 1229-1237	0.2