BenoÃ®t Champagne

List of Publications by Year
in descending order

177 papers	2,301 citations	257450 24 h-index	276875 41 g-index
177 all docs	177 docs citations	177 times ranked	1982 citing authors

#	Article	IF	Citations
1	PACDNN: A phase-aware composite deep neural network for speech enhancement. Speech Communication, 2022, 136, 1-13.	2.8	12
2	Uncertainty Estimation via Monte Carlo Dropout in CNN-Based mmWave MIMO Localization. IEEE Signal Processing Letters, 2022, 29, 269-273.	3.6	4
3	Channel Estimation for Hybrid Massive MIMO Systems With Adaptive-Resolution ADCs. IEEE Transactions on Communications, 2022, 70, 2131-2146.	7.8	1
4	Joint Parameter and Time-Delay Estimation for a Class of Nonlinear Time-Series Models. IEEE Signal Processing Letters, 2022, 29, 947-951.	3.6	56
5	Energy-Efficient Resource Allocation for D2D-Assisted Fog Computing. IEEE Transactions on Green Communications and Networking, 2022, 6, 1990-2002.	5.5	5
6	Deep Learning-Based Hybrid Analog-Digital Signal Processing in mmWave Massive-MIMO Systems. IEEE Access, 2022, 10, 72348-72362.	4.2	3
7	Secure Beamforming for Cognitive Satellite Terrestrial Networks With Unknown Eavesdroppers. IEEE Systems Journal, 2021, 15, 2186-2189.	4.6	79
8	Secure and Energy Efficient Transmission for RSMA-Based Cognitive Satellite-Terrestrial Networks. IEEE Wireless Communications Letters, 2021, 10, 251-255.	5.0	137
9	Speech Enhancement With Phase Sensitive Mask Estimation Using a Novel Hybrid Neural Network. IEEE Open Journal of Signal Processing, 2021, 2, 136-150.	3.5	8
10	A Green Downlink Power Allocation Scheme for Cell-Free Massive MIMO Systems. IEEE Access, 2021, 9, 6498-6512.	4.2	6
11	A Distributed Pulse-Based Synchronization Protocol for Half-Duplex D2D Communications. IEEE Open Journal of the Communications Society, 2021, 2, 245-261.	6.9	4
12	Success-Probability-Based Power Allocation for Downlink PNC in Multi-way Relay Channels. , 2021, , .		0
13	A Novel Low-Complexity Attention-Driven Composite Model for Speech Enhancement. , 2021, , .		2
14	Secrecy-Energy Efficient Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. IEEE Transactions on Communications, 2021, 69, 6345-6360.	7.8	133
15	DNN-Based Calibrated-Filter Models for Speech Enhancement. Circuits, Systems, and Signal Processing, 2021, 40, 2926-2949.	2.0	4
16	Energy-Efficient User Clustering and Downlink Beamforming for MIMO-SCMA in C-RAN. IEEE Access, 2021, 9, 115175-115191.	4.2	5
17	All-Analog Structures for AF Relaying in mmWave Massive MIMO Systems. , 2021, , .		0
18	Energy-Efficient Resource Allocation for Latency-Sensitive Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 2246-2262.	6.3	40

