

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 | Lv's Distribution: Principle, Implementation, Properties, and Performance. IEEE Transactions on Signal Processing, 2011, 59, 3576-3591. | 5.3 | 193 |
| 2 | A Survey on Protograph LDPC Codes and Their Applications. IEEE Communications Surveys and Tutorials, 2015, 17, 1989-2016. | 39.4 | 130 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Local polynomial Fourier transform: A review on recent developments and applications. Signal Processing, 2011, 91, 1370-1393. | 3.7 | 86 |
| 7 | Nuclear norm minimization framework for DOA estimation in MIMO radar. Signal Processing, 2017, 135, 147-152. | 3.7 | 86 |
| 8 | The Group Lasso for Stable Recovery of Block-Sparse Signal Representations. IEEE Transactions on Signal Processing, 2011, 59, 1371-1382. | 5.3 | 85 |
| 9 | 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 |
| 10 | Integer DCTs and fast algorithms. IEEE Transactions on Signal Processing, 2001, 49, 2774-2782. | 5.3 | 62 |
| 11 | 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 |
| 12 | Performance analysis on Lv distribution and its applications. , 2013, 23, 797-807. | | 57 |
| 13 | 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 |
| 14 | 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 |
| 15 | LFM signal detection using LPP-Hough transform. Signal Processing, 2011, 91, 1432-1443. | 3.7 | 54 |
| 16 | An Improved Auto-Calibration Algorithm Based on Sparse Bayesian Learning Framework. IEEE Signal Processing Letters, 2013, 20, 889-892. | 3.6 | 54 |
| 17 | IF estimation of FM signals based on time-frequency image. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 326-343. | 4.7 | 51 |
| 18 | Robust Frequency-Hopping Spectrum Estimation Based on Sparse Bayesian Method. IEEE Transactions on Wireless Communications, 2015, 14, 781-793. | 9.2 | 48 |

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|----|---|------|-----------|
| 19 | Toward Cooperation by Carrier Aggregation in Heterogeneous Networks: A Hierarchical Game Approach. IEEE Transactions on Vehicular Technology, 2017, 66, 1670-1683. | 6.3 | 47 |
| 20 | 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 |
| 21 | A Simple Distributed Power Control Algorithm for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3594-3600. | 9.2 | 46 |
| 22 | Complex-Image-Based Sparse SAR Imaging and its Equivalence. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5006-5014. | 6.3 | 44 |
| 23 | 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 |
| 24 | Airborne SAR Moving Target Signatures and Imagery Based on LVD. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5958-5971. | 6.3 | 41 |
| 25 | New method of performance analysis for diversity reception with correlated Rayleigh-fading signals. IEEE Transactions on Vehicular Technology, 2000, 49, 1807-1812. | 6.3 | 40 |
| 26 | A Hierarchical Game Theoretic Framework for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 2053-2069. | 14.0 | 40 |
| 27 | 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 |
| 28 | 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 |
| 29 | Fast generalized DFT and DHT algorithms. Signal Processing, 1998, 65, 383-390. | 3.7 | 37 |
| 30 | Transforms and Fast Algorithms for Signal Analysis and Representations. , 2004, , . | | 37 |
| 31 | From Theory to Application: Real-Time Sparse SAR Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2928-2936. | 6.3 | 37 |
| 32 | TDCS-Based Cognitive Radio Networks with Multiuser Interference Avoidance. IEEE Transactions on Communications, 2013, 61, 4828-4835. | 7.8 | 36 |
| 33 | 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 |
| 34 | 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 |
| 35 | Game Theoretic Analysis for Spectrum Sharing with Multi-Hop Relaying. IEEE Transactions on Wireless Communications, 2011, 10, 1527-1537. | 9.2 | 33 |
| 36 | New polynomial transform algorithm for multidimensional DCT. IEEE Transactions on Signal Processing, 2000, 48, 2814-2821. | 5.3 | 32 |

