

Hing Cheung So

List of Publications by Citations

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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	Least squares algorithms for time-of-arrival-based mobile location. <i>IEEE Transactions on Signal Processing</i> , 2004 , 52, 1121-1128	4.8	335
329	Time-of-arrival based localization under NLOS conditions. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 17-24	6.8	295
328	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
327	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
326	Linear Least Squares Approach for Accurate Received Signal Strength Based Source Localization. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 4035-4040	4.8	155
325	A Constrained Least Squares Approach to Mobile Positioning: Algorithms and Optimality. <i>Eurasip Journal on Advances in Signal Processing</i> , 2006 , 2006, 1	1.9	136
324	A fast algorithm for 2-D direction-of-arrival estimation. <i>Signal Processing</i> , 2003 , 83, 1827-1831	4.4	122
323	A multidimensional scaling framework for mobile location using time-of-arrival measurements. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 460-470	4.8	119
322	. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 752-763	4.8	111
321	Non-Line-of-Sight Node Localization Based on Semi-Definite Programming in Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 108-116	9.6	109
320	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2017 , 11, 228-246	7.5	108
319	Analysis and spectral characteristics of a spread-spectrum technique for conducted EMI suppression. <i>IEEE Transactions on Power Electronics</i> , 2000 , 15, 399-410	7.2	108
318	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
317	Deceptive jamming suppression with frequency diverse MIMO radar. <i>Signal Processing</i> , 2015 , 113, 9-17	4.4	95
316	Sparsity-aware transmit beamspace design for FDA-MIMO radar. <i>Signal Processing</i> , 2018 , 144, 99-103	4.4	89
315	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5367-5381	4.8	87
314	A comparative study of carrier-frequency modulation techniques for conducted EMI suppression in PWM converters. <i>IEEE Transactions on Industrial Electronics</i> , 2002 , 49, 618-627	8.9	82

313	Closed-Form Formulae for Time-Difference-of-Arrival Estimation. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 2614-2620	4.8	76
312	Nonuniform Frequency Diverse Array for Range-Angle Imaging of Targets. <i>IEEE Sensors Journal</i> , 2014 , 14, 2469-2476	4	75
311	Linear prediction approach for efficient frequency estimation of multiple real sinusoids: algorithms and analyses. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 2290-2305	4.8	75
310	. <i>IEEE Transactions on Signal Processing</i> , 1994 , 42, 1816-1820	4.8	75
309	Weighted least squares algorithm for target localization in distributed MIMO radar. <i>Signal Processing</i> , 2015 , 115, 144-150	4.4	74
308	A new constrained weighted least squares algorithm for TDOA-based localization. <i>Signal Processing</i> , 2013 , 93, 2872-2878	4.4	73
307	Best linear unbiased estimator approach for time-of-arrival based localisation. <i>IET Signal Processing</i> , 2008 , 2, 156	1.7	67
306	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
305	Efficient Weighted Multidimensional Scaling for Wireless Sensor Network Localization. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 4548-4553	4.8	64
304	A comparative investigation on the use of random modulation schemes for DC/DC converters. <i>IEEE Transactions on Industrial Electronics</i> , 2000 , 47, 253-263	8.9	64
303	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
302	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
301	Exploiting Reactive Mobility for Collaborative Target Detection in Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2010 , 9, 317-332	4.6	59
300	Underdetermined DOA Estimation for Wideband Signals Using Robust Sparse Covariance Fitting. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 435-439	3.2	57
299	Accurate frequency estimation for real harmonic sinusoids. <i>IEEE Signal Processing Letters</i> , 2004 , 11, 609-612	6.12	57
298	A Generalized Subspace Approach for Mobile Positioning With Time-of-Arrival Measurements. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 5103-5107	4.8	56
297	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
296	Semidefinite Programming Approach for Range-Difference Based Source Localization. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 1630-1633	4.8	55

