Guoan Bi

List of Publications by Year in Descending Order

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	Airborne FMCW SAR Sparse Data Processing via Frequency-Scaling Algorithm. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 1224-1228	4.1	0
200	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
199	An improved iterative thresholding algorithm for L1-norm regularization based sparse SAR imaging. *Science China Information Sciences*, **2020**, 63, 1	3.4	2
198	Bayesian High Resolution Range Profile Reconstruction of High-speed Moving Target from Under-sampled Data. *IEEE Transactions on Image Processing*, **2020**,	8.7	5
197	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
196	Distributed compressive sensing via LSTM-Aided sparse Bayesian learning. *Signal Processing*, **2020**, 176, 107656	4.4	1
195	From Theory to Application: Real-Time Sparse SAR Imaging. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 2928-2936	8.1	19
194	Flexible Sparse Representation Based Inverse Synthetic Aperture Radar Imaging. *Lecture Notes in Electrical Engineering*, **2020**, 739-748	0.2	
193	Structured Bayesian learning for recovery of clustered sparse signal. *Signal Processing*, **2020**, 166, 107255	4.4	11
192	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2020**, 13, 4825-4835	4.7	10
191	Unitary Matrix Completion-Based DOA Estimation of Noncircular Signals in Nonuniform Noise. *IEEE Access*, **2019**, 7, 73719-73728	3.5	7
190	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
189	A novel iterative soft thresholding algorithm for L1 regularization based SAR image enhancement. *Science China Information Sciences*, **2019**, 62, 1	3.4	4
188	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
187	A Novel Wide Area Multiple Azimuth Beam ISAR Imaging System. *IEEE Access*, **2019**, 7, 65277-65287	3.5	1
186	Wavenumber Domain Algorithm-Based FMCW SAR Sparse Imaging. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 7466-7475	8.1	14
185	Target Localization in Multipath Propagation Environment Using Dictionary-Based Sparse Representation. *IEEE Access*, **2019**, 7, 150583-150597	3.5	1

| 166 | Maneuvering target imaging and scaling by using sparse inverse synthetic aperture. *Signal Processing*, **2017**, 137, 149-159 | 4.4 | 12 |

| 165 | Autocalibrated Sampling Rate Conversion in the Frequency Domain [Tips & Tricks]. *IEEE Signal Processing Magazine*, **2017**, 34, 101-106 | 9.4 | 1 |

| 164 | 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 |

| 163 | A Keystone-Based Cosine Transform. *Circuits, Systems, and Signal Processing*, **2017**, 36, 3438-3447 | 2.2 | 1 |

| 162 | 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 |

| 161 | 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 |

| 160 | 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 |

| 159 | Computationally Efficient Wide-Band DOA Estimation Methods Based on Sparse Bayesian Framework. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 11108-11121 | 6.8 | 6 |

| 158 | Variational Bayesian Sparse Signal Recovery With LSM Prior. *IEEE Access*, **2017**, 5, 26690-26702 | 3.5 | 19 |

| 157 | 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 |

| 156 | Direction of Arrival Estimation for MIMO Radar via Unitary Nuclear Norm Minimization. *Sensors*, **2017**, 17, | 3.8 | 10 |

| 155 | 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 |

| 154 | The spherical harmonics root-music **2016**, | | 9 |

| 153 | 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 |

| 152 | . *IEEE Signal Processing Magazine*, **2016**, 33, 85-102 | 9.4 | 42 |

| 151 | 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 |

| 150 | ISAR cross-range scaling algorithm based on LVD **2016**, | | 5 |

| 149 | Sparse Bayesian Learning for DOA estimation in MIMO radar with unknown nonuniform noise **2016**, | | 3 |

