LjubiÅ¡a StankoviÄ‡

List of Publications by Year
in descending order

241 papers	6,422 citations

71061
41 h-index

95218
68 g-index

243 all docs	243 docs citations

243 times ranked

2309 citing authors

#	Article	IF	Citations
1	A measure of some time–frequency distributions concentration. Signal Processing, 2001, 81, 621-631.	2.1	331
2	A method for time-frequency analysis. IEEE Transactions on Signal Processing, 1994, 42, 225-229.	3.2	326
3	Fractional Fourier transform as a signal processing tool: An overview of recent developments. Signal Processing, 2011, 91, 1351-1369.	2.1	298
4	Instantaneous frequency estimation using the Wigner distribution with varying and data-driven window length. IEEE Transactions on Signal Processing, 1998, 46, 2315-2325.	3.2	199
5	An algorithm for the Wigner distribution based instantaneous frequency estimation in a high noise environment. Signal Processing, 2004, 84, 631-643.	2.1	149
6	Instantaneous frequency in time–frequency analysis: Enhanced concepts and performance of estimation algorithms. , 2014, 35, 1-13.		138
7	Compressive Sensing Based Separation of Nonstationary and Stationary Signals Overlapping in Time-Frequency. IEEE Transactions on Signal Processing, 2013, 61, 4562-4572.	3.2	127
8	Missing samples analysis in signals for applications to L-estimation and compressive sensing. Signal Processing, 2014, 94, 401-408.	2.1	123
9	Separation of target rigid body and micro-doppler effects in ISAR imaging. IEEE Transactions on Aerospace and Electronic Systems, 2006, 42, 1496-1506.	2.6	118
10	Synchrosqueezing-based time-frequency analysis of multivariate data. Signal Processing, 2015, 106, 331-341.	2.1	116
11	Micro-Doppler-based target detection and feature extraction in indoor and outdoor environments. Journal of the Franklin Institute, 2008, 345, 700-722.	1.9	109
12	Signal Decomposition by Using the S-Method With Application to the Analysis of HF Radar Signals in Sea-Clutter. IEEE Transactions on Signal Processing, 2006, 54, 4332-4342.	3.2	90
13	Robust L-estimation based forms of signal transforms and time-frequency representations. IEEE Transactions on Signal Processing, 2003, 51, 1753-1761.	3.2	86
14	An automated signal reconstruction method based on analysis of compressive sensed signals in noisy environment. Signal Processing, 2014, 104, 43-50.	2.1	85
15	Time–frequency signal analysis based on the windowed fractional Fourier transform. Signal Processing, 2003, 83, 2459-2468.	2.1	81
16	Time–frequency analysis of multiple resonances in combustion engine signals. Signal Processing, 1999, 79, 15-28.	2.1	79
17	An analysis of instantaneous frequency representation using time-frequency distributions-generalized Wigner distribution. IEEE Transactions on Signal Processing, 1995, 43, 549-552.	3.2	78
18	Performance of quadratic time~frequency distributions as instantaneous frequency estimators. IEEE Transactions on Signal Processing, 2003, 51, 77-89.	3.2	78

