

Hing Cheung So

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

330
papers

7,594
citations

47
h-index

71
g-index

358
ext. papers

9,822
ext. citations

3.9
avg, IF

6.69
L-index

#	Paper	IF	Citations
330	Delayed Combination of Adaptive Filters in Colored Noise. <i>IEEE Transactions on Signal Processing</i> , 2022 , 1-1	4.8	
329	DOA Estimation of Mixed Circular and Noncircular Sources using Nonuniform Linear Array. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022 , 1-1	3.7	0
328	DOA Estimation of Coherent Sources using Coprime Array via Atomic Norm Minimization. <i>IEEE Signal Processing Letters</i> , 2022 , 1-1	3.2	2
327	Smart Antennas and Intelligent Sensors Based Systems: Enabling Technologies and Applications, 2020. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-3	1.9	0
326	Sum/Difference Pattern Synthesis with Dynamic Range Ratio Control for Arbitrary Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
325	Adaptive Frequency-Domain Normalized Implementations of Widely-Linear Complex-Valued Filter. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 5801-5814	4.8	3
324	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	5
323	Deep Convolutional Neural Network Compression via Coupled Tensor Decomposition. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 15, 603-616	7.5	1
322	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 15, 433-437	7.5	
321	A unified sparse array design framework for beam pattern synthesis. <i>Signal Processing</i> , 2021 , 182, 107930	4.4	4
320	Effect of Signal Propagation Model Calibration on Localization Performance Limits for Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3254-3268	9.6	2
319	Spectrally compatible aperiodic sequence set design with low cross- and auto-correlation PSL. <i>Signal Processing</i> , 2021 , 183, 107960	4.4	3
318	Data-Selective Least Squares Methods for Elliptic Localization With NLOS Mitigation 2021 , 5, 1-4		0
317	Symmetric Displaced Coprime Array Configurations for Mixed Near- and Far-Field Source Localization. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 465-477	4.9	22
316	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 57, 744-750	3.7	2
315	TDOA-based localization with NLOS mitigation via robust model transformation and neurodynamic optimization. <i>Signal Processing</i> , 2021 , 178, 107774	4.4	9
314	Fast and L2-optimal recovery for periodic nonuniformly sampled bandlimited signal. <i>Signal Processing</i> , 2021 , 180, 107856	4.4	0

313	FDA radar with doppler-spreading consideration: Mainlobe clutter suppression for blind-doppler target detection. <i>Signal Processing</i> , 2021 , 179, 107773	4.4	7
312	2-D Learned Proximal Gradient Algorithm for Fast Sparse Matrix Recovery. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1492-1496	3.5	3
311	Linear Arbitrary Array Pattern Synthesis With Shape Constraints and Excitation Range Control. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
310	Spectrally-Agile Waveform Design for Wideband MIMO Radar Transmit Beampattern Synthesis via Majorization-ADMM. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 1563-1578	4.8	7
309	Augmented Covariance Matrix Reconstruction for DOA Estimation Using Difference Coarray. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	14
308	A Unified Analytical Framework for RSS-based Localization Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	
307	Real-Valued Sparse Bayesian Learning for DOA Estimation With Arbitrary Linear Arrays. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 4977-4990	4.8	4
306	2-D Spatially Variant Motion Error Compensation for High-Resolution Airborne SAR Based on Range-Doppler Expansion Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	4
305	Exploiting Sparsity of Ranging Biases for NLOS Mitigation. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 3782-3795	4.8	4
304	Robust TDOA Source Localization Based on Lagrange Programming Neural Network. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 1090-1094	3.2	3
303	. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 3685-3698	4.8	
302	Dual-band signal reconstruction based on periodic nonuniform sampling at optimal sampling rate 2021 , 120, 103252		
301	Robust receiver for OFDM-DCSK modulation via rank-1 modeling and β -minimization. <i>Signal Processing</i> , 2021 , 188, 108219	4.4	
300	Coarray Interpolation for DOA Estimation Using Coprime EMVS Array. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 548-552	3.2	5
299	. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 680-684	3.2	11
298	Sparse Array Design for Adaptive Beamforming via Semidefinite Relaxation. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 925-929	3.2	2
297	Direction-of-Arrival Estimation of Coherent Signals via Coprime Array Interpolation. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 585-589	3.2	47
296	Second-order bandpass sampling with direct baseband signal reconstruction. <i>Signal Processing</i> , 2020 , 174, 107572	4.4	1