148	Rate-Compatible Root-Protograph LDPC Codes for Quasi-Static Fading Relay Channels. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 2741-2747	6.8	22
147	Structured sparsity-driven autofocus algorithm for high-resolution radar imagery. *Signal Processing*, **2016**, 125, 376-388	4.4	20
146	When Compressive Sensing Meets Data Hiding. *IEEE Signal Processing Letters*, **2016**, 23, 473-477	3.2	21
145	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
144	Underdetermined Separation of Speech Mixture Based on Sparse Bayesian Learning. *Mathematical Problems in Engineering*, **2016**, 2016, 1-13	1.1	1
143	Logarithmic Laplacian Prior Based Bayesian Inverse Synthetic Aperture Radar Imaging. *Sensors*, **2016**, 16,	3.8	3
142	2D sparsity for joint DOA and frequency estimation of harmonic acoustic signals **2016**,		1
141	Improved Bayesian Compressive Sensing for Image Reconstruction Using Single-Level Wavelet Transform **2016**,		2
140	DOA estimation of closely-spaced and spectrally-overlapped sources using a STFT-based MUSIC algorithm **2016**, 52, 25-34		19
139	**2016**,		2
138	. *IEEE Transactions on Aerospace and Electronic Systems*, **2015**, 51, 326-343	3.7	35
137	Adaptive Interference Suppression Based on Lv Distribution for DSSS Communications. *Journal of Circuits, Systems and Computers*, **2015**, 24, 1550012	0.9	3
136	Airborne SAR Moving Target Signatures and Imagery Based on LVD. *IEEE Transactions on Geoscience and Remote Sensing*, **2015**, 53, 5958-5971	8.1	31
135	**2015**,		9
134	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
133	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
132	Harmonic tonal detectors based on the BOGA. *Signal Processing*, **2015**, 106, 215-230	4.4	
131	Robust time-varying filtering and separation of some nonstationary signals in low SNR environments. *Signal Processing*, **2015**, 106, 141-158	4.4	14

130	A novel motion compensation approach for highly-manoeuvring platform SAR imagery **2015**,		1
129	A data-driven approach for monitoring forward velocity for small and lightweight drone **2015**,		1
128	A time-frequency preprocessing method for blind source separation of speech signal with temporal structure **2015**,		1
127	A Survey on Protograph LDPC Codes and Their Applications. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 1989-2016	37.1	85
126	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
125	Asymptotic performance analysis of protograph LDPC-coded STBC systems in fading channels **2015** ,		2
124	Investigation on SAR ground moving target imaging under sparse Bayesian learning framework **2015**,		1
123	Robust Frequency-Hopping Spectrum Estimation Based on Sparse Bayesian Method. *IEEE Transactions on Wireless Communications*, **2015**, 14, 781-793	9.6	30
122	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
121	IF extraction of multicomponent radar signals based on time-frequency gradient image **2014**,		3
120	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
119	Structured sparse representation based ISAR imaging **2014**,		1
118	Hierarchical Sparse Signal Recovery by Variational Bayesian Inference. *IEEE Signal Processing Letters* , **2014**, 21, 110-113	3.2	12
117	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
116	Supervised modulation classification based on ambiguity function image and invariant moments **2014**,		3
115	Resource allocation in D2D-enabled cellular networks using hierarchical game **2014**,		3
114	ISAR imaging by exploiting the continuity of target scene **2014**,		2
113	. *IEEE Journal on Selected Areas in Communications*, **2014**, 32, 1974-1986	14.2	27

112	On the modulation and signalling design for a transform domain communication system. *IET Communications*, **2014**, 8, 2909-2916	1.3	2
111	Automatic multi-speaker speech recognition system based on time-frequency blind source separation under ubiquitous environment **2014**,		1
110	Phase/gain error compensation in sensor array via variational Bayesian inference **2014**,		2
109	Time-frequency representation reconstruction based on the compressive sensing **2014**,		1
108	Time-varying filtering and separation of nonstationary FM signals in strong noise environments **2014**,		4
107	Blind Frequency Hopping Spectrum Estimation: A Bayesian Approach **2014**,		1
106	Systematic analysis of uncertainty principles of the local polynomial Fourier transform. *Eurasip Journal on Advances in Signal Processing*, **2014**, 2014,	1.9	1
105	Improved Spectrum Sensing Method for Cognitive Radio Based on Time Domain Averaging and Correlation. *Lecture Notes in Electrical Engineering*, **2014**, 1229-1237	0.2	
104	An Improved Auto-Calibration Algorithm Based on Sparse Bayesian Learning Framework. *IEEE Signal Processing Letters*, **2013**, 20, 889-892	3.2	46
103	TDCS-Based Cognitive Radio Networks with Multiuser Interference Avoidance. *IEEE Transactions on Communications*, **2013**, 61, 4828-4835	6.9	27
102	Performance analysis on Lv distribution and its applications **2013**, 23, 797-807		39
101	Sampling rate conversion based on DFT and DCT. *Signal Processing*, **2013**, 93, 476-486	4.4	7
100	Joint optimization of sensing threshold and transmission power in wideband cognitive radio with energy detection. *Radio Science*, **2013**, 48, 359-370	1.4	9
99	Spectrally efficient transform domain communication system with quadrature cyclic code shift keying. *IET Communications*, **2013**, 7, 382-390	1.3	22
98	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
97	Sampling Rate Conversion in the Frequency Domain **2012**, 459-467		
96	Price-based distributed resource allocation for femtocell networks **2012**,		3
95	FFT-based sampling rate conversion **2012**,		2