295	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
294	Accurate approximation algorithm for TOA-based maximum likelihood mobile location using semidefinite programming		52
293	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
292	A generalized weighted linear predictor frequency estimation approach for a complex sinusoid. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 1304-1315	4.8	51
291	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
290	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
289	A study of two-dimensional sensor placement using time-difference-of-arrival measurements 2009 , 19, 650-659		48
288	Efficient Beam-space-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
287	Direction-of-Arrival Estimation of Coherent Signals via Coprime Array Interpolation. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 585-589	3.2	47
286	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2015 , 9, 1377-1386	7.5	47
285	On wavelet denoising and its applications to time delay estimation. <i>IEEE Transactions on Signal Processing</i> , 1999 , 47, 2879-2882	4.8	47
284	Suppression of Mainbeam Deceptive Jammer With FDA-MIMO Radar. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11584-11598	6.8	47
283	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1999 , 35, 945-952	3.7	45
282	Source Localization: Algorithms and Analysis 2011 , 25-66		43
281	Simple and Accurate Two-Dimensional Angle Estimation for a Single Source With Uniform Circular Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008 , 7, 78-80	3.8	43
280	Reformulation of Pisarenko harmonic decomposition method for single-tone frequency estimation. <i>IEEE Transactions on Signal Processing</i> , 2004 , 52, 1128-1135	4.8	43
279	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
278	Robust MIMO radar target localization via nonconvex optimization. <i>Signal Processing</i> , 2016 , 122, 33-38	4.4	42

277	Off-grid DOA estimation with nonconvex regularization via joint sparse representation. <i>Signal Processing</i> , 2017 , 140, 171-176	4.4	40
276	Accurate Distributed Range-Based Positioning Algorithm for Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 4100-4105	4.8	40
275	Passive Localization of Near-Field Sources With a Polarization Sensitive Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2402-2408	4.9	40
274	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
273	An Efficient Approach for Two-Dimensional Parameter Estimation of a Single-Tone. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 1999-2009	4.8	39
272	An Improved DV-Hop Localization Algorithm with Reduced Node Location Error for Wireless Sensor Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2008 , E91-A, 2232-2236	0.4	39
271	A survey on 5G massive MIMO localization 2019 , 94, 21-28		38
270	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
269	. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 1125-1140	4.8	37
268	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
267	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 4127-4137	4.8	36
266	Impaired Sensor Diagnosis, Beamforming, and DOA Estimation With Difference Co-Array Processing. <i>IEEE Sensors Journal</i> , 2015 , 15, 3773-3780	4	35
265	. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 1834-1849	4.8	34
264	MMSE-Based MDL Method for Robust Estimation of Number of Sources Without Eigendecomposition. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 4135-4142	4.8	34
263	Tensor-MODE for multi-dimensional harmonic retrieval with coherent sources. <i>Signal Processing</i> , 2015 , 108, 530-534	4.4	33
262	Accurate time delay estimation based passive localization. <i>Signal Processing</i> , 2009 , 89, 1835-1838	4.4	32
261	Received signal strength based mobile positioning via constrained weighted least squares		32
260	Joint time delay and frequency estimation via state-space realization. <i>IEEE Signal Processing Letters</i> , 2003 , 10, 339-342	3.2	32

259	. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 1879-1893	4.8	31
258	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
257	Mixed far-field and near-field source localization based on subarray cross-cumulant. <i>Signal Processing</i> , 2018 , 150, 51-56	4.4	30
256	. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 5077-5088	4.8	30
255	Volume-based method for spectrum sensing 2014 , 28, 48-56		29
254	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3139-3152	3.7	28
253	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3603-3616	3.7	28
252	Maximum A Posteriori Approach to Time-of-Arrival-Based Localization in Non-Line-of-Sight Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 1517-1523	6.8	28
251	An improved DV-Hop localization algorithm for wireless sensor networks 2008 ,		28
250	Novel Centroid Localization Algorithm for Three-Dimensional Wireless Sensor Networks 2008 ,		28
249	Accurate three-step algorithm for joint source position and propagation speed estimation. <i>Signal Processing</i> , 2007 , 87, 3096-3100	4.4	28
248	A comparative study of three recursive least-squares algorithms for single-tone frequency tracking. <i>Signal Processing</i> , 2003 , 83, 2059-2062	4.4	28
247	Detection of number of components in CANDECOMP/PARAFAC models via minimum description length 2016 , 51, 110-123		27
246	Robust Matrix Completion via Alternating Projection. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 579-583	3.2	26
245	Lagrange programming neural networks for time-of-arrival-based source localization. <i>Neural Computing and Applications</i> , 2014 , 24, 109-116	4.8	26
244	. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 260-269	4.8	26
243	Two Simplified Recursive Gauss-Newton Algorithms for Direct Amplitude and Phase Tracking of a Real Sinusoid. <i>IEEE Signal Processing Letters</i> , 2007 , 14, 972-975	3.2	26
242	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