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19	A multitime definition of the Wigner higher order distribution: L-Wigner distribution. IEEE Signal Processing Letters, 1994, 1, 106-109.	2.1	75
20	Auto-term representation by the reduced interference distributions: a procedure for kernel design. IEEE Transactions on Signal Processing, 1996, 44, 1557-1563.	3.2	74
21	Micro-Doppler Removal in the Radar Imaging Analysis. IEEE Transactions on Aerospace and Electronic Systems, 2013, 49, 1234-1250.	2.6	71
22	Adaptive variable step algorithm for missing samples recovery in sparse signals. IET Signal Processing, 2014, 8, 246-256.	0.9	71
23	Algorithm for the instantaneous frequency estimation using time-frequency distributions with adaptive window width. IEEE Signal Processing Letters, 1998, 5, 224-227.	2.1	69
24	Robust Time-Frequency Analysis Based on the L-Estimation and Compressive Sensing. IEEE Signal Processing Letters, 2013, 20, 499-502.	2.1	68
25	Quasi€maximum€likelihood estimator of polynomial phase signals. IET Signal Processing, 2014, 8, 347-359.	0.9	67
26	A method for improved distribution concentration in the time-frequency analysis of multicomponent signals using the L-Wigner distribution. IEEE Transactions on Signal Processing, 1995, 43, 1262-1268.	3.2	65
27	Quantitative Performance Analysis of Scalogram as Instantaneous Frequency Estimator. IEEE Transactions on Signal Processing, 2008, 56, 3837-3845.	3.2	63
28	The Wigner distribution of noisy signals with adaptive time-frequency varying window. IEEE Transactions on Signal Processing, 1999, 47, 1099-1108.	3.2	62
29	Multiwindow S-method for instantaneous frequency estimation and its application in radar signal analysis. IET Signal Processing, 2010, 4, 363.	0.9	60
30	Inverse radon transform–based micro-doppler analysis from a reduced set of observations. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 1155-1169.	2.6	60
31	From the STFT to the Wigner Distribution [Lecture Notes]. IEEE Signal Processing Magazine, 2014, 31, 163-174.	4.6	58
32	STFT-based estimator of polynomial phase signals. Signal Processing, 2012, 92, 2769-2774.	2.1	57
33	Time-frequency decomposition of multivariate multicomponent signals. Signal Processing, 2018, 142, 468-479.	2.1	54
34	Understanding the Basis of Graph Signal Processing via an Intuitive Example-Driven Approach [Lecture Notes]. IEEE Signal Processing Magazine, 2019, 36, 133-145.	4.6	53
35	SAR imaging of moving targets using polynomial Fourier transform. IET Signal Processing, 2008, 2, 237.	0.9	52
36	Time-frequency distributions with complex argument. IEEE Transactions on Signal Processing, 2002, 50, 475-486.	3.2	51

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37	Signal reconstruction from two close fractional fourier power spectra. IEEE Transactions on Signal Processing, 2003, 51, 112-123.	3.2	50
38	An analysis of some time-frequency and time-scale distributions. Annales Des Telecommunications/Annals of Telecommunications, 1994, 49, 505.	1.6	48
39	A Tutorial on Sparse Signal Reconstruction and Its Applications in Signal Processing. Circuits, Systems, and Signal Processing, 2019, 38, 1206-1263.	1.2	48
40	Robust Wigner distribution with application to the instantaneous frequency estimation. IEEE Transactions on Signal Processing, 2001, 49, 2985-2993.	3.2	47
41	Real-time motion compensation, image formation and image enhancement of moving targets in ISAR and SAR using S-method-based approach. IET Signal Processing, 2008, 2, 247.	0.9	47
42	Performance Analysis of the Adaptive Algorithm for Bias-to-Variance Tradeoff. IEEE Transactions on Signal Processing, 2004, 52, 1228-1234.	3.2	46
43	Vertex-Frequency Analysis: A Way to Localize Graph Spectral Components [Lecture Notes]. IEEE Signal Processing Magazine, 2017, 34, 176-182.	4.6	46
44	An architecture for the realization of a system for time-frequency signal analysis. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 1997, 44, 600-604.	2.3	45
45	Influence of high noise on the instantaneous frequency estimation using quadratic time-frequency distributions. IEEE Signal Processing Letters, 2000, 7, 317-319.	2.1	45
46	Space/spatial-frequency analysis based filtering. IEEE Transactions on Signal Processing, 2000, 48, 2343-2352.	3.2	42
47	Mutual interference and low probability of interception capabilities of noise radar. IET Radar, Sonar and Navigation, 2008, 2, 294-305.	0.9	42
48	On the Wigner distribution of discrete-time noisy signals with application to the study of quantization effects. IEEE Transactions on Signal Processing, 1994, 42, 1863-1867.	3.2	41
49	Further results on the minimum variance time-frequency distribution kernels. IEEE Transactions on Signal Processing, 1997, 45, 1650-1655.	3.2	41
50	Periodogram with varying and data-driven window length. Signal Processing, 1998, 67, 345-358.	2.1	40
51	On rotated time-frequency kernels. IEEE Signal Processing Letters, 2002, 9, 378-381.	2.1	40
52	Instantaneous Frequency Estimation Using the ${m S}$-Transform. IEEE Signal Processing Letters, 2008, 15, 309-312.	2.1	40
53	Median filter based realizations of the robust time-frequency distributions. Signal Processing, 2001, 81, 1771-1776.	2.1	39
54	Adaptive Local Polynomial Fourier Transform in ISAR. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	39