94	On uncertainty principle of the local polynomial Fourier transform. *Eurasip Journal on Advances in Signal Processing*, **2012**, 2012,	1.9	1
93	The higher-order reassigned local polynomial periodogram and its properties. *Signal Processing*, **2012**, 92, 2909-2918	4.4	0
92	ISAR maneuvering target imaging based on compressive time-frequency distribution **2012**,		3
91	A Hierarchical Game Theoretic Framework for Cognitive Radio Networks. *IEEE Journal on Selected Areas in Communications*, **2012**, 30, 2053-2069	14.2	30
90	Time-frequency peak filtering for the recognition of communication signals **2012**,		5
89	The Group Lasso for Stable Recovery of Block-Sparse Signal Representations. *IEEE Transactions on Signal Processing*, **2011**, 59, 1371-1382	4.8	65
88	Game Theoretic Analysis for Spectrum Sharing with Multi-Hop Relaying. *IEEE Transactions on Wireless Communications*, **2011**, 10, 1527-1537	9.6	24
87	A Simple Distributed Power Control Algorithm for Cognitive Radio Networks. *IEEE Transactions on Wireless Communications*, **2011**, 10, 3594-3600	9.6	40
86	. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 174-184	6.8	8
85	Sampling Rate Conversion in the Frequency Domain [DSP Tips and Tricks]. *IEEE Signal Processing Magazine*, **2011**, 28, 140-144	9.4	10
84	Novel pseudorandom phase generation in transform domain communication systems **2011**,		2
83	LFM signal detection using LPP-Hough transform. *Signal Processing*, **2011**, 91, 1432-1443	4.4	42
82	Local polynomial Fourier transform: A review on recent developments and applications. *Signal Processing*, **2011**, 91, 1370-1393	4.4	63
81	Improved stability conditions of BOGA for noisy block-sparse signals. *Signal Processing*, **2011**, 91, 2567-2574	4.4	8
80	Lv@ Distribution: Principle, Implementation, Properties, and Performance. *IEEE Transactions on Signal Processing*, **2011**, 59, 3576-3591	4.8	133
79	Time-Frequency Filtering and Its Application in Chirp Signal Detection. *Communications in Computer and Information Science*, **2011**, 224-232	0.3	0
78	Distributed optimization for cognitive radio networks using Stackelberg game **2010**,		12
77	A unified expression for split-radix DFT algorithms **2010**,		6