241	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
240	A comparative study of two discrete-time phase delay estimators. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2005 , 54, 2501-2504	5.2	25
239	An -norm minimization approach to time delay estimation in impulsive noise 2013 , 23, 1247-1254		24
238	. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 192-205	4.8	23
237	MMSE-Based MDL Method for Accurate Source Number Estimation. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 798-801	3.2	23
236	Adaptive algorithm for direct frequency estimation. <i>IET Radar, Sonar & Navigation</i> , 2004 , 151, 359		23
235	Time-delay estimation for sinusoidal signals. <i>IET Radar, Sonar & Navigation</i> , 2001 , 148, 318		23
234	Minimum local peak sidelobe level waveform design with correlation and/or spectral constraints. <i>Signal Processing</i> , 2020 , 171, 107450	4.4	23
233	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2333-2345	4.9	22
232	Mobile Scheduling for Spatiotemporal Detection in Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2010 , 21, 1851-1866	3.7	22
231	Adaptive algorithm for sinusoidal interference cancellation. <i>Electronics Letters</i> , 1997 , 33, 1910	1.1	22
230	Particle Filtering Based Approach for Landmine Detection Using Ground Penetrating Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 3739-3755	8.1	22
229	Subspace-Based Algorithm for Parameter Estimation of Polynomial Phase Signals. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 4977-4983	4.8	22
228	Two-stage autocorrelation approach for accurate single sinusoidal frequency estimation. <i>Signal Processing</i> , 2008 , 88, 1852-1857	4.4	22
227	Target Localization With Jammer Removal Using Frequency Diverse Array. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11685-11696	6.8	22
226	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
225	Subspace Approach for Fast and Accurate Single-Tone Frequency Estimation. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 827-831	4.8	21
224	. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1285-1292	5.9	21

223	Maximum Likelihood TDOA Estimation From Compressed Sensing Samples Without Reconstruction. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 564-568	3.2	20
222	. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 3592-3605	4.8	20
221	Circular/hyperbolic/elliptic localization via Euclidean norm elimination. <i>Signal Processing</i> , 2018 , 148, 102-113	4.13	20
220	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
219	Tensor Approach for Eigenvector-Based Multi-Dimensional Harmonic Retrieval. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 3378-3388	4.8	20
218	LMS-based algorithm for unbiased FIR filtering with noisy measurements. <i>Electronics Letters</i> , 2001 , 37, 1418	1.1	20
217	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
216	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 467-475	3.7	19
215	An exact analysis of Pisarenko's single-tone frequency estimation algorithm. <i>Signal Processing</i> , 2003 , 83, 685-690	4.4	19
214	Square-Root Lasso With Nonconvex Regularization: An ADMM Approach. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 934-938	3.2	19
213	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
212	Phase Retrieval Using Feasible Point Pursuit: Algorithms and Cram�er-Rao Bound. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5282-5296	4.8	18
211	Robust adaptive beamforming with random steering vector mismatch. <i>Signal Processing</i> , 2016 , 129, 190-194	4.4	18
210	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1714-1728	4.8	18
209	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
208	Modified Pisarenko Harmonic Decomposition for Single-Tone Frequency Estimation. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 3351-3356	4.8	18
207	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
206	A flexible semi-definite programming approach for source localization problems 2013 , 23, 601-609		17

