

Pierre Duhamel

List of Publications by Year in descending order

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164
papers

6,716
citations

147726

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76872

74
g-index

164
all docs

164
docs citations

164
times ranked

3216
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Subspace methods for the blind identification of multichannel FIR filters. IEEE Transactions on Signal Processing, 1995, 43, 516-525. | 3.2 | 1,334 |
| 2 | Fast fourier transforms: A tutorial review and a state of the art. Signal Processing, 1990, 19, 259-299. | 2.1 | 754 |
| 3 | Cyclic prefixing or zero padding for wireless multicarrier transmissions?. IEEE Transactions on Communications, 2002, 50, 2136-2148. | 4.9 | 663 |
| 4 | Fast algorithms for discrete and continuous wavelet transforms. IEEE Transactions on Information Theory, 1992, 38, 569-586. | 1.5 | 523 |
| 5 | â€˜Split radixâ€™ FFT algorithm. Electronics Letters, 1984, 20, 14. | 0.5 | 335 |
| 6 | Subspace-based blind and semi-blind channel estimation for OFDM systems. IEEE Transactions on Signal Processing, 2002, 50, 1699-1712. | 3.2 | 259 |
| 7 | Implementation of "Split-radix" FFT algorithms for complex, real, and real-symmetric data. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1986, 34, 285-295. | 2.0 | 226 |
| 8 | Orthogonal transmultiplexers in communication: a review. IEEE Transactions on Signal Processing, 1998, 46, 979-995. | 3.2 | 196 |
| 9 | Improved Fourier and Hartley transform algorithms: Application to cyclic convolution of real data. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1987, 35, 818-824. | 2.0 | 118 |
| 10 | Short-length FIR filters and their use in fast nonrecursive filtering. IEEE Transactions on Signal Processing, 1991, 39, 1322-1332. | 3.2 | 115 |
| 11 | Automatic test generation techniques for analog circuits and systems: A review. IEEE Transactions on Circuits and Systems, 1979, 26, 411-440. | 0.9 | 113 |
| 12 | Hyperspectral Image Compression: Adapting SPIHT and EZW to Anisotropic 3-D Wavelet Coding. IEEE Transactions on Image Processing, 2008, 17, 2334-2346. | 6.0 | 104 |
| 13 | On-line blind multichannel equalization based on mutually referenced filters. IEEE Transactions on Signal Processing, 1997, 45, 2307-2317. | 3.2 | 94 |
| 14 | Adaptive filtering in subbands using a weighted criterion. IEEE Transactions on Signal Processing, 1998, 46, 2359-2371. | 3.2 | 91 |
| 15 | Rate Allocation and Adaptation for Incremental Redundancy Truncated HARQ. IEEE Transactions on Communications, 2013, 61, 2580-2590. | 4.9 | 87 |
| 16 | Impulsive Noise Cancellation in Multicarrier Transmission. IEEE Transactions on Communications, 2005, 53, 94-106. | 4.9 | 83 |
| 17 | Fast FIR filtering: Algorithms and implementations. Signal Processing, 1987, 13, 377-384. | 2.1 | 63 |
| 18 | A set of algorithms linking NLMS and block RLS algorithms. IEEE Transactions on Signal Processing, 1995, 43, 444-453. | 3.2 | 59 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | A multichannel affine projection algorithm with applications to multichannel acoustic echo cancellation. IEEE Signal Processing Letters, 1996, 3, 35-37. | 2.1 | 58 |
| 20 | A pseudorandom postfix OFDM modulator - semi-blind channel estimation and equalization. IEEE Transactions on Signal Processing, 2006, 54, 1005-1017. | 3.2 | 57 |
| 21 | An asymmetric watermarking method. IEEE Transactions on Signal Processing, 2003, 51, 981-995. | 3.2 | 51 |
| 22 | A subspace-based approach to blind channel identification in pulse shaping OFDM/OQAM systems. IEEE Transactions on Signal Processing, 2001, 49, 1594-1598. | 3.2 | 50 |
| 23 | Oversampled filter banks as error correcting codes: theory and impulse noise correction. IEEE Transactions on Signal Processing, 2005, 53, 4619-4630. | 3.2 | 47 |
| 24 | Orthogonalization of OFDM/OQAM pulse shaping filters using the discrete Zak transform. Signal Processing, 2003, 83, 1379-1391. | 2.1 | 44 |
| 25 | Split-radix algorithms for length-p/sup m/ DFT's. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 57-64. | 2.0 | 43 |
| 26 | Wideband, Bandpass, and Versatile Hybrid Filter Bank A/D Conversion for Software Radio. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 1772-1782. | 3.5 | 43 |
| 27 | Joint Source-Channel Coding Using Real BCH Codes for Robust Image Transmission. IEEE Transactions on Image Processing, 2007, 16, 1568-1583. | 6.0 | 42 |
| 28 | Algorithms meeting the lower bounds on the multiplicative complexity of length-2/sup n/ DFTs and their connection with practical algorithms. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 1504-1511. | 2.0 | 41 |
| 29 | Subband Architecture for Hybrid Filter Bank A/D Converters. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 191-201. | 7.3 | 38 |
| 30 | An Asymmetric Public Detection Watermarking Technique. Lecture Notes in Computer Science, 2000, , 88-100. | 1.0 | 38 |
| 31 | On the Diversity of Network-Coded Cooperation With Decode-and-Forward Relay Selection. IEEE Transactions on Wireless Communications, 2015, 14, 4369-4378. | 6.1 | 33 |
| 32 | <title>Applied public-key steganography</title>. , 2002, , . | | 32 |
| 33 | In-place butterfly-style FFT of 2-D real sequences. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1988, 36, 1642-1650. | 2.0 | 31 |
| 34 | Perfect reconstruction versus MMSE filter banks in source coding. IEEE Transactions on Signal Processing, 1997, 45, 2188-2202. | 3.2 | 31 |
| 35 | <title>Unified approach of asymmetric watermarking schemes</title>. , 2001, , . | | 31 |
| 36 | Unbiased blind adaptive channel identification and equalization. IEEE Transactions on Signal Processing, 2000, 48, 148-158. | 3.2 | 29 |