295	Learning Proximal Operator Methods for Nonconvex Sparse Recovery with Theoretical Guarantee. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 5244-5259	4.8	4
294	Tensor Decomposition-based Beamspace Esprit Algorithm for Multidimensional Harmonic Retrieval 2020 ,		5
293	Sparse Bayesian learning approach for baseline correction. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 204, 104088	3.8	4
292	Array Beampattern Synthesis Without Specifying Lobe Level Masks. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4526-4539	4.9	8
291	Reconfigurable Array Beampattern Synthesis via Conceptual Sensor Network Modeling and Computation. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4512-4525	4.9	5
290	Min-Max Metric for Spectrally Compatible Waveform Design Via Log-Exponential Smoothing. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 1075-1090	4.8	17
289	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 3326-3331	3.7	3
288	Robust MIMO radar target localization based on lagrange programming neural network. <i>Signal Processing</i> , 2020 , 174, 107574	4.4	12
287	Exponential sum approximation for Mittag-Leffler function and its application to fractional Zener wave equation. <i>Journal of Computational Physics</i> , 2020 , 410, 109389	4.1	4
286	Resolving Range Ambiguity via Multiple-Input Multiple-Output Radar With Element-Pulse Coding. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 2770-2783	4.8	14
285	Suppression of Mainbeam Deceptive Jammer With FDA-MIMO Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11584-11598	6.8	47
284	Minimum local peak sidelobe level waveform design with correlation and/or spectral constraints. <i>Signal Processing</i> , 2020 , 171, 107450	4.4	23
283	Coordinate descent algorithms for phase retrieval. <i>Signal Processing</i> , 2020 , 169, 107418	4.4	3
282	Quasi-Time-Invariant 3-D Focusing Beampattern Synthesis for Conformal Frequency Diverse Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2684-2697	4.9	8
281	Non-iterative and accurate frequency estimation of a single cisoid using two DFT coefficients 2020 , 98, 102652		3
280	A Hybrid TDOA-Fingerprinting-Based Localization System for LTE Network. <i>IEEE Sensors Journal</i> , 2020 , 20, 13653-13665	4	12
279	Diffusion Average-Estimate Bias-Compensated LMS Algorithms Over Adaptive Networks Using Noisy Measurements. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 4643-4655	4.8	4
278	Optimal Synthesis of Sum and Difference Beam Patterns With a Common Weight Vector for Symmetric and Asymmetric Antenna Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6982-6996	4.9	4