205	Convergence Analysis for Initial Condition Estimation in Coupled Map Lattice Systems. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 4426-4432	4.8	17
204	Sum Capacity of One-Sided Parallel Gaussian Interference Channels. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 468-472	2.8	17
203	Mobility-Assisted Spatiotemporal Detection in Wireless Sensor Networks 2008 ,		17
202	On time delay estimation using an FIR filter. <i>Signal Processing</i> , 2001 , 81, 1777-1782	4.4	17
201	Mainlobe Deceptive Jammer Suppression with FDA-MIMO Radar 2018 ,		17
200	β -norm based iterative adaptive approach for robust spectral analysis. <i>Signal Processing</i> , 2014 , 94, 144-148	4.4	16
199	Multidimensional Sinusoidal Frequency Estimation Using Subspace and Projection Separation Approaches. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 5536-5543	4.8	16
198	Comparative study of five LMS-based adaptive time delay estimators. <i>IET Radar, Sonar & Navigation</i> , 2001 , 148, 9		16
197	. <i>IEEE Journal of Oceanic Engineering</i> , 1994 , 19, 458-463	3.3	16
196	Spectrally Constrained Unimodular Sequence Design Without Spectral Level Mask. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 1004-1008	3.2	16
195	Non-Uniform Burst-Sparsity Learning for Massive MIMO Channel Estimation. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1075-1087	4.8	15
194	On optimizations with magnitude constraints on frequency or angular responses. <i>Signal Processing</i> , 2018 , 145, 214-224	4.4	15
193	Variance analysis of unbiased least β -norm estimator in non-Gaussian noise. <i>Signal Processing</i> , 2016 , 122, 190-203	4.4	15
192	Target estimation in bistatic MIMO radar via tensor completion. <i>Signal Processing</i> , 2016 , 120, 654-659	4.4	15
191	Range-based source localisation with pure reflector in presence of multipath propagation. <i>Electronics Letters</i> , 2010 , 46, 957	1.1	15
190	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2009 , 45, 1111-1125	3.7	15
189	Cooperative Node Localization for Mobile Sensor Networks 2008 ,		15
188	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

187	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
186	Collaborative Target Detection in Wireless Sensor Networks with Reactive Mobility. <i>IEEE International Workshop on Quality of Service</i> , 2008 ,		14
185	Augmented Covariance Matrix Reconstruction for DOA Estimation Using Difference Coarray. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	14
184	Tensor Completion via Generalized Tensor Tubal Rank Minimization Using General Unfolding. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 868-872	3.2	13
183	TOA-Based Localization With NLOS Mitigation via Robust Multidimensional Similarity Analysis. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1334-1338	3.2	13
182	Comments on Fractional LMS algorithm. <i>Signal Processing</i> , 2017 , 133, 219-226	4.4	13
181	Efficient Approach for Sinusoidal Frequency Estimation of Gapped Data. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 611-614	3.2	13
180	Approximate Maximum-Likelihood Algorithms for Two-Dimensional Frequency Estimation of a Complex Sinusoid. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 3231-3237	4.8	13
179	Noisy input-output system identification approach for time delay estimation. <i>Signal Processing</i> , 2002 , 82, 1471-1475	4.4	13
178	Orthogonal tubal rank-1 tensor pursuit for tensor completion. <i>Signal Processing</i> , 2019 , 157, 213-224	4.4	13
177	Spatial Smoothing PAST Algorithm for DOA Tracking Using Difference Coarray. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1623-1627	3.2	12
176	Robust Matched Filtering in ℓ_p -Space. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 6184-6199	4.8	12
175	Robust MIMO radar target localization based on lagrange programming neural network. <i>Signal Processing</i> , 2020 , 174, 107574	4.4	12
174	Beam pattern synthesis with minimal dynamic range ratio. <i>Signal Processing</i> , 2018 , 152, 411-416	4.4	12
173	Parametric Modeling for Damped Sinusoids From Multiple Channels. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 3895-3907	4.8	12
172	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
171	Adaptive multiple-beamformers for reception of coherent signals with known directions in the presence of uncorrelated interferences. <i>Signal Processing</i> , 2004 , 84, 1861-1873	4.4	12
170	Modified LMS algorithm for unbiased impulse response estimation in nonstationary noise. <i>Electronics Letters</i> , 1999 , 35, 791	1.1	12