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| 37 | On computing the inverse DFT. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1988, 36, 285-286. | 2.0 | 28 |
| 38 | Image coding with an $L/\sup \hat{z}$ / norm and confidence interval criteria. IEEE Transactions on Image Processing, 1998, 7, 621-631. | 6.0 | 27 |
| 39 | Blind identification of multipath channels: a parametric subspace approach. IEEE Transactions on Signal Processing, 2001, 49, 1468-1480. | 3.2 | 26 |
| 40 | Audio watermarking under desynchronization and additive noise attacks. IEEE Transactions on Signal Processing, 2006, 54, 570-584. | 3.2 | 26 |
| 41 | Improved iterative detection and achieved throughputs of OFDM systems under imperfect channel estimation. IEEE Transactions on Wireless Communications, 2008, 7, 5039-5050. | 6.1 | 25 |
| 42 | Wavelet-Based Semiblind Channel Estimation for Ultrawideband OFDM Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 1302-1314. | 3.9 | 24 |
| 43 | Adaptive solution for blind identification/equalization using deterministic maximum likelihood. IEEE Transactions on Signal Processing, 2002, 50, 923-936. | 3.2 | 21 |
| 44 | Robust Decoding of H.264 Encoded Video Transmitted over Wireless Channels. , 2006, , . | | 20 |
| 45 | Robust MAC-lite and soft header recovery for packetized multimedia transmission. IEEE Transactions on Communications, 2010, 58, 775-784. | 4.9 | 19 |
| 46 | On the methods for solving Yule-Walker equations. IEEE Transactions on Signal Processing, 1992, 40, 2987-3000. | 3.2 | 18 |
| 47 | Turbo demodulation of zero-padded OFDM transmissions. IEEE Transactions on Communications, 2002, 50, 1725-1728. | 4.9 | 17 |
| 48 | Improved Iterative MIMO Signal Detection Accounting for Channel-Estimation Errors. IEEE Transactions on Vehicular Technology, 2009, 58, 3154-3167. | 3.9 | 16 |
| 49 | Blind robust image watermarking based on adaptive embedding strength and distribution of quantified coefficients. Expert Systems With Applications, 2022, 187, 115906. | 4.4 | 16 |
| 50 | Outage Behavior of Discrete Memoryless Channels Under Channel Estimation Errors. IEEE Transactions on Information Theory, 2009, 55, 4221-4239. | 1.5 | 15 |
| 51 | Achievable Rate Regions for Two-Way Relay Channel Using Nested Lattice Coding. IEEE Transactions on Wireless Communications, 2014, 13, 5607-5620. | 6.1 | 14 |
| 52 | Rate Adaptation for Incremental Redundancy Secure HARQ. IEEE Transactions on Communications, 2016, 64, 765-777. | 4.9 | 14 |
| 53 | Performance Analysis of Network Coded Cooperation with Channel Coding and Adaptive DF-Based Relaying in Rayleigh Fading Channels. IEEE Signal Processing Letters, 2015, 22, 1354-1358. | 2.1 | 13 |
| 54 | Robust Source Decoding of Variable-Length Encoded Video Data Taking Into Account Source Constraints. IEEE Transactions on Communications, 2005, 53, 1077-1084. | 4.9 | 12 |