277	Robust DOA Estimation Against Mutual Coupling With Nested Array. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1360-1364	3.2	9
276	Target Localization With Jammer Removal Using Frequency Diverse Array. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11685-11696	6.8	22
275	Low-Complexity Decorrelation NLMS Algorithms: Performance Analysis and AEC Application. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 6621-6632	4.8	2
274	Focusing Hypersonic Vehicle-Borne SAR Data Using Radius/Angle Algorithm. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 281-293	8.1	10
273	Weakly Convex Regularized Robust Sparse Recovery Methods With Theoretical Guarantees. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 5046-5061	4.8	10
272	2019 ,		3
271	Spatial Smoothing PAST Algorithm for DOA Tracking Using Difference Coarray. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1623-1627	3.2	12
270	Non-Uniform Burst-Sparsity Learning for Massive MIMO Channel Estimation. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1075-1087	4.8	15
269	MIMO Radar Waveform Design for Quasi-Equiripple Transmit Beampattern Synthesis via Weighted ℓ_p -Minimization. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 3397-3411	4.8	25
268	. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 3592-3605	4.8	20
267	. <i>IEEE Access</i> , 2019 , 7, 55620-55630	3.5	4
266	A survey on 5G massive MIMO localization 2019 , 94, 21-28		38
265	Shaped Power Pattern Synthesis With Minimization of Dynamic Range Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3067-3078	4.9	19
264	Multiantenna Assisted Source Detection in Toeplitz Noise Covariance. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 813-817	3.2	2
263	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3139-3152	3.7	28
262	Selective Range Iterative Adaptive Approach for High-Resolution DOA Estimation. <i>IEEE Access</i> , 2019 , 7, 15634-15640	3.5	5
261	Robust STAP Based on Magnitude and Phase Constrained Iterative Optimization. <i>IEEE Sensors Journal</i> , 2019 , 19, 8650-8656	4	4
260	TOA-Based Localization With NLOS Mitigation via Robust Multidimensional Similarity Analysis. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1334-1338	3.2	13

259	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3603-3616	3.7	28
258	Robust adaptive beamforming using a novel signal power estimation algorithm 2019 , 95, 102574		10
257	Source Localization: Algorithms and Analysis 2019 , 59-106		9
256	Robust Elliptic Localization Using Worst-Case Formulation and Convex Approximation 2019 ,		2
255	Source localization using TDOA and FDOA measurements based on semidefinite programming and reformulation linearization. <i>Journal of the Franklin Institute</i> , 2019 , 356, 11817-11838	4	6
254	FDA-MIMO Signal Processing for Mainlobe Jammer Suppression 2019 ,		4
253	Two-Band Signal Reconstruction from Periodic Non-uniform Samples 2019 ,		1
252	Orthogonal tubal rank-1 tensor pursuit for tensor completion. <i>Signal Processing</i> , 2019 , 157, 213-224	4.4	13
251	Performance Analysis of Locally Most Powerful Invariant Test for Sphericity of Gaussian Vectors in Coherent MIMO Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 5868-5882	6.8	7
250	Processing of Long Integration Time Spaceborne SAR Data With Curved Orbit. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 888-904	8.1	9
249	Tensor Completion via Generalized Tensor Tubal Rank Minimization Using General Unfolding. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 868-872	3.2	13
248	Mixed far-field and near-field source localization based on subarray cross-cumulant. <i>Signal Processing</i> , 2018 , 150, 51-56	4.4	30
247	Robust Frequency Estimation in Symmetric (α)-Stable Noise. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 4637-4650	2.2	3
246	Coherent Pulsed-FDA Radar Receiver Design With Time-Variance Consideration: SINR and CRB Analysis. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 200-214	4.8	59
245	Sparse Bayesian Learning Approach for Outlier-Resistant Direction-of-Arrival Estimation. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 744-756	4.8	54
244	Circular/hyperbolic/elliptic localization via Euclidean norm elimination. <i>Signal Processing</i> , 2018 , 148, 102-113	4.13	20
243	. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 1125-1140	4.8	37
242	Range-angle-dependent beamforming with FDA using four-dimensional arrays. <i>Signal Processing</i> , 2018 , 147, 68-79	4.4	7