169	An improvement to the explicit time delay estimator		12
168	A Hybrid TDOA-Fingerprinting-Based Localization System for LTE Network. <i>IEEE Sensors Journal</i> , 2020 , 20, 13653-13665	4	12
167	. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 680-684	3.2	11
166	Focusing High-Resolution Highly-Squinted Airborne SAR Data with Maneuvers. <i>Remote Sensing</i> , 2018 , 10, 862	5	11
165	Subspace techniques for multidimensional model order selection in colored noise. <i>Signal Processing</i> , 2013 , 93, 1976-1987	4.4	11
164	Analysis of an LMS algorithm for unbiased impulse response estimation. <i>IEEE Transactions on Signal Processing</i> , 2003 , 51, 2008-2013	4.8	11
163	Joint time delay and pitch estimation for speaker localization		11
162	Sparse and Truncated Nuclear Norm Based Tensor Completion. <i>Neural Processing Letters</i> , 2017 , 45, 729-743	7.4	10
161	Weakly Convex Regularized Robust Sparse Recovery Methods With Theoretical Guarantees. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 5046-5061	4.8	10
160	Robust adaptive beamforming using a novel signal power estimation algorithm 2019 , 95, 102574		10
159	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
158	Model-Based Speech Enhancement With Improved Spectral Envelope Estimation via Dynamics Tracking. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012 , 20, 1324-1336		10
157	Joint time delay and frequency estimation of multiple sinusoids		10
156	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
155	Robust Harmonic Retrieval via Block Successive Upper-Bound Minimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 6310-6324	4.8	10
154	Robust Multi-Dimensional Harmonic Retrieval Using Iteratively Reweighted HOSVD. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 2464-2468	3.2	9
153	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
152	Sparse Recovery Conditions and Performance Bounds for ℓ_1 -Minimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 5014-5028	4.8	9

151	Approximate maximum likelihood delay estimation via orthogonal wavelet transform. <i>IEEE Transactions on Signal Processing</i> , 1999 , 47, 1193-1198	4.8	9
150	A comparative study of using random switching schemes for DC/DC converters 1999 ,		9
149	Robust DOA Estimation Against Mutual Coupling With Nested Array. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1360-1364	3.2	9
148	Source Localization: Algorithms and Analysis 2019 , 59-106		9
147	TDOA-based localization with NLOS mitigation via robust model transformation and neurodynamic optimization. <i>Signal Processing</i> , 2021 , 178, 107774	4.4	9
146	Array Beampattern Synthesis Without Specifying Lobe Level Masks. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4526-4539	4.9	8
145	Large-Scale Robust Beamforming via ℓ_{∞} -Minimization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 3824-3837	4.8	8
144	Performance analysis of ETDGE An efficient and unbiased TDOA estimator. <i>IET Radar, Sonar & Navigation</i> , 1998 , 145, 325		8
143	Generalized two-sided linear prediction approach for land mine detection. <i>Signal Processing</i> , 2008 , 88, 1053-1060	4.4	8
142	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2003 , 39, 777-785	3.7	8
141	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
140	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
139	Range-angle-dependent beamforming with FDA using four-dimensional arrays. <i>Signal Processing</i> , 2018 , 147, 68-79	4.4	7
138	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
137	Core consistency diagnostic aided by reconstruction error for accurate enumeration of the number of components in parafac models 2013 ,		7
136	Joint DOA and fundamental frequency estimation based on relaxed iterative adaptive approach and optimal filtering 2013 ,		7
135	Semi-definite programming approach to sensor network node localization with anchor position uncertainty 2009 ,		7
134	New Adaptive Algorithm for Delay Estimation of Sinusoidal Signals. <i>IEEE Signal Processing Letters</i> , 2007 , 14, 984-987	3.2	7