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|----|---|-----|-----------|
| 55 | Blind identification/equalization using deterministic maximum likelihood and a partial prior on the input. IEEE Transactions on Signal Processing, 2006, 54, 724-737. | 3.2 | 12 |
| 56 | A Necessary Condition on the Location of Pilot Tones for Maximizing the Correction Capacity in OFDM Systems. IEEE Transactions on Communications, 2007, 55, 356-366. | 4.9 | 12 |
| 57 | Performance Analysis of Scalar DC<?Pub _bookmark Command="[Quick Mark]"?>–QIM for Zero-Bit Watermarking. IEEE Transactions on Information Forensics and Security, 2007, 2, 283-289. | 4.5 | 12 |
| 58 | Short-Distance Intra Prediction of Screen Content in Versatile Video Coding (VVC). IEEE Signal Processing Letters, 2018, 25, 1690-1694. | 2.1 | 12 |
| 59 | Intra Block-DPCM with Layer Separation of Screen Content in VVC. , 2019, , . | | 12 |
| 60 | Multi-channel high resolution blind image restoration. , 1999, , . | | 11 |
| 61 | Broadcast- and MAC-Aware Coding Strategies for Multiple User Information Embedding. IEEE Transactions on Signal Processing, 2007, 55, 2974-2992. | 3.2 | 11 |
| 62 | Improved sequential MAP estimation of CABAC encoded data with objective adjustment of the complexity/efficiency tradeoff. IEEE Transactions on Communications, 2009, 57, 2014-2023. | 4.9 | 11 |
| 63 | A set of template matching predictors for intra video coding. , 2010, , . | | 11 |
| 64 | Adaptive Incremental Redundancy for HARQ Transmission with Outdated CSI. , 2011, , . | | 11 |
| 65 | Evaluation of Cross-Layer Reliability Mechanisms for Satellite Digital Multimedia Broadcast. IEEE Transactions on Broadcasting, 2007, 53, 391-404. | 2.5 | 10 |
| 66 | Rateless coding for quasi-static fading channels using channel estimation accuracy. , 2008, , . | | 10 |
| 67 | On the Outage Capacity of a Practical Decoder Accounting for Channel Estimation Inaccuracies. IEEE Transactions on Communications, 2009, 57, 1341-1350. | 4.9 | 9 |
| 68 | A parametric blind subspace identification: robustness issue. IEEE Communications Letters, 1999, 3, 320-322. | 2.5 | 8 |
| 69 | Simplification of VLC tables with application to ML and MAP decoding algorithms. IEEE Transactions on Communications, 2006, 54, 1835-1844. | 4.9 | 8 |
| 70 | Robust header recovery based enhanced permeable protocol layer mechanism. , 2008, , . | | 8 |
| 71 | Robust Wireless Network Coding â€“ An Overview. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 685-698. | 0.2 | 8 |
| 72 | On the Outage Capacity of a Practical Decoder Using Channel Estimation Accuracy. , 2007, , . | | 7 |