241	On optimizations with magnitude constraints on frequency or angular responses. <i>Signal Processing</i> , 2018 , 145, 214-224	4.4	15
240	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2333-2345	4.9	22
239	Approximate Asymptotic Distribution of Locally Most Powerful Invariant Test for Independence: Complex Case. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 1784-1799	2.8	6
238	Sparsity-aware transmit beamspace design for FDA-MIMO radar. <i>Signal Processing</i> , 2018 , 144, 99-103	4.4	89
237	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 467-475	3.7	19
236	Augmented Lagrange Programming Neural Network for Localization Using Time-Difference-of-Arrival Measurements. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3879-3884	10.3	18
235	A Family of Adaptive Decorrelation NLMS Algorithms and Its Diffusion Version Over Adaptive Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 638-649	3.9	20
234	Sparse Recovery Conditions and Performance Bounds for ℓ_p -Minimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 5014-5028	4.8	9
233	Beampattern synthesis with minimal dynamic range ratio. <i>Signal Processing</i> , 2018 , 152, 411-416	4.4	12
232	Focusing High-Resolution Highly-Squinted Airborne SAR Data with Maneuvers. <i>Remote Sensing</i> , 2018 , 10, 862	5	11
231	Tensor Completion Using Kronecker Rank-1 Tensor Train With Application to Visual Data Inpainting. <i>IEEE Access</i> , 2018 , 6, 47804-47814	3.5	4
230	Large-Scale Robust Beamforming via ℓ_{∞} -Minimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 3824-3837	4.8	8
229	Ellipse fitting via low-rank generalized multidimensional scaling matrix recovery. <i>Multidimensional Systems and Signal Processing</i> , 2018 , 29, 49-75	1.8	4
228	Robust Harmonic Retrieval via Block Successive Upper-Bound Minimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 6310-6324	4.8	10
227	Efficient Beamspace-Based Algorithm for Two-Dimensional DOA Estimation of Incoherently Distributed Sources in Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 11776-11789	6.8	48
226	Mainlobe Deceptive Jammer Suppression with FDA-MIMO Radar 2018 ,		17
225	Spectrally Constrained Unimodular Sequence Design Without Spectral Level Mask. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 1004-1008	3.2	16
224	MIMO radar OFDM chirp waveform diversity design with sparse modeling and joint optimization. <i>Multidimensional Systems and Signal Processing</i> , 2017 , 28, 237-249	1.8	5

223	Sparse and Truncated Nuclear Norm Based Tensor Completion. <i>Neural Processing Letters</i> , 2017 , 45, 729-743	4.3	10
222	Multi-dimensional sinusoidal order estimation using angles between subspaces 2017 , 64, 17-27		1
221	Off-grid DOA estimation with nonconvex regularization via joint sparse representation. <i>Signal Processing</i> , 2017 , 140, 171-176	4.4	40
220	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 2671-2689	3.7	1
219	Robust Matrix Completion via Alternating Projection. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 579-583	3.2	26
218	Maximum Likelihood TDOA Estimation From Compressed Sensing Samples Without Reconstruction. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 564-568	3.2	20
217	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2017 , 11, 228-246	7.5	108
216	Comments on "Fractional LMS algorithm" <i>Signal Processing</i> , 2017 , 133, 219-226	4.4	13
215	Optimum time delay estimation for complex-valued stationary signals. <i>Signal Processing</i> , 2017 , 131, 434-440	4.4	5
214	Robust Adaptive Beamforming for Fast-Moving Target Detection With FDA-STAP Radar. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 973-984	4.8	50
213	Direction-of-arrival estimation in nonuniform noise via low-rank matrix decomposition 2017 ,		3
212	Variance Analysis for Least β -Norm Estimator in Mixture of Generalized Gaussian Noise. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2017 , E100.A, 1226-1230	9.4	1
211	Outlier-Robust Greedy Pursuit Algorithms in ℓ_{p} -Space for Sparse Approximation. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 60-75	4.8	42
210	Accurate asymptotic analysis for John's test in multichannel signal detection 2016 ,		1
209	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5367-5381	4.8	87
208	Phase Retrieval Using Feasible Point Pursuit: Algorithms and Cramér-Rao Bound. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5282-5296	4.8	18
207	New Approaches to Direction-of-Arrival Estimation With Sensor Arrays in Unknown Nonuniform Noise. <i>IEEE Sensors Journal</i> , 2016 , 16, 8982-8989	4	25
206	A robust beamformer with main beam control 2016 ,		5