133	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2002 , 38, 301-307	3-7	7
132	FDA radar with doppler-spreading consideration: Mainlobe clutter suppression for blind-doppler target detection. <i>Signal Processing</i> , 2021 , 179, 107773	4-4	7
131	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
130	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
129	Multidimensional scaling approach for node localization using received signal strength measurements 2014 , 34, 39-47		6
128	Comparison of various periodograms for single tone detection and frequency estimation		6
127	Adaptive algorithm for direct estimation of sinusoidal frequency. <i>Electronics Letters</i> , 2000 , 36, 759	1-1	6
126	Spectral characteristics of randomly switched PWM DC/DC converters operating in discontinuous conduction mode. <i>IEEE Transactions on Industrial Electronics</i> , 2000 , 47, 759-769	8-9	6
125	Fast algorithm for nonstationary delay estimation. <i>Electronics Letters</i> , 1998 , 34, 722	1-1	6
124	Improved Kalman-based attitude estimation framework for UAVs via an antenna array 2016 , 59, 49-65		6
123	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
122	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
121	Selective Range Iterative Adaptive Approach for High-Resolution DOA Estimation. <i>IEEE Access</i> , 2019 , 7, 15634-15640	3-5	5
120	Tensor Decomposition-based Beamspace Esprit Algorithm for Multidimensional Harmonic Retrieval 2020 ,		5
119	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
118	A robust beamformer with main beam control 2016 ,		5
117	Gerschgorin disk-based robust spectrum sensing for cognitive radio 2014 ,		5
116	Optimum time delay estimation for complex-valued stationary signals. <i>Signal Processing</i> , 2017 , 131, 434-440	4-4	5

115	Sparse constraint affine projection algorithm with parallel implementation and application in compressive sensing 2014 ,		5
114	Non-Line-of-Sight Mobile Positioning Using Factor Graphs. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 5279-5283	6.8	5
113	Improvement of TDOA measurement using wavelet denoising with a novel thresholding technique		5
112	Effective beamformer for coherent signal reception. <i>Electronics Letters</i> , 2003 , 39, 949	1.1	5
111	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2001 , 37, 978-988	3.7	5
110	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	5
109	Coarray Interpolation for DOA Estimation Using Coprime EMVS Array. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 548-552	3.2	5
108	. <i>IEEE Access</i> , 2019 , 7, 55620-55630	3.5	4
107	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
106	Sparse Bayesian learning approach for baseline correction. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 204, 104088	3.8	4
105	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
104	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
103	Robust STAP Based on Magnitude and Phase Constrained Iterative Optimization. <i>IEEE Sensors Journal</i> , 2019 , 19, 8650-8656	4	4
102	Accurate parameter estimation for unbalanced three-phase system. <i>Scientific World Journal, The</i> , 2014 , 2014, 539420	2.2	4
101	Joint angle and frequency estimation using structured least squares 2014 ,		4
100	Truncated nuclear norm minimization for tensor completion 2014 ,		4
99	A closed form solution to semi-blind joint symbol and channel estimation in MIMO-OFDM systems 2012 ,		4
98	Passive Range-Difference Estimation in a Dispersive Medium. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 1433-1439	4.8	4

97	Joint time-delay and frequency estimation using parallel factor analysis. <i>Signal Processing</i> , 2009 , 89, 1667-1670	4.4	4
96	Structured total least squares approach for efficient frequency estimation. <i>Signal Processing</i> , 2011 , 91, 1043-1047	4.4	4
95	A complex-valued semidefinite relaxation approach for two-dimensional source localization using distance measurements and imperfect receiver positions 2012 ,		4
94	Sign algorithm for unbiased IIR filtering in impulsive noise. <i>Electronics Letters</i> , 2004 , 40, 704	1.1	4
93	Target localisation in presence of multipaths. <i>Electronics Letters</i> , 1993 , 29, 293	1.1	4
92	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
91	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
90	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
89	A unified sparse array design framework for beampattern synthesis. <i>Signal Processing</i> , 2021 , 182, 107930	4.4	4
88	FDA-MIMO Signal Processing for Mainlobe Jammer Suppression 2019 ,		4
87	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
86	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
85	Exploiting Sparsity of Ranging Biases for NLOS Mitigation. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 3782-3795	4.8	4
84	Ellipse fitting via low-rank generalized multidimensional scaling matrix recovery. <i>Multidimensional Systems and Signal Processing</i> , 2018 , 29, 49-75	1.8	4
83	2019 ,		3
82	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 3326-3331	3.7	3
81	Robust Frequency Estimation in Symmetric (α)-Stable Noise. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 4637-4650	2.2	3
80	Direction-of-arrival estimation in nonuniform noise via low-rank matrix decomposition 2017 ,		3