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| 73 | MIMO-OFDM optimal decoding and achievable information rates under imperfect channel estimation. , 2007, , . | | 7 |
| 74 | Joint protocol-channel decoding for robust aggregated packet recovery at wimax MAC layer. , 2009, , . | | 7 |
| 75 | Achievable rates optimization for broadcast channels using finite size constellations under transmission constraints. Eurasp Journal on Wireless Communications and Networking, 2013, 2013, . | 1.5 | 7 |
| 76 | Distributed stochastic optimization in networks with low informational exchange. , 2017, , . | | 7 |
| 77 | Efficient Implementation Methodology of Fast FIR Filtering Algorithms on DSP. Journal of Signal Processing Systems, 1997, 16, 81-103. | 1.0 | 6 |
| 78 | A blind decision feedback equalizer incorporating fixed lag smoothing. IEEE Transactions on Signal Processing, 2000, 48, 1315-1328. | 3.2 | 6 |
| 79 | Estimation-Induced Outage Capacity of Ricean Channels. , 2006, , . | | 6 |
| 80 | Decision-Feedback Equalization for Pulse-Position Modulation. IEEE Transactions on Signal Processing, 2007, 55, 5361-5369. | 3.2 | 6 |
| 81 | Ultra wideband OFDM channel estimation through a wavelet based EM-EMAP algorithm. European Transactions on Telecommunications, 2008, 19, 761-771. | 1.2 | 6 |
| 82 | On the use of cascade structure to correct impulsive noise in multicarrier systems. IEEE Transactions on Communications, 2008, 56, 1844-1858. | 4.9 | 6 |
| 83 | Scalar DC-QIM for Semifragile Authentication. IEEE Transactions on Information Forensics and Security, 2008, 3, 776-782. | 4.5 | 6 |
| 84 | Parity-Check Matrix Calculation for Paraunitary Oversampled DFT Filter Banks. IEEE Transactions on Signal Processing, 2008, 56, 5277-5283. | 3.2 | 6 |
| 85 | Joint Exploitation of Residual Source Information and MAC Layer CRC Redundancy for Robust Video Decoding. IEEE Transactions on Wireless Communications, 2010, 9, 2165-2175. | 6.1 | 6 |
| 86 | Achievable Secrecy Rates for the Broadcast Channel with Confidential Message and Finite Constellation Inputs. IEEE Transactions on Communications, 2014, , 1-1. | 4.9 | 6 |
| 87 | Un algorithme de transformation de Fourier rapide Å double base. Annales Des Telecommunications/Annals of Telecommunications, 1985, 40, 481-494. | 1.6 | 5 |
| 88 | Asymptotically Optimal Scalar Quantizers for QIM Watermark Detection. , 2006, , . | | 5 |
| 89 | Robust Video Decoding through Simultaneous Usage of Residual Source Information and MAC Layer CRC Redundancy. , 2007, , . | | 5 |
| 90 | Optimal and low-complexity iterative joint network/channel decoding for the multiple-access relay channel. , 2011, , . | | 5 |

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| 91 | Joint Protocol-Channel Decoding for Robust Frame Synchronization. IEEE Transactions on Communications, 2012, 60, 2326-2335. | 4.9 | 5 |
| 92 | Protocol-Assisted Channel Decoding. IEEE Signal Processing Letters, 2012, 19, 483-486. | 2.1 | 5 |
| 93 | Multiple-access relaying with network coding: iterative network/channel decoding with imperfect CSI. Eurasip Journal on Advances in Signal Processing, 2013, 2013, . | 1.0 | 5 |
| 94 | BER analysis of Joint Network/Channel decoding in block Rayleigh fading channels. , 2013, , . | | 5 |
| 95 | The multibrage charge routing filter. IEEE Transactions on Circuits and Systems, 1985, 32, 20-27. | 0.9 | 4 |
| 96 | A connection between bit reversal and matrix transposition: hardware and software consequences. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 1893-1896. | 2.0 | 4 |
| 97 | A new quantization optimization algorithm for the MPEG advanced audio coder using a statistical subband model of the quantization noise. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 1328-1339. | 3.8 | 4 |
| 98 | Achievable Outage Rates with Improved Decoding of BICM Multiband OFDM under Channel Estimation Errors. , 2006, , . | | 4 |
| 99 | On the Capacity of the Fading MIMO Broadcast Channel Without Channel Information at the Transmitter and Imperfect Estimation at the Receivers. , 2007, , . | | 4 |
| 100 | Geometrical interpretation and improvements of the Blahut-Arimoto's algorithm. , 2009, , . | | 4 |
| 101 | Robust critical data recovery for MPEG-4 AAC encoded bitstreams. , 2010, , . | | 4 |
| 102 | Wyner-Ziv lattice coding for two-way relay channel. , 2012, , . | | 4 |
| 103 | Robust Transmission of Compressed HTML Files over Wireless Channel using an Iterative Joint Source-Channel Decoding Receiver. IEEE Transactions on Communications, 2012, 60, 2679-2688. | 4.9 | 4 |
| 104 | Spread-Spectrum Substitution watermarking Game. , 2006, , . | | 3 |
| 105 | Adaptation of Zerotrees Using Signed Binary Digit Representations for 3D Image Coding. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-7. | 1.7 | 3 |
| 106 | Iterative joint source-channel decoding of VLC exploiting source semantics over realistic radio-mobile channels. IEEE Transactions on Communications, 2009, 57, 1701-1711. | 4.9 | 3 |
| 107 | Frame Synchronization based on robust header recovery and Bayesian testing. , 2010, , . | | 3 |
| 108 | A turbo iteration algorithm in 16QAM hierarchical modulation. , 2010, , . | | 3 |