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| 37 | Spectrally efficient transform domain communication system with quadrature cyclic code shift keying. IET Communications, 2013, 7, 382-390. | 2.2 | 30 |
| 38 | 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 |
| 39 | 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 |
| 40 | Fast ISAR Cross-Range Scaling Using Modified Newton Method. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1355-1367. | 4.7 | 28 |
| 41 | DOA estimation of closely-spaced and spectrally-overlapped sources using a STFT-based MUSIC algorithm. , 2016, 52, 25-34. | | 27 |
| 42 | Rate-Compatible Root-Protograph LDPC Codes for Quasi-Static Fading Relay Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 2741-2747. | 6.3 | 27 |
| 43 | Variational Bayesian Sparse Signal Recovery With LSM Prior. IEEE Access, 2017, 5, 26690-26702. | 4.2 | 27 |
| 44 | When Compressive Sensing Meets Data Hiding. IEEE Signal Processing Letters, 2016, 23, 473-477. | 3.6 | 26 |
| 45 | Quantitative SNR Analysis for ISAR Imaging using LPFT. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 1241-1248. | 4.7 | 25 |
| 46 | On Practical Issues of Electric Network Frequency Based Audio Forensics. IEEE Access, 2017, 5, 20640-20651. | 4.2 | 25 |
| 47 | Adaptive harmonic fractional Fourier transform. IEEE Signal Processing Letters, 1999, 6, 281-283. | 3.6 | 23 |
| 48 | DCT hardware structure for sequentially presented data. Signal Processing, 2001, 81, 2333-2342. | 3.7 | 23 |
| 49 | Efficient Analysis of Time-Varying Multicomponent Signals with Modified LPTFT. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1. | 1.7 | 23 |
| 50 | Structured sparsity-driven autofocus algorithm for high-resolution radar imagery. Signal Processing, 2016, 125, 376-388. | 3.7 | 23 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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. | 2.2 | 22 |
| 54 | Robust time-varying filtering and separation of some nonstationary signals in low SNR environments. Signal Processing, 2015, 106, 141-158. | 3.7 | 22 |

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| 55 | Wavenumber Domain Algorithm-Based FMCW SAR Sparse Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7466-7475. | 6.3 | 21 |
| 56 | Generalized Fast Algorithms for the Polynomial Time-Frequency Transform. IEEE Transactions on Signal Processing, 2007, 55, 4907-4915. | 5.3 | 20 |
| 57 | Maneuvering target imaging and scaling by using sparse inverse synthetic aperture. Signal Processing, 2017, 137, 149-159. | 3.7 | 20 |
| 58 | On the computation of two-dimensional DCT. IEEE Transactions on Signal Processing, 2000, 48, 1171-1183. | 5.3 | 18 |
| 59 | Radix-2 DIF fast algorithms for polynomial time-frequency transforms. IEEE Transactions on Aerospace and Electronic Systems, 2006, 42, 1540-1546. | 4.7 | 18 |
| 60 | 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 |
| 61 | Structured Bayesian learning for recovery of clustered sparse signal. Signal Processing, 2020, 166, 107255. | 3.7 | 18 |
| 62 | Fast DHT algorithms for length $N=q^2/\sup m/$. IEEE Transactions on Signal Processing, 1999, 47, 900-903. | 5.3 | 17 |
| 63 | Pipelined Hardware Structure for Sequency-Ordered Complex Hadamard Transform. IEEE Signal Processing Letters, 2008, 15, 401-404. | 3.6 | 17 |
| 64 | Distributed optimization for cognitive radio networks using Stackelberg game. , 2010, , . | | 17 |
| 65 | Hierarchical Sparse Signal Recovery by Variational Bayesian Inference. IEEE Signal Processing Letters, 2014, 21, 110-113. | 3.6 | 17 |
| 66 | Random Matching Pursuit for Image Watermarking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 625-639. | 8.3 | 17 |
| 67 | 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 |
| 68 | 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 |
| 69 | Sampling Rate Conversion in the Frequency Domain [DSP Tips and Tricks]. IEEE Signal Processing Magazine, 2011, 28, 140-144. | 5.6 | 16 |
| 70 | The spherical harmonics root-music. , 2016, , . | | 16 |
| 71 | Opportunistic Spectrum Access for UAV Communications Towards Ultra Dense Networks. IEEE Access, 2019, 7, 175021-175032. | 4.2 | 16 |
| 72 | 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 |