205	Robust adaptive beamforming with random steering vector mismatch. <i>Signal Processing</i> , 2016 , 129, 190-194	4.4	18
204	Space-Time Adaptive Processing With Vertical Frequency Diverse Array for Range-Ambiguous Clutter Suppression. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 5352-5364	8.1	62
203	Variance analysis of unbiased least β -norm estimator in non-Gaussian noise. <i>Signal Processing</i> , 2016 , 122, 190-203	4.4	15
202	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1714-1728	4.8	18
201	Robust MIMO radar target localization via nonconvex optimization. <i>Signal Processing</i> , 2016 , 122, 33-38	4.4	42
200	Lagrange Programming Neural Network Approach for Target Localization in Distributed MIMO Radar. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1574-1585	4.8	55
199	Detection of number of components in CANDECOMP/PARAFAC models via minimum description length 2016 , 51, 110-123		27
198	Multidimensional folding for sinusoidal order selection 2016 , 48, 349-360		1
197	Target estimation in bistatic MIMO radar via tensor completion. <i>Signal Processing</i> , 2016 , 120, 654-659	4.4	15
196	Least squares phase retrieval using feasible point pursuit 2016 ,		3
195	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 4127-4137	4.8	36
194	Square-Root Lasso With Nonconvex Regularization: An ADMM Approach. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 934-938	3.2	19
193	Improved Kalman-based attitude estimation framework for UAVs via an antenna array 2016 , 59, 49-65		6
192	Underdetermined DOA Estimation for Wideband Signals Using Robust Sparse Covariance Fitting. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 435-439	3.2	57
191	. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 192-205	4.8	23
190	Weighted least squares algorithm for target localization in distributed MIMO radar. <i>Signal Processing</i> , 2015 , 115, 144-150	4.4	74
189	Robust Multi-Dimensional Harmonic Retrieval Using Iteratively Reweighted HOSVD. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 2464-2468	3.2	9
188	Robust Matched Filtering in ℓ_p -Space. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 6184-6199	4.8	12

187	An Eigenvalue-Moment-Ratio Approach to Blind Spectrum Sensing for Cognitive Radio Under Sample-Starving Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 3465-3480	6.8	39
186	A novel worst-case robust beamformer based on interference-plus-noise covariance reconstruction and uncertainty level estimation 2015 ,		1
185	Interpolation array technique for direction finding via Taylor series fitting 2015 ,		1
184	Tensor-MODE for multi-dimensional harmonic retrieval with coherent sources. <i>Signal Processing</i> , 2015 , 108, 530-534	4.4	33
183	Underdetermined DOA estimation of quasi-stationary signals via Khatri-Rao structure for uniform circular array. <i>Signal Processing</i> , 2015 , 106, 41-48	4.4	30
182	Utilizing Principal Singular Vectors for 2D DOA Estimation in Single Snapshot Case with Uniform Rectangular Array. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-6	1.2	2
181	Joint Range and Angle Estimation Using MIMO Radar With Frequency Diverse Array. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 3396-3410	4.8	213
180	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2015 , 9, 1377-1386	7.5	47
179	Deceptive jamming suppression with frequency diverse MIMO radar. <i>Signal Processing</i> , 2015 , 113, 9-17	4.4	95
178	Accurate Performance Analysis of Hadamard Ratio Test for Robust Spectrum Sensing. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 750-758	9.6	18
177	Impaired Sensor Diagnosis, Beamforming, and DOA Estimation With Difference Co-Array Processing. <i>IEEE Sensors Journal</i> , 2015 , 15, 3773-3780	4	35
176	Localization of coherent signals without source number knowledge in unknown spatially correlated Gaussian noise. <i>Signal Processing</i> , 2015 , 111, 170-178	4.4	12
175	Shrinkage Linear and Widely Linear Complex-Valued Least Mean Squares Algorithms for Adaptive Beamforming. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 119-131	4.8	49
174	. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 1834-1849	4.8	34
173	Transmit Subaperturing for Range and Angle Estimation in Frequency Diverse Array Radar. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 2000-2011	4.8	192
172	. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 1879-1893	4.8	31
171	Nonuniform Frequency Diverse Array for Range-Angle Imaging of Targets. <i>IEEE Sensors Journal</i> , 2014 , 14, 2469-2476	4	75
170	Density parameter estimation for additive Cauchy-Gaussian mixture 2014 ,		1