76	An Efficient and Robust Orthogonal Structure for Linear Discrete-Time Systems. *Circuits, Systems, and Signal Processing*, **2010**, 29, 727-743	2.2	3
75	Aliased polyphase sampling. *Signal Processing*, **2010**, 90, 1323-1326	4.4	4
74	Block orthogonal greedy algorithm for stable recovery of block-sparse signal representations. *Signal Processing*, **2010**, 90, 3265-3277	4.4	8
73	. *IEEE Transactions on Aerospace and Electronic Systems*, **2009**, 45, 1241-1248	3.7	20
72	New adaptive bit allocation algorithms for multiuser OFDM/CDMA systems. *Wireless Networks*, **2009**, 15, 341-351	2.5	0
71	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
70	The reassigned local polynomial periodogram and its properties. *Signal Processing*, **2009**, 89, 206-217	4.4	8
69	Fast Algorithms for Polynomial Time-Frequency Transforms of Real-Valued Sequences. *IEEE Transactions on Signal Processing*, **2008**, 56, 1905-1915	4.8	7
68	Pipelined Hardware Structure for Sequency-Ordered Complex Hadamard Transform. *IEEE Signal Processing Letters*, **2008**, 15, 401-404	3.2	13
67	A new transform for chirp detection **2008**,		2
66	Radix-3 fast algorithms for polynomial time frequency transforms. *Signal Processing*, **2008**, 88, 2316-2322	4.4	1
65	Tone interference suppression in DS-SS systems with modified DFT. *Signal Processing*, **2008**, 88, 2817-2824	4.4	1
64	Split-Radix Algorithms for Arbitrary Order of Polynomial Time Frequency Transforms. *IEEE Transactions on Signal Processing*, **2007**, 55, 134-141	4.8	8
63	Generalized Fast Algorithms for the Polynomial Time-Frequency Transform. *IEEE Transactions on Signal Processing*, **2007**, 55, 4907-4915	4.8	13
62	Fast algorithms for polynomial time frequency transform. *Signal Processing*, **2007**, 87, 789-798	4.4	5
61	Modified SMC method of blind multiuser detection for DS-CDMA systems over fading channels. *Wireless Personal Communications*, **2007**, 43, 1339-1349	1.9	
60	Orthonormal Subspace Tracking Algorithm for Space-Time Multiuser Detection in Multipath CDMA Channels. *IEEE Transactions on Vehicular Technology*, **2007**, 56, 3838-3845	6.8	5
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*, **2006**, 42, 1540-1546	3.7	13
57	Blind Multiuser Detection for Long Code Multipath DS-CDMA Systems with Bayesian MC Techniques. *Wireless Personal Communications*, **2006**, 39, 265-278	1.9	1
56	. *IEEE Transactions on Aerospace and Electronic Systems*, **2005**, 41, 729-736	3.7	2
55	Group-blind intersymbol multiuser detection for downlink CDMA with multipath. *IEEE Transactions on Wireless Communications*, **2005**, 4, 434-443	9.6	5
54	Efficient Analysis of Time-Varying Multicomponent Signals with Modified LPTFT. *Eurasip Journal on Advances in Signal Processing*, **2005**, 2005, 1	1.9	15
53	Blind intersymbol decorrelating detector for asynchronous multicarrier CDMA system. *Signal Processing*, **2005**, 85, 1511-1522	4.4	
52	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
51	Broadband interference suppression in DS-SS system with modified discrete chirp Fourier transform. *Signal Processing*, **2004**, 84, 1749-1758	4.4	3
50	Transforms and Fast Algorithms for Signal Analysis and Representations **2004**,		18
49	Fast Algorithms for 1D Discrete Hartley Transform **2004**, 93-144		
48	New Methods of Time-Frequency Analysis **2004**, 367-418		
47	Fast Algorithms for MD Discrete Hartley Transform **2004**, 145-206		
46	Fast Algorithms for MD Discrete Cosine Transform **2004**, 247-320		
45	Fast Fourier Transform Algorithms **2004**, 47-92		
44	Integer Transforms and Fast Algorithms **2004**, 321-365		
43	Polynomial Transforms and Their Fast Algorithms **2004**, 9-45		
42	Fast Algorithms for 1D Discrete Cosine Transform **2004**, 207-245		
41	Signal Processing for Large Bandwidth and Long Duration Waveform SAR. *Multidimensional Systems and Signal Processing*, **2003**, 14, 119-137	1.8	4