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| 73 | Image reconstruction based on the improved compressive sensing algorithm. , 2015, , . | | 14 |
| 74 | ON TEXTURE CLASSIFICATION USING FRACTAL DIMENSION. International Journal of Pattern Recognition and Artificial Intelligence, 1999, 13, 929-943. | 1.2 | 13 |
| 75 | Split-Radix Algorithms for Arbitrary Order of Polynomial Time Frequency Transforms. IEEE Transactions on Signal Processing, 2007, 55, 134-141. | 5.3 | 13 |
| 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 | Tomography time-frequency transform. IEEE Transactions on Signal Processing, 2002, 50, 1289-1297. | 5.3 | 12 |
| 78 | The reassigned local polynomial periodogram and its properties. Signal Processing, 2009, 89, 206-217. | 3.7 | 12 |
| 79 | Computationally Efficient Wide-Band DOA Estimation Methods Based on Sparse Bayesian Framework. IEEE Transactions on Vehicular Technology, 2017, 66, 11108-11121. | 6.3 | 12 |
| 80 | Direction of Arrival Estimation for MIMO Radar via Unitary Nuclear Norm Minimization. Sensors, 2017, 17, 939. | 3.8 | 12 |
| 81 | Fast Algorithms for Polynomial Time-Frequency Transforms of Real-Valued Sequences. IEEE Transactions on Signal Processing, 2008, 56, 1905-1915. | 5.3 | 11 |
| 82 | Sampling rate conversion based on DFT and DCT. Signal Processing, 2013, 93, 476-486. | 3.7 | 11 |
| 83 | Fast algorithms for type-III DCT of composite sequence lengths. IEEE Transactions on Signal Processing, 1999, 47, 2053-2059. | 5.3 | 10 |
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| 86 | 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 |
| 87 | 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 |
| 88 | Weighted Block Sparse Recovery Algorithm for High Resolution DOA Estimation with Unknown Mutual Coupling. Electronics (Switzerland), 2018, 7, 217. | 3.1 | 10 |
| 89 | Tensor-Based Angle Estimation Approach for Strictly Noncircular Sources with Unknown Mutual Coupling in Bistatic MIMO Radar. Sensors, 2018, 18, 2788. | 3.8 | 10 |
| 90 | A novel iterative soft thresholding algorithm for L1 regularization based SAR image enhancement. Science China Information Sciences, 2019, 62, 1. | 4.3 | 10 |