169	Gerschgorin disk-based robust spectrum sensing for cognitive radio 2014 ,		5
168	Multidimensional scaling approach for node localization using received signal strength measurements 2014 , 34, 39-47		6
167	Approximate Subspace-Based Iterative Adaptive Approach for Fast Two-Dimensional Spectral Estimation. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 3220-3231	4.8	7
166	Improved Unitary Root-MUSIC for DOA Estimation Based on Pseudo-Noise Resampling. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 140-144	3.2	51
165	β -norm based iterative adaptive approach for robust spectral analysis. <i>Signal Processing</i> , 2014 , 94, 144-148	4.8	16
164	Underdetermined direction-of-departure and direction-of-arrival estimation in bistatic multiple-input multiple-output radar. <i>Signal Processing</i> , 2014 , 104, 284-290	4.4	10
163	Accurate parameter estimation for unbalanced three-phase system. <i>Scientific World Journal, The</i> , 2014 , 2014, 539420	2.2	4
162	Joint angle and frequency estimation using structured least squares 2014 ,		4
161	Sparse constraint affine projection algorithm with parallel implementation and application in compressive sensing 2014 ,		5
160	Truncated nuclear norm minimization for tensor completion 2014 ,		4
159	Lagrange programming neural networks for time-of-arrival-based source localization. <i>Neural Computing and Applications</i> , 2014 , 24, 109-116	4.8	26
158	Volume-based method for spectrum sensing 2014 , 28, 48-56		29
157	Parametric Modeling for Damped Sinusoids From Multiple Channels. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 3895-3907	4.8	12
156	A new constrained weighted least squares algorithm for TDOA-based localization. <i>Signal Processing</i> , 2013 , 93, 2872-2878	4.4	73
155	Multidimensional prewhitening for enhanced signal reconstruction and parameter estimation in colored noise with Kronecker correlation structure. <i>Signal Processing</i> , 2013 , 93, 3209-3226	4.4	14
154	Subspace techniques for multidimensional model order selection in colored noise. <i>Signal Processing</i> , 2013 , 93, 1976-1987	4.4	11
153	ℓ_p -MUSIC: Robust Direction-of-Arrival Estimator for Impulsive Noise Environments. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 4296-4308	4.8	99
152	Semi-Blind Receivers for Joint Symbol and Channel Estimation in Space-Time-Frequency MIMO-OFDM Systems. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 5444-5457	4.8	37

151	Source Enumeration Via MDL Criterion Based on Linear Shrinkage Estimation of Noise Subspace Covariance Matrix. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 4806-4821	4.8	66
150	Tensor Approach for Eigenvector-Based Multi-Dimensional Harmonic Retrieval. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 3378-3388	4.8	20
149	A flexible semi-definite programming approach for source localization problems 2013 , 23, 601-609		17
148	Simple Formulae for Bias and Mean Square Error Computation [DSP Tips and Tricks]. <i>IEEE Signal Processing Magazine</i> , 2013 , 30, 162-165	9.4	38
147	An ℓ_1 -norm minimization approach to time delay estimation in impulsive noise 2013 , 23, 1247-1254		24
146	Core consistency diagnostic aided by reconstruction error for accurate enumeration of the number of components in parafac models 2013 ,		7
145	Angle-of-arrival localization of an emitter from air platforms 2013 ,		2
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12	Comparison of various periodograms for single tone detection and frequency estimation		6
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5	Adaptive time delay estimation with noise suppression for sinusoidal signals	1
4	Joint time delay and frequency estimation of multiple sinusoids	10
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2	Adaptive time delay estimation for sinusoidal signal	2
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