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| 109 | Enhanced time synchronization in IEEE 802.11a system using SIGNAL field and MAP channel estimation. , 2012, , . | | 3 |
| 110 | Iterative network/channel decoding for the noisy multiple-access relay channel (MARC). , 2012, , . | | 3 |
| 111 | Multi-Layer HARQ With Delayed Feedback. IEEE Transactions on Wireless Communications, 2020, 19, 6224-6237. | 6.1 | 3 |
| 112 | Adaptation of Zerotrees Using Signed Binary Digit Representations for 3D Image Coding. Eurasip Journal on Image and Video Processing, 2007, 2007, 054679. | 1.7 | 3 |
| 113 | On discrete Fourier transforms (number-theoretic transforms) with minimum number of rotations (shifts). Signal Processing, 1988, 14, 237-241. | 2.1 | 2 |
| 114 | On Channel Sensitivity to Partially Known Two-sided State Information. , 2006, , . | | 2 |
| 115 | Robust transmission of html files : Iterative joint source-channel decoding of Lempel Ziv-77 codes. , 2008, , . | | 2 |
| 116 | A multicode approach for high data rate UWB system design. IEEE Transactions on Communications, 2009, 57, 553-561. | 4.9 | 2 |
| 117 | Challenging issues in multimedia transmission over wireless networks based on network coding. , 2012, , . | | 2 |
| 118 | Optimization of Unicast Services Transmission for Broadcast Channels in Practical Situations. Bell Labs Technical Journal, 2012, 17, 5-23. | 0.7 | 2 |
| 119 | Performance analysis of relay networks with channel code in low SNR regime. , 2013, , . | | 2 |
| 120 | Improved time synchronization in presence of imperfect channel state information. , 2013, , . | | 2 |
| 121 | Transform Coefficient Coding for Screen Content in Versatile Video Coding (VVC). , 2019, , . | | 2 |
| 122 | An improved Burg-type recursive lattice method for autoregressive spectral analysis. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 1437-1445. | 2.0 | 1 |
| 123 | A least mean squares blind equalization techniques for OFDM systems. Annales Des Telecommunications/Annals of Telecommunications, 1997, 52, 12. | 1.6 | 1 |
| 124 | Statistical model for the quantization noise in the MPEG Advanced Audio Coder. Application to the bit allocation algorithm. , 2002, , . | | 1 |
| 125 | Compactly Supported Non-Uniform Spline Wavelet for Irregularly Sub-Sampled Image Representation. , 2006, , . | | 1 |
| 126 | Controlled Complexity Map Decoding of CABAC Encoded Data. , 2006, , . | | 1 |