79	Efficient parameter estimation of multiple damped sinusoids by combining subspace and weighted least squares techniques 2012 ,		3
78	Two stage DOA and fundamental frequency estimation based on subspace techniques 2012 ,		3
77	Utilizing principal singular vectors for two-dimensional single frequency estimation 2010 ,		3
76	Improvement to esprit-type frequency estimators via reducing data redundancy 2011 ,		3
75	Theoretical study of impact localisation limits in tangible acoustic interface applications. <i>Electronics Letters</i> , 2009 , 45, 856	1.1	3
74	Speech enhancement in car noise environment based on an analysis-synthesis approach using harmonic noise model 2009 ,		3
73	Iterative quadratic maximum likelihood based estimator for a biased sinusoid. <i>Signal Processing</i> , 2010 , 90, 2083-2086	4.4	3
72	Adaptive cancellation of multiple interfering sinusoids. <i>Electronics Letters</i> , 1998 , 34, 2301	1.1	3
71	A novel constrained algorithm for delay estimation in the presence of multipath transmissions 1993 ,		3
70	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
69	Coordinate descent algorithms for phase retrieval. <i>Signal Processing</i> , 2020 , 169, 107418	4.4	3
68	Non-iterative and accurate frequency estimation of a single cisoid using two DFT coefficients 2020 , 98, 102652		3
67	Spectrally compatible aperiodic sequence set design with low cross- and auto-correlation PSL. <i>Signal Processing</i> , 2021 , 183, 107960	4.4	3
66	Least squares phase retrieval using feasible point pursuit 2016 ,		3
65	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
64	Robust TDOA Source Localization Based on Lagrange Programming Neural Network. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 1090-1094	3.2	3
63	Multiantenna Assisted Source Detection in Toeplitz Noise Covariance. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 813-817	3.2	2
62	Sparse Array Design for Adaptive Beamforming via Semidefinite Relaxation. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 925-929	3.2	2

61	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
60	Angle-of-arrival localization of an emitter from air platforms 2013 ,		2
59	A multi-dimensional model order selection criterion with improved identifiability 2012 ,		2
58	Evaluation of various FFT methods for single tone detection and frequency estimation		2
57	Mobility-Assisted Position Estimation in Wireless Sensor Networks 2008 ,		2
56	Mobility-assisted cooperative localization scheme for wireless sensor networks 2008 ,		2
55	Unbiased equation-error based algorithms for efficient system identification using noisy measurements. <i>Signal Processing</i> , 2007 , 87, 1014-1030	4.4	2
54	The sequence as a complex network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 5653-5661	3.5	2
53	A Novel Subspace Approach for Wireless Sensor Network Positioning with Range Measurements 2007 ,		2
52	A closed form frequency estimator for a noisy sinusoid		2
51	Two discrete-time phase delay estimators 2003 ,		2
50	LMS algorithm for unbiased parameter estimation of noisy autoregressive signals. <i>Electronics Letters</i> , 2001 , 37, 536	1.1	2
49	Spectral characteristics of random carrier frequency switching in off-line switched mode power supply 1999 ,		2
48	Comparison of DDE and ETDGE for time-varying delay estimation. <i>Electronics Letters</i> , 1999 , 35, 1994	1.1	2
47	Adaptive time delay estimation for sinusoidal signal		2
46	Low-Complexity Decorrelation NLMS Algorithms: Performance Analysis and AEC Application. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 6621-6632	4.8	2
45	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
44	Maximum Correntropy Criterion for Robust TOA-Based Localization in NLOS Environments. <i>Circuits, Systems, and Signal Processing</i> , 1	2.2	2