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| 91 | Capacity comparison of CDMA and FDMA/TDMA for a LEO satellite system. , 0, , . | | 9 |
| 92 | New algorithm for multidimensional type-III DCT. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2000, 47, 1523-1529. | 2.2 | 9 |
| 93 | Group-blind intersymbol multiuser detection for downlink CDMA with multipath. IEEE Transactions on Wireless Communications, 2005, 4, 434-443. | 9.2 | 9 |
| 94 | Joint optimization of sensing threshold and transmission power in wideband cognitive radio with energy detection. Radio Science, 2013, 48, 359-370. | 1.6 | 9 |
| 95 | Unitary Matrix Completion-Based DOA Estimation of Noncircular Signals in Nonuniform Noise. IEEE Access, 2019, 7, 73719-73728. | 4.2 | 9 |
| 96 | 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 |
| 97 | Performance of multi-beam CDMA-based LEO satellite systems in a Rice-lognormal channel. IEEE Communications Letters, 1999, 3, 88-90. | 4.1 | 8 |
| 98 | On computation of the discrete W transform. IEEE Transactions on Signal Processing, 1999, 47, 1450-1453. | 5.3 | 8 |
| 99 | 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 |
| 100 | Block orthogonal greedy algorithm for stable recovery of block-sparse signal representations. Signal Processing, 2010, 90, 3265-3277. | 3.7 | 8 |
| 101 | Improved stability conditions of BOGA for noisy block-sparse signals. Signal Processing, 2011, 91, 2567-2574. | 3.7 | 8 |
| 102 | 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 |
| 103 | Sparse Bayesian Learning for DOA estimation in MIMO radar with unknown nonuniform noise. , 2016, , . | | 8 |
| 104 | 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 |
| 105 | Split-radix algorithm for 2-D discrete Hartley transform. Signal Processing, 1997, 63, 45-53. | 3.7 | 7 |
| 106 | Fast algorithms for polynomial time frequency transform. Signal Processing, 2007, 87, 789-798. | 3.7 | 7 |
| 107 | Supervised modulation classification based on ambiguity function image and invariant moments. , 2014, , . | | 7 |
| 108 | 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 |

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| 109 | Prime factor algorithm for multidimensional discrete cosine transform. IEEE Transactions on Signal Processing, 2001, 49, 2156-2161. | 5.3 | 6 |
| 110 | Combined Polynomial Transform and Radix-q Algorithm for Multi-dimensional DCT-III. Multidimensional Systems and Signal Processing, 2002, 13, 79-99. | 2.6 | 6 |
| 111 | Broadband interference suppression in DS-SS system with modified discrete chirp Fourier transform. Signal Processing, 2004, 84, 1749-1758. | 3.7 | 6 |
| 112 | Aliased polyphase sampling. Signal Processing, 2010, 90, 1323-1326. | 3.7 | 6 |
| 113 | A unified expression for split-radix DFT algorithms. , 2010, , . | | 6 |
| 114 | Fast algorithms for DFT of composite sequence lengths. Signal Processing, 1998, 70, 139-145. | 3.7 | 5 |
| 115 | Effect of multiple access interference on performance of multi-beam CDMA-based LEO satellite systems. Electronics Letters, 1998, 34, 149. | 1.0 | 5 |
| 116 | Subspace training method for multiuser detection in dispersive CDMA channel. Electronics Letters, 2000, 36, 1315. | 1.0 | 5 |
| 117 | Radix-3 fast algorithms for polynomial time frequency transforms. Signal Processing, 2008, 88, 2316-2322. | 3.7 | 5 |
| 118 | Time-frequency peak filtering for the recognition of communication signals. , 2012, , . | | 5 |
| 119 | Price-based distributed resource allocation for femtocell networks. , 2012, , . | | 5 |
| 120 | ISAR maneuvering target imaging based on compressive time-frequency distribution. , 2012, , . | | 5 |
| 121 | Resource allocation in D2D-enabled cellular networks using hierarchical game. , 2014, , . | | 5 |
| 122 | Time-varying filtering and separation of nonstationary FM signals in strong noise environments. , 2014, , . | | 5 |
| 123 | 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 |
| 124 | Asymptotic performance analysis of protograph LDPC-coded STBC systems in fading channels. , 2015, , . | | 5 |
| 125 | ISAR cross-range scaling algorithm based on LVD. , 2016, , . | | 5 |
| 126 | TDCS-IDMA System for Cognitive Radio Networks With Cloud. IEEE Access, 2018, 6, 20520-20530. | 4.2 | 5 |