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| 127 | Signed Binary Digit Representation to Simplify 3D-EZW. , 2007, , . | | 1 |
| 128 | On Blind Equalization of Biorthogonal Signaling. IEEE Transactions on Signal Processing, 2007, 55, 1421-1435. | 3.2 | 1 |
| 129 | Improved retransmission scheme for video communication systems. , 2008, , . | | 1 |
| 130 | Robust transmission of 802.11n physical packet headers. , 2009, , . | | 1 |
| 131 | Physical network coding for TWR channel: Capacity region and error exponents. , 2011, , . | | 1 |
| 132 | Multi-hop, multi-route power minimisation in ad hoc network. , 2012, , . | | 1 |
| 133 | The impact of finite-alphabet input on the secrecy-achievable rates for broadcast channel with confidential message. , 2014, , . | | 1 |
| 134 | Improved time and frequency synchronization in presence of imperfect channel state information. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, . | 1.5 | 1 |
| 135 | On joint power allocation and multipath routing in femto-relay networks. , 2016, , . | | 1 |
| 136 | A probabilistic retransmission protocol on a relaying network. , 2017, , . | | 1 |
| 137 | Throughput-efficient Relay assisted Hybrid ARQ. , 2018, , . | | 1 |
| 138 | A Probabilistic HARQ Protocol for Demodulate-and-Forward Relaying Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1623-1636. | 6.1 | 1 |
| 139 | Filtre intÃ©grÃ© Ã transferts rÃ©cursifs. Annales Des Telecommunications/Annals of Telecommunications, 1982, 37, 47-62. | 1.6 | 0 |
| 140 | Nonredundant representation of images allowing object-based and multiresolution scalable coding. , 2000, 4067, 598. | | 0 |
| 141 | Guest Editorial: Supplement on Secure Mediaâ€™I. IEEE Transactions on Signal Processing, 2004, 52, 2954-2954. | 3.2 | 0 |
| 142 | Time jitter versus additive noise in a game theory context. , 2005, , . | | 0 |
| 143 | Improving sequential decoding of CABAC encoded data via objective adjustment of the complexity-efficiency trade-off. , 2006, , . | | 0 |
| 144 | Rotation/scale insensitive spread spectrum image watermarking game. , 2006, , . | | 0 |

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| 145 | Optimal detector for an additive watermarking scheme based on human auditory system. , 2006, 6072, 759. | | 0 |
| 146 | Multiband OFDM UWB Channel Estimation Via a Wavelet Based EM-MAP Algorithm. , 2006, , . | | 0 |
| 147 | An Efficient Low Bit-Rate Information Embedding Costa Based Scheme using a Perceptual Model. , 2007, , . | | 0 |
| 148 | Robust MAC-Lite and Header Recovery Based Improved Permeable Protocol Layer Scheme. , 2008, , . | | 0 |
| 149 | Efficient memory data organization for fast still image decoding implementation. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , . | 1.8 | 0 |
| 150 | A distributed algorithm for instantaneous allocation of discrete resources in heterogeneous networks. , 2009, , . | | 0 |
| 151 | Multiresolution Analysis Adapted to Irregularly Spaced Data. Eurasip Journal on Advances in Signal Processing, 2009, 2009, . | 1.0 | 0 |
| 152 | On rate and BER analysis for finite-dimensional lattice coding for the dirty paper channel. AEU - International Journal of Electronics and Communications, 2010, 64, 450-464. | 1.7 | 0 |
| 153 | Sliding-Trellis Based Frame Synchronization. , 2011, , . | | 0 |
| 154 | Improved receiver for cooperative wireless communication systems using QAM and Galois Field network coding. , 2012, , . | | 0 |
| 155 | Performance of network coding enabled diversity relay networks. , 2012, , . | | 0 |
| 156 | Finite dimension Wyner-Ziv lattice coding for two-way relay channel. , 2013, , . | | 0 |
| 157 | Coding, diversity and ARQ in fading channels: A case-study performance comparison. , 2013, , . | | 0 |
| 158 | Lattice-based Wyner-Ziv coding for parallel Gaussian two-way relay channels. , 2013, , . | | 0 |
| 159 | Power Extrinsic Propagation for Turbo-Codes. IEEE Transactions on Signal Processing, 2013, 61, 1107-1111. | 3.2 | 0 |
| 160 | Reliable packet type estimation via joint protocol-channel decoding. , 2014, , . | | 0 |
| 161 | Joint Source-Channel Coding and Decoding. , 2014, , 535-582. | | 0 |
| 162 | Semi-orthogonal MARC with half duplex relaying: A backward compatible cooperative network with interference channels. , 2016, , . | | 0 |

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| 163 | Simplified analysis of HARQ cooperative networks using finite-state Markov chains. , 2017, , . | | 0 |
| 164 | Finite-SNR analysis for partial relaying cooperation with channel coding and opportunistic relay selection. Eurasip Journal on Advances in Signal Processing, 2017, 2017, . | 1.0 | 0 |