43	Robust Elliptic Localization Using Worst-Case Formulation and Convex Approximation 2019 ,		2
42	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 57, 744-750	3.7	2
41	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
40	DOA Estimation of Coherent Sources using Coprime Array via Atomic Norm Minimization. <i>IEEE Signal Processing Letters</i> , 2022 , 1-1	3.2	2
39	Multi-dimensional sinusoidal order estimation using angles between subspaces 2017 , 64, 17-27		1
38	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 2671-2689	3.7	1
37	A novel worst-case robust beamformer based on interference-plus-noise covariance reconstruction and uncertainty level estimation 2015 ,		1
36	Interpolation array technique for direction finding via Taylor series fitting 2015 ,		1
35	Second-order bandpass sampling with direct baseband signal reconstruction. <i>Signal Processing</i> , 2020 , 174, 107572	4.4	1
34	Accurate asymptotic analysis for John's test in multichannel signal detection 2016 ,		1
33	Multidimensional folding for sinusoidal order selection 2016 , 48, 349-360		1
32	Density parameter estimation for additive Cauchy-Gaussian mixture 2014 ,		1
31	Improved Single-Tone Frequency Estimation by Averaging and Weighted Linear Prediction. <i>ETRI Journal</i> , 2011 , 33, 27-31	1.4	1
30	Fast algorithm for three-dimensional single near-field source localization with uniform circular array 2011 ,		1
29	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2011 , 47, 2254-2261	3.7	1
28	Accurate and Simple Estimator for Lossy Wave Equation. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 790-793	3.2	1
27	Semidefinite Programming for Approximate Maximum Likelihood Sinusoidal Parameter Estimation. <i>Eurasip Journal on Advances in Signal Processing</i> , 2009 , 2009,	1.9	1
26	A generalized equalization-based algorithm for multipath time delay estimation		1

25	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1997 , 33, 1071-1076	3.7	1
24	On particle filters for landmine detection using impulse ground penetrating radar 2008 ,		1
23	A Novel Iterative Approach for Complex Single-Tone Frequency Estimation		1
22	On a hybrid beamforming/space-time coding scheme. <i>IEEE Communications Letters</i> , 2004 , 8, 15-17	3.8	1
21	Least mean square algorithm for unbiased impulse response estimation		1
20	Adaptive time delay estimation with noise suppression for sinusoidal signals		1
19	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	0.4	1
18	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
17	Two-Band Signal Reconstruction from Periodic Non-uniform Samples 2019 ,		1
16	Adaptive TDOA estimation in presence of impulsive noise. <i>Electronics Letters</i> , 1998 , 34, 1455	1.1	0
15	Data-Selective Least Squares Methods for Elliptic Localization With NLOS Mitigation 2021 , 5, 1-4		0
14	Fast and L2-optimal recovery for periodic nonuniformly sampled bandlimited signal. <i>Signal Processing</i> , 2021 , 180, 107856	4.4	0
13	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
12	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
11	On Optimum Single-Tone Frequency Estimation Using Non-uniform Samples. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2011 , E94-A, 823-825	0.4	
10	Maximum Likelihood Parameter Estimator for a Nonuniformly-Sampled Real Sinusoid. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2010 , E93-A, 1813-1815	0.4	
9	Semi-Definite Programming for Real Root Finding. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2010 , E93-A, 636-639	0.4	
8	Time Delay Estimator Based on Frequency Estimation Approach. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2010 , E93-A, 1248-1250	0.4	

- 7 2-D Frequency Estimation of Multiple Damped Sinusoids Using Subspace and Projection Separation Approaches. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2011**, E94-A, 1842-1846 0.4
- 6 . *IEEE Journal on Selected Topics in Signal Processing*, **2021**, 15, 433-437 7.5
- 5 A Unified Analytical Framework for RSS-based Localization Systems. *IEEE Internet of Things Journal*, **2021**, 1-1 10.7
- 4 . *IEEE Transactions on Signal Processing*, **2021**, 69, 3685-3698 4.8
- 3 Dual-band signal reconstruction based on periodic nonuniform sampling at optimal sampling rate **2021**, 120, 103252
- 2 Robust receiver for OFDM-DCSK modulation via rank-1 modeling and β -minimization. *Signal Processing*, **2021**, 188, 108219 4.4
- 1 Delayed Combination of Adaptive Filters in Colored Noise. *IEEE Transactions on Signal Processing*, **2022**, 1-1 4.8