#	Article	IF	Citations
19	Efficient Resource Allocation for Relay-Assisted Computation Offloading in Mobile-Edge Computing. IEEE Internet of Things Journal, 2020, 7, 2452-2468.	8.7	37
20	Generalized Framework for Hybrid Analog/Digital Signal Processing in Massive and Ultra-Massive-MIMO Systems. IEEE Access, 2020, 8, 100262-100279.	4.2	9
21	Secure Hybrid A/D Beamforming for Hardware-Efficient Large-Scale Multiple-Antenna SWIPT Systems. IEEE Transactions on Communications, 2020, 68, 6141-6156.	7.8	9
22	Padded Coprime Arrays for Improved DOA Estimation: Exploiting Hole Representation and Filling Strategies. IEEE Transactions on Signal Processing, 2020, 68, 4597-4611.	5.3	63
23	A hybrid speech enhancement system with DNN based speech reconstruction and Kalman filtering. Multimedia Tools and Applications, 2020, 79, 32643-32663.	3.9	2
24	Speech Separation Using a Composite Model for Complex Mask Estimation. , 2020, , .		2
25	Robust Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. , 2020, , .		4
26	Achieving Fully-Digital Performance by Hybrid Analog/Digital Beamforming in Wide-Band Massive-Mimo Systems. , 2020, , .		3
27	Two-Timescale Hybrid Analog-Digital Beamforming for mmWave Full-Duplex MIMO Multiple-Relay Aided Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2086-2103.	14.0	28
28	Energy-Efficient Group-Sparse Transceiver Design for Multiuser MIMO Relaying in C-RAN. IEEE Transactions on Green Communications and Networking, 2020, 4, 703-716.	5.5	1
29	A Novel Cooperative HARQ Protocol for Free-Space Optical Broadcasting Systems. Journal of Lightwave Technology, 2020, 38, 1789-1799.	4.6	8
30	Improving Caching Efficiency in Content-Aware C-RAN-Based Cooperative Beamforming: A Joint Design Approach. IEEE Transactions on Wireless Communications, 2020, 19, 4125-4140.	9.2	9
31	Switch-Based Hybrid Analog/Digital Channel Estimation for mmWave Massive MIMO. , 2020, , .		0
32	Joint Content Placement, RRH Clustering and Beamforming for Cache-Enabled Cloud-RAN. , 2019, , .		4
33	NOMAâ€based cooperative relaying for secondary transmission in cognitive radio networks. IET Communications, 2019, 13, 1840-1851.	2.2	13
34	Robust Joint Hybrid Transceiver Design for Millimeter Wave Full-Duplex MIMO Relay Systems. IEEE Transactions on Wireless Communications, 2019, 18, 1199-1215.	9.2	68
35	Novel Detection Methods for Zero-padded Single Carrier Spatial Modulation in Doubly Selective Channels. , 2019, , .		0
36	Design Criteria for Omnidirectional STBC in Massive MIMO Systems. IEEE Wireless Communications Letters, 2019, 8, 1435-1439.	5.0	12

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37	Self-regularized nonlinear diffusion algorithm based on levenberg gradient descent. Signal Processing, 2019, 163, 107-114.	3.7	10
38	A Deep Neural Network Based Kalman Filter for Time Domain Speech Enhancement. , 2019, , .		18
39	A Fully Convolutional Neural Network for Complex Spectrogram Processing in Speech Enhancement. , 2019, , .		35
40	Dynamic Resource Allocation for LTE-Based Vehicle-to-Infrastructure Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5017-5030.	6.3	15
41	Recurrent Neural Network-Based Dictionary Learning for Compressive Speech Sensing. Circuits, Systems, and Signal Processing, 2019, 38, 3616-3643.	2.0	6
42	Optimizing Transmission Rate in NOMA via Block Diagonalization Beamforming and Power Allocation. , 2019, , .		4
43	Extended Target Frequency Response Estimation Using Infinite Hmm in Cognitive Radars. , 2019, , .		1
44	Fully Distributed Energy-Efficient Synchronization for Half-duplex D2D Communications. , 2019, , .		3
45	Covariance‐free non‐homogeneity STAP detector in compound Gaussian clutter based on robust statistics. IET Radar, Sonar and Navigation, 2019, 13, 2107-2119.	1.8	6
46	Efficient Detection Scheme for Physical-Layer Network Coding in Multiway Relay Channels. IEEE Access, 2019, 7, 167639-167652.	4.2	3
47	Joint Beamforming and Jamming Design for mmWave Information Surveillance Systems. IEEE Journal on Selected Areas in Communications, 2018, 36, 1410-1425.	14.0	31
48	Joint Design of Beam Selection and Precoding Matrices for mmWave MU-MIMO Systems Relying on Lens Antenna Arrays. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 313-325.	10.8	28
49	A novel approach for ellipsoidal outer-approximation of the intersection region of ellipses in the plane. Computational Optimization and Applications, 2018, 69, 383-402.	1.6	0
50	Tracking Performance and Optimal Adaptation Step-Sizes of Diffusion-LMS Networks. IEEE Transactions on Control of Network Systems, 2018, 5, 67-78.	3.7	15
51	Efficient Group-Sparse Transceiver Design for Multiuser MIMO Relaying in C-RAN. , 2018, , .		1
52	A SUPERVISED MULTI-CHANNEL SPEECH ENHANCEMENT ALGORITHM BASED ON BAYESIAN NMF MODEL. , 2018, , .		1
53	Fast Converging Distributed Pulse-coupled Clock Synchronization for Half-duplex D2D Communications over Multipath Channels. , 2018, , .		3
54	NOISE-ADAPTIVE DEEP NEURAL NETWORK FOR SINGLE-CHANNEL SPEECH ENHANCEMENT. , 2018, , .		6