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| 127 | Performance Analysis of Iterative Soft Thresholding Algorithm for L_1 Regularization Based Sparse SAR Imaging. , 2019, , . | | 5 |
| 128 | Combined polynomial transform and radix-q algorithm for MD discrete W transform. IEEE Transactions on Signal Processing, 2001, 49, 634-641. | 5.3 | 4 |
| 129 | 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 |
| 130 | Signal Processing for Large Bandwidth and Long Duration Waveform SAR. Multidimensional Systems and Signal Processing, 2003, 14, 119-137. | 2.6 | 4 |
| 131 | Blind Multiuser Detection for Long Code Multipath DS-CDMA Systems with Bayesian MC Techniques. Wireless Personal Communications, 2006, 39, 265-278. | 2.7 | 4 |
| 132 | SMC-Based Blind Detection for DS-CDMA Systems Over Multipath Fading Channels. IEEE Transactions on Communications, 2006, 54, 971-974. | 7.8 | 4 |
| 133 | Uncertainty principle of the second-order LPFT. , 2009, , . | | 4 |
| 134 | An Efficient and Robust Orthogonal Structure for Linear Discrete-Time Systems. Circuits, Systems, and Signal Processing, 2010, 29, 727-743. | 2.0 | 4 |
| 135 | FFT-based sampling rate conversion. , 2012, , . | | 4 |
| 136 | IF extraction of multicomponent radar signals based on time-frequency gradient image. , 2014, , . | | 4 |
| 137 | Logarithmic Laplacian Prior Based Bayesian Inverse Synthetic Aperture Radar Imaging. Sensors, 2016, 16, 611. | 3.8 | 4 |
| 138 | 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 |
| 139 | Off-Grid DOA Estimation in Mutual Coupling via Robust Sparse Bayesian Learning. , 2018, , . | | 4 |
| 140 | Robust Angle Estimation for MIMO Radar with the Coexistence of Mutual Coupling and Colored Noise. Sensors, 2018, 18, 832. | 3.8 | 4 |
| 141 | An improved iterative thresholding algorithm for L_1 -norm regularization based sparse SAR imaging. Science China Information Sciences, 2020, 63, 1. | 4.3 | 4 |
| 142 | Fast algorithms for the 2-D discrete W transform. Signal Processing, 1999, 74, 297-308. | 3.7 | 3 |
| 143 | Lifting Factorization of Discrete W Transform. Circuits, Systems, and Signal Processing, 2002, 21, 277-298. | 2.0 | 3 |
| 144 | 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 |

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| 145 | Robust STFT with adaptive window length and rotation direction. , 0, , . | | 3 |
| 146 | Intersymbol Decorrelating Detector for Asynchronous CDMA Networks with Multipath. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1. | 2.4 | 3 |
| 147 | A new transform for chirp detection. , 2008, , . | | 3 |
| 148 | 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 |
| 149 | Novel pseudorandom phase generation in transform domain communication systems. , 2011, , . | | 3 |
| 150 | ISAR imaging by exploiting the continuity of target scene. , 2014, , . | | 3 |
| 151 | On the modulation and signalling design for a transform domain communication system. IET Communications, 2014, 8, 2909-2916. | 2.2 | 3 |
| 152 | Time-frequency representation reconstruction based on the compressive sensing. , 2014, , . | | 3 |
| 153 | Systematic analysis of uncertainty principles of the local polynomial Fourier transform. Eurasip Journal on Advances in Signal Processing, 2014, 2014, . | 1.7 | 3 |
| 154 | Adaptive Interference Suppression Based on Lv Distribution for DSSS Communications. Journal of Circuits, Systems and Computers, 2015, 24, 1550012. | 1.5 | 3 |
| 155 | Distributed guidance for interception by using multiple rotary-wing unmanned aerial vehicles. , 2016, , . | | 3 |
| 156 | A Keystone-Based Cosine Transform. Circuits, Systems, and Signal Processing, 2017, 36, 3438-3447. | 2.0 | 3 |
| 157 | Doppler-shift invariant feature extraction for underwater acoustic target classification. , 2017, , . | | 3 |
| 158 | An Effective LFM Signal Reconstruction Method for Signal Denoising. Journal of Circuits, Systems and Computers, 2018, 27, 1850140. | 1.5 | 3 |
| 159 | Target Localization in Multipath Propagation Environment Using Dictionary-Based Sparse Representation. IEEE Access, 2019, 7, 150583-150597. | 4.2 | 3 |
| 160 | An Accurate Imaging and Doppler Chirp Rate Estimation Algorithm for Airborne CSSAR-GMTI Systems. IEEE Access, 2019, 7, 170077-170086. | 4.2 | 3 |
| 161 | Distributed compressive sensing via LSTM-Aided sparse Bayesian learning. Signal Processing, 2020, 176, 107656. | 3.7 | 3 |
| 162 | Novel ISAR Range Alignment via Minimizing the Entropy of the Sum Range Profile. , 2020, , . | | 3 |