40	Odd-Factor Algorithms for Multidimensional Discrete W Transform. *Circuits, Systems, and Signal Processing*, **2003**, 22, 377	2.2	1
39	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
38	Reply to "Comments on New method of performance analysis for diversity reception with correlated Rayleigh-fading signals". *IEEE Transactions on Vehicular Technology*, **2003**, 52, 726-727	6.8	2
37	Lifting Factorization of Discrete W Transform. *Circuits, Systems, and Signal Processing*, **2002**, 21, 277-298	2.2	2
36	Fast algorithm for multi-dimensional discrete Hartley transform with size ql1 l2 lr. *Signal Processing*, **2002**, 82, 497-502	4.4	3
35	New algorithms for multidimensional discrete Hartley transform. *Signal Processing*, **2002**, 82, 1086-1095	4.4	9
34	Combined Polynomial Transform and Radix-q Algorithm for Multi-dimensional DCT-III. *Multidimensional Systems and Signal Processing*, **2002**, 13, 79-99	1.8	6
33	Extending the sound impulse response of room using extrapolation. *IEEE Transactions on Speech and Audio Processing*, **2002**, 10, 167-172		3
32	Tomography time-frequency transform. *IEEE Transactions on Signal Processing*, **2002**, 50, 1289-1297	4.8	7
31	DCT hardware structure for sequentially presented data. *Signal Processing*, **2001**, 81, 2333-2342	4.4	5
30	Combined polynomial transform and radix-q algorithm for MD discrete W transform. *IEEE Transactions on Signal Processing*, **2001**, 49, 634-641	4.8	4
29	Prime factor algorithm for multidimensional discrete cosine transform. *IEEE Transactions on Signal Processing*, **2001**, 49, 2156-2161	4.8	6
28	Integer DCTs and fast algorithms. *IEEE Transactions on Signal Processing*, **2001**, 49, 2774-2782	4.8	35
27	Subspace-based multiuser detection for antenna array CDMA systems. *Journal of Communications and Networks*, **2001**, 3, 1-5	4.1	
26	Subspace training method for signature waveform estimation in multipath CDMA channel with coloured noise. *Electronics Letters*, **2000**, 36, 902	1.1	
25	Fast recursive algorithms for 2-D discrete cosine transform. *Signal Processing*, **2000**, 80, 1917-1935	4.4	1
24	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
23	Subspace training method for multiuser detection in dispersive CDMA channel. *Electronics Letters*, **2000**, 36, 1315	1.1	5

22	New algorithm for multidimensional type-III DCT. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2000**, 47, 1523-1529		8
21	On the computation of two-dimensional DCT. *IEEE Transactions on Signal Processing*, **2000**, 48, 1171-1183	4.8	12
20	New polynomial transform algorithm for multidimensional DCT. *IEEE Transactions on Signal Processing*, **2000**, 48, 2814-2821	4.8	24
19	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
18	Code timing estimator for DS-CDMA signals in slow fading multipath channels. *Electronics Letters*, **1999**, 35, 1604	1.1	
17	Adaptive harmonic fractional Fourier transform. *IEEE Signal Processing Letters*, **1999**, 6, 281-283	3.2	16
16	ON TEXTURE CLASSIFICATION USING FRACTAL DIMENSION. *International Journal of Pattern Recognition and Artificial Intelligence*, **1999**, 13, 929-943	1.1	10
15	Fast algorithms for the 2-D discrete W transform. *Signal Processing*, **1999**, 74, 297-308	4.4	3
14	Generation of two correlated Rayleigh fading signals with arbitrary powers. *Journal of Communications and Networks*, **1999**, 1, 266-268	4.1	1
13	Performance of multi-beam CDMA-based LEO satellite systems in a Rice-lognormal channel. *IEEE Communications Letters*, **1999**, 3, 88-90	3.8	5
12	Fast DHT algorithms for length N=q*2/sup m/. *IEEE Transactions on Signal Processing*, **1999**, 47, 900-903	4.8	11
11	On computation of the discrete W transform. *IEEE Transactions on Signal Processing*, **1999**, 47, 1450-1453	4.8	7
10	Fast algorithms for type-III DCT of composite sequence lengths. *IEEE Transactions on Signal Processing*, **1999**, 47, 2053-2059	4.8	9
9	Performance of multibeam CDMA-based LEO satellite systems with imperfect power control. *International Journal of Satellite Communications and Networking*, **1998**, 16, 155-167		3
8	Fast generalized DFT and DHT algorithms. *Signal Processing*, **1998**, 65, 383-390	4.4	28
7	Fast algorithms for DFT of composite sequence lengths. *Signal Processing*, **1998**, 70, 139-145	4.4	4
6	FAST DHT ALGORITHMS FOR COMPOSITE SEQUENCE LENGTHS. *Journal of Circuits, Systems and Computers*, **1998**, 08, 421-434	0.9	
5	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

LIST OF PUBLICATIONS

4	GENERALISED SPLIT-RADIX ALGORITHMS FOR DFT. *Journal of Circuits, Systems and Computers*, **1998**, 08, 405-409	0.9	
3	Effect of multiple access interference on performance of multi-beam CDMA-based LEO satellite systems. *Electronics Letters*, **1998**, 34, 149	1.1	3
2	Split-radix algorithm for 2-D discrete Hartley transform. *Signal Processing*, **1997**, 63, 45-53	4.4	6
1	Robust STFT with adaptive window length and rotation direction		1