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55	Structured Dictionary Learning for Compressive Speech Sensing. , 2018, , .		0
56	A Low-Complexity Nonparametric STAP Detector. , 2018, , .		2
57	NMF-based speech enhancement using multitaper spectrum estimation. , 2018, , .		1
58	Distributed Nonlinear System Identification in <inline-formula> <tex-math notation="LaTeX">$alpha$ </tex-math> </inline-formula>-Stable Noise. IEEE Signal Processing Letters, 2018, 25, 979-983.	3.6	18
59	Joint frequency offset, time offset, and channel estimation for OFDM/OQAM systems. Eurasip Journal on Advances in Signal Processing, 2018, 2018, 4.	1.7	8
60	Low-Complexity Reduced-Dimension Spaceâ€"Time Adaptive Processing for Navigation Receivers. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 3160-3168.	4.7	5
61	Centralized Energy-Efficient Multiuser Multiantenna Relaying in Next-Generation Radio Access Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7913-7924.	6.3	7
62	Nonâ€linear transceiver design for secure communications with artificial noiseâ€assisted MIMO relay. IET Communications, 2017, 11, 930-935.	2.2	4
63	Realizing Fully Digital Precoders in Hybrid A/D Architecture With Minimum Number of RF Chains. IEEE Communications Letters, 2017, 21, 2310-2313.	4.1	12
64	Joint Transceiver Design for Secure Downlink Communications Over an Amplify-and-Forward MIMO Relay. IEEE Transactions on Communications, 2017, 65, 3691-3704.	7.8	25
65	Joint Transceiver Designs for Full-Duplex K -Pair MIMO Interference Channel With SWIPT. IEEE Transactions on Communications, 2017, 65, 890-905.	7.8	26
66	SIC aided physical-layer network coding for multi-way relay channels. , 2017, , .		2
67	On the use of distributed synchronization in 5G device-to-device networks. , 2017, , .		9
68	Nonlinear MIMO Transceivers Improve Wireless-Powered and Self-Interference-Aided Relaying. IEEE Transactions on Wireless Communications, 2017, 16, 6953-6966.	9.2	10
69	Single-channel enhancement of convolutive noisy speech based on a discriminative NMF algorithm. , 2017, , .		2
70	Joint Transceiver Design With Antenna Selection for Large-Scale MU-MIMO mmWave Systems. IEEE Journal on Selected Areas in Communications, 2017, 35, 2085-2096.	14.0	48
71	A Weighted Combining Algorithm for Spatial Multiplexing MIMO DF Relaying Systems. IEEE Transactions on Communications, 2017, 65, 4751-4764.	7.8	2
72	Joint design of beam selection and precoding for mmWave MU-MIMO systems with lens antenna array. , 2017, , .		4