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| 163 | Performance analysis of wide-band DS-CDMA with DPSK in Nakagami fading channels. , 0, , . | | 2 |
| 164 | Odd-Factor Algorithms for Multidimensional Discrete W Transform. Circuits, Systems, and Signal Processing, 2003, 22, 377. | 2.0 | 2 |
| 165 | Blind intersymbol decorrelating detector for asynchronous multicarrier CDMA system. Signal Processing, 2005, 85, 1511-1522. | 3.7 | 2 |
| 166 | Dilation dependent matched filtering for SAR signal processing. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 729-736. | 4.7 | 2 |
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| 168 | Tone interference suppression in DS-SS systems with modified DFT. Signal Processing, 2008, 88, 2817-2824. | 3.7 | 2 |
| 169 | On the cross-terms in LPPs. , 2009, , . | | 2 |
| 170 | An improved amplify-and-forward strategy for user cooperation channels. , 2009, , . | | 2 |
| 171 | Spectrum sensing of wireless microphone signals based on LHT. , 2011, , . | | 2 |
| 172 | On uncertainty principle of the local polynomial Fourier transform. Eurasip Journal on Advances in Signal Processing, 2012, 2012, . | 1.7 | 2 |
| 173 | Dynamic access strategy selection in user deployed small cell networks. , 2013, , . | | 2 |
| 174 | A Voice Activity Detector Based on Noise Spectrum Adaptation and Discrimination Information for Automatic Speech Recognition System. , 2014, , . | | 2 |
| 175 | Phase/gain error compensation in sensor array via variational Bayesian inference. , 2014, , . | | 2 |
| 176 | Blind Frequency Hopping Spectrum Estimation: A Bayesian Approach. , 2014, , . | | 2 |
| 177 | Structured sparse representation based ISAR imaging. , 2014, , . | | 2 |
| 178 | A time-frequency preprocessing method for blind source separation of speech signal with temporal structure. , 2015, , . | | 2 |
| 179 | Wideband DOA estimation by joint sparse representation under Bayesian learning framework. , 2015, , . | | 2 |
| 180 | Improved Bayesian Compressive Sensing for Image Reconstruction Using Single-Level Wavelet Transform. , 2016, , . | | 2 |

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| 181 | ISAR maneuvering targets imaging and motion estimation from parametric sparse bayesian learning. , 2016, , . | | 2 |
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| 183 | Real-Time Data Processing in Sparse SAR Imaging. , 2019, , . | | 2 |
| 184 | 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 |
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| 186 | Code timing estimator for DS-CDMA signals in slow fading multipath channels. Electronics Letters, 1999, 35, 1604. | 1.0 | 1 |
| 187 | Generation of two correlated Rayleigh fading signals with arbitrary powers. Journal of Communications and Networks, 1999, 1, 266-268. | 2.6 | 1 |
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| 191 | New adaptive bit allocation algorithms for multiuser OFDM/CDMA systems. Wireless Networks, 2009, 15, 341-351. | 3.0 | 1 |
| 192 | Reassignment methods for robust time-frequency representations. , 2009, , . | | 1 |
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