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73	Steady-state analysis of the maximum correntropy Volterra filter with application to nonlinear channel equalization. , 2017, , .		2
74	UFMC-based wideband spectrum sensing for cognitive radio systems in non-Gaussian noise. , 2017, , .		3
75	Intercept probability-constrained secure MIMO AF relaying with arbitrarily distributed ECSI errors. , 2016, , .		1
76	Robust and secure beamformer design for MIMO relaying with imperfect eavesdropper CSI. , 2016, , .		0
77	A Weighted Combining Algorithm for Spatial Multiplexing MIMO DF Relaying Systems. , 2016, , .		1
78	Joint Secure AF Relaying and Artificial Noise Optimization: A Penalized Difference-of-Convex Programming Framework. IEEE Access, 2016, 4, 10076-10095.	4.2	5
79	Enhanced autonomous resource selection for LTE-based V2V communication. , 2016, , .		43
80	Recent Developments in Speech Enhancement in the Short-Time Fourier Transform Domain. IEEE Circuits and Systems Magazine, 2016, 16, 45-77.	2.3	55
81	Joint Transceiver Design Algorithms for Multiuser MISO Relay Systems with Energy Harvesting. IEEE Transactions on Communications, 2016, , 1-1.	7.8	22
82	Single channel speech enhancement using subband iterative Kalman filter. , 2016, , .		14
83	Speech dereverberation using linear prediction with estimation of early speech spectral variance. , 2016, , .		1
84	Joint transceiver designs for secure communications over MIMO relay. , 2016, , .		2
85	Basis compensation in non-negative matrix factorization model for speech enhancement. , 2016, , .		3
86	Low-complexity factor-graph-based MAP detector for filter bank multicarrier systems. Journal of Communications and Information Networks, 2016, 1, 10-22.	5.2	1
87	Discriminative Training of NMF Model Based on Class Probabilities for Speech Enhancement. IEEE Signal Processing Letters, 2016, 23, 502-506.	3.6	12
88	Diffusion LMS Strategies in Sensor Networks With Noisy Input Data. IEEE/ACM Transactions on Networking, 2016, 24, 3-14.	3.8	54
89	Tight Two-Dimensional Outer-Approximations of Feasible Sets in Wireless Sensor Networks. IEEE Communications Letters, 2016, 20, 570-573.	4.1	3
90	Diffusion Adaptation over Multi-Agent Networks with Wireless Link Impairments. IEEE Transactions on Mobile Computing, 2016, 15, 1362-1376.	5.8	23

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91	Security–Reliability Tradeoff Analysis of Multirelay-Aided Decode-and-Forward Cooperation Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 5825-5831.	6.3	44
92	Secure MIMO AF Relaying Design: An Intercept Probability Constrained Approach. , 2015, , .		3
93	On the use of a codebook-based modeling approach for Bayesian STSA speech enhancement. , 2015, , .		0
94	A new algorithm for noise PSD matrix estimation in multi-microphone speech enhancement based on recursive smoothing. , 2015, , .		2
95	Robust Transceiver Design for MISO Interference Channel with Energy Harvesting. , 2015, , .		4
96	Speech enhancement in modulation domain using codebook-based speech and noise estimation. , 2015, , .		1
97	Joint Carrier Frequency Offset, Sampling Time Offset and Channel Estimation for OFDM-OQAM Systems. , 2015, , .		5
98	MIMO AF relaying security: Robust transceiver design in the presence of multiple eavesdroppers. , 2015, , .		5
99	Semiblind Channel Estimation for OFDM/OQAM Systems. IEEE Signal Processing Letters, 2015, 22, 400-403.	3.6	19
100	Relay-Selection Improves the Security-Reliability Trade-Off in Cognitive Radio Systems. IEEE Transactions on Communications, 2015, 63, 215-228.	7.8	233
101	Centralized Adaptation for Parameter Estimation Over Wireless Sensor Networks. IEEE Communications Letters, 2015, 19, 1624-1627.	4.1	10
102	Tomlinson-Harashima precoding design in MIMO wiretap channels based on the MMSE criterion. , 2015, , .		9
103	Adaptive blind widely linear CCM reduced-rank beamforming for large-scale antenna arrays. , 2015, , .		2
104	Adaptive Reduced-Rank Receive Processing Based on Minimum Symbol-Error-Rate Criterion for Large-Scale Multiple-Antenna Systems. IEEE Transactions on Communications, 2015, 63, 4185-4201.	7.8	17
105	Sensor localization in NLOS environments with anchor uncertainty and unknown clock parameters. , 2015, , .		7
106	Joint Transceiver Optimization for MIMO Multiuser Relaying Networks with Channel Uncertainties. , 2014, , .		3
107	Min-max MSE transceiver with switched preprocessing for MIMO interference channels. , 2014, , .		5
108	Cooperative localization of mobile nodes in NLOS. , 2014, , .		4

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109	Complexity reduction techniques for blind adaptive beamforming in OFDM antenna arrays. , 2014, , .		1
110	Noise power spectral density matrix estimation based on modified IMCRA. , 2014, , .		2
111	Channel Estimation Using Subspace Decomposition for SC-FDMA Systems. , 2014, , .		2
112	Microphone array based speech spectral amplitude estimators with phase estimation. , 2014, , .		1
113	Regularized NMF-based speech enhancement with spectral components modeled by gaussian mixtures. , 2014, , .		2
114	Estimation of Space-Time Varying Parameters Using a Diffusion LMS Algorithm. IEEE Transactions on Signal Processing, 2014, 62, 403-418.	5.3	43
115	Distributed cooperative localization in wireless sensor networks without NLOS identification. , 2014, , .		12
116	A ML-Based Framework for Joint TOA/AOA Estimation of UWB Pulses in Dense Multipath Environments. IEEE Transactions on Wireless Communications, 2014, 13, 5305-5318.	9.2	15
117	Secure MIMO AF Relaying Design: An Intercept Probability Constrained Approach. , 2014, , .		0
118	A Low-Complexity Hybrid Framework for Combining-Type Non-regenerative MIMO Relaying. Wireless Personal Communications, 2013, 72, 635-652.	2.7	1
119	Joint Design of Multiple Non-Regenerative MIMO Relaying Matrices With Power Constraints. IEEE Transactions on Signal Processing, 2013, 61, 4861-4873.	5.3	14
120	Low-complexity variable forgetting factor constant modulus RLS-based algorithm for blind adaptive beamforming. , 2013, , .		2
121	Cooperative spectrum sensing based on the rao test in non-Gaussian noise environments. , 2013, , .		2
122	Low-complexity adaptive transceiver techniques for K-pair MIMO interference channels. , 2013, , .		0
123	A General Framework for Mixed-Domain Echo Cancellation in Discrete Multitone Systems. IEEE Transactions on Communications, 2013, 61, 769-780.	7.8	7
124	Subspace decomposition approach to multi-user MIMO channel estimation in SC-FDE systems. , 2013, , .		2
125	Subspace Decomposition for Channel Estimation in SC-FDE Systems. , 2013, , .		3
126	A joint localization and synchronization technique using time of arrival at multiple antenna receivers. , 2013, , .		2

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127	Linear transceiver design for relay-assisted broadcast systems with diagonal scaling. , 2013, , .		1
128	Diffusion LMS localization and tracking algorithm for wireless cellular networks. , 2013, , .		15
129	Diffusion LMS for source and process estimation in sensor networks. , 2012, , .		9
130	On the robustness of oversampled filter bank multi carrier systems against frequency offset. , 2012, , .		5
131	EM-based joint estimation and detection for multiple antenna cognitive radios. , 2012, , .		1
132	Cooperative Multiband Joint Detection With Correlated Spectral Occupancy in Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2012, 60, 2682-2687.	5.3	14
133	Multiband joint detection with correlated spectral occupancy in wideband cognitive radios. , 2012, , .		0
134	Blind Recursive Subspace-Based Identification of Time-Varying Wideband MIMO Channels. IEEE Transactions on Vehicular Technology, 2012, 61, 662-674.	6.3	9
135	Multidimensional STSA Estimators for Speech Enhancement With Correlated Spectral Components. IEEE Transactions on Signal Processing, 2011, 59, 3013-3024.	5.3	18
136	An adaptive energy detection technique applied to cognitive radio networks. , 2011, , .		4
137	Diffusion LMS algorithms for sensor networks over non-ideal inter-sensor wireless channels. , 2011, , .		26
138	Wideband Spectrum Sensing for Cognitive Radios With Correlated Subband Occupancy. IEEE Signal Processing Letters, 2011, 18, 35-38.	3.6	32
139	MMSE-Based Non-Regenerative Parallel MIMO Relaying with Simplified Receiver. , 2011, , .		2
140	Subspace-Based Blind Channel Estimation for MIMO-OFDM Systems With Reduced Time Averaging. IEEE Transactions on Vehicular Technology, 2010, 59, 1539-1544.	6.3	47
141	Comparative evaluation of the dual transform domain echo canceller for DMT-based systems. , 2010, , .		2
142	A family of Bayesian STSA estimators for the enhancement of speech with correlated frequency components. , 2010, , .		2
143	Dual domain echo cancellers for multirate discrete multitone systems. , 2010, , .		1
144	Non-regenerative MIMO relaying strategies — from single to multiple cooperative relays. , 2010, , .		5

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145	Distributed Blind Adaptive Algorithms Based on Constant Modulus for Wireless Sensor Networks. , 2010, , .		21
146	Dual Transform Domain Echo Canceller for Discrete Multitone Systems. , 2009, , .		3
147	Subspace tracking of fast time-varying channels in precoded MIMO-OFDM systems. , 2009, , .		5
148	Collaborative Uplink Transmit Beamforming With Robustness Against Channel Estimation Errors. IEEE Transactions on Vehicular Technology, 2009, 58, 126-139.	6.3	25
149	On convergence properties of subspace trackers based on orthogonal iteration. , 2009, , .		1
150	Constrained Adaptive Echo Cancellation for Discrete Multitone Systems. IEEE Transactions on Signal Processing, 2009, 57, 302-312.	5.3	6
151	Adaptive Training-Based Collaborative MIMO Beamforming for Multiuser Relay Networks. , 2009, , .		2
152	Bayesian spectral amplitude estimation for speech enhancement with correlated spectral components. , 2009, , .		2
153	A Subspace Method for the Blind Identification of Multiple Time-Varying FIR Channels. , 2009, , .		3
154	Generalized Bayesian Estimators of the Spectral Amplitude for Speech Enhancement. IEEE Signal Processing Letters, 2009, 16, 485-488.	3.6	17
155	A Noise-Robust FFT-Based Auditory Spectrum With Application in Audio Classification. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 137-150.	3.2	17
156	Auditory-Based Spectral Amplitude Estimators for Speech Enhancement. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 1614-1623.	3.2	43
157	Multistage MMSE PIC Space–Time Receiver With Non-Mutually Exclusive Grouping. IEEE Transactions on Vehicular Technology, 2008, 57, 2070-2080.	6.3	1
158	Crossing-point estimation for sampled random signals. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	0
159	Further studies of a FFT-based auditory spectrum with application in audio classification. , 2008, , .		3
160	Perceptually based speech enhancement using the weighted β-SA estimator. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	3
161	Cooperative MIMO-beamforming for multiuser relay networks. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	25
162	Subspace Blind MIMO-OFDM Channel Estimation with Short Averaging Periods: Performance Analysis. , 2008, , .		13

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163	Linearly Constrained Adaptive Echo Cancellation for Discrete Multitone Systems. , 2007, , .		1
164	One-Tap Equalizer for Perfect Reconstruction DFT Filter Bank Transceivers. , 2007, , .		3
165	Robust Channel Feedback for Collaborative Uplink Beamforming. , 2007, , .		1
166	Robust Transmit Beamforming for Collaborative MIMO-OFDM Systems. , 2007, , .		0
167	Semi-Blind Adaptive Beamforming for Cyclostationary Signals: A Kalman Filtering Approach. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	0
168	Decentralized Collaborative Uplink Beamforming with Robustness Against Channel Mismatches. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	1
169	Further Analysis of the β-Order MMSE STSA Estimator for Speech Enhancement. , 2007, , .		6
170	An Improved Implementation for an Auditory-Inspired FFT Model with Application in Audio Classification. , 2007, , .		0
171	Group-Based Space-Time Multiuser Detection with User Sharing. IEEE Transactions on Wireless Communications, 2007, 6, 2034-2039.	9.2	10
172	A Simplified Early Auditory Model with Application in Speech/Music Classification. , 2006, , .		5
173	A simplified early auditory model with application in audio classification. Canadian Journal of Electrical and Computer Engineering, 2006, 31, 185-189.	2.0	0
174	Group-Optimal Linear Space-Time Multiuser Detection. , 2006, , .		0
175	SPC11-3: Group-Based Block Linear Successive Interference Cancellation For DS-CDMA. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
176	Group-Based Linear Parallel Interference Cancellation for DS-CDMA Systems. , 2006, , .		1
177	A perceptual signal subspace approach for speech enhancement in colored noise. , 2002, , .		17