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55	Relationship between the robust statistics theory and sparse compressive sensed signals reconstruction. IET Signal Processing, 2014, 8, 223-229.	0.9	39
56	Performance of spectrogram as IF estimator. Electronics Letters, 2001, 37, 797.	0.5	38
57	On the local frequency, group shift, and cross-terms in some multidimensional time-frequency distributions: a method for multidimensional time-frequency analysis. IEEE Transactions on Signal Processing, 1995, 43, 1719-1724.	3.2	37
58	ISAR image analysis and recovery with unavailable or heavily corrupted data. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2093-2106.	2.6	37
59	L-class of time-frequency distributions. IEEE Signal Processing Letters, 1996, 3, 22-25.	2.1	36
60	On the time-frequency analysis based filtering. Annales Des Telecommunications/Annals of Telecommunications, 2000, 55, 216-225.	1.6	36
61	Highly concentrated time-frequency distributions: pseudo quantum signal representation. IEEE Transactions on Signal Processing, 1997, 45, 543-551.	3.2	35
62	Wigner distribution of noisy signals. IEEE Transactions on Signal Processing, 1993, 41, 956-960.	3.2	34
63	Introducing time-frequency distribution with a 'complex-time' argument. Electronics Letters, 1996, 32, 1265.	0.5	33
64	Generalized Representation of Phase Derivatives for Regular Signals. IEEE Transactions on Signal Processing, 2007, 55, 4831-4838.	3.2	33
65	Local Polynomial Fourier Transform Receiver for Nonstationary Interference Excision in DSSS Communications. IEEE Transactions on Signal Processing, 2008, 56, 1627-1636.	3.2	33
66	An architecture for the vlsi design of systems for time-frequency analysis and time-varying filtering. Annales Des Telecommunications/Annals of Telecommunications, 2002, 57, 974-995.	1.6	32
67	Data Analytics on Graphs Part III: Machine Learning on Graphs, from Graph Topology to Applications. Foundations and Trends in Machine Learning, 2020, 13, 332-530.	46.6	32
68	Time–frequency representation based on the reassigned S-method. Signal Processing, 1999, 77, 115-120.	2.1	31
69	Instantaneous frequency estimation using higher order L-Wigner distributions with data-driven order and window length. IEEE Transactions on Information Theory, 2000, 46, 302-311.	1.5	31
70	Order Adaptive Local Polynomial FT Based Interference Rejection in Spread Spectrum Communication Systems. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 2156-2162.	2.4	31
71	Self-Matching CAM: A Novel Accurate Visual Explanation of CNNs for SAR Image Interpretation. Remote Sensing, 2021, 13, 1772.	1.8	31
72	Analysis of the Reconstruction of Sparse Signals in the DCT Domain Applied to Audio Signals. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1220-1235.	4.0	30

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73	Local polynomial Wigner distribution. Signal Processing, 1997, 59, 123-128.	2.1	28
74	On the realization of the polynomial Wigner-Ville distribution for multicomponent signals. IEEE Signal Processing Letters, 1998, 5, 157-159.	2.1	28
75	Polynomial Fourier domain as a domain of signal sparsity. Signal Processing, 2017, 130, 243-253.	2.1	28
76	Introduction to Graph Signal Processing. Signals and Communication Technology, 2019, , 3-108.	0.4	28
77	Modification of the ICI Rule-Based IF Estimator for High Noise Environments. IEEE Transactions on Signal Processing, 2004, 52, 2655-2661.	3.2	27
78	Analysis of noise in time-frequency distributions. IEEE Signal Processing Letters, 2002, 9, 286-289.	2.1	26
79	Multiple-Clock-Cycle Architecture for the VLSI Design of a System for Time-Frequency Analysis. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	26
80	Data Analytics on Graphs Part I: Graphs and Spectra on Graphs. Foundations and Trends in Machine Learning, 2020, 13, 1-157.	46.6	25
81	A virtual instrument for time-frequency analysis. IEEE Transactions on Instrumentation and Measurement, 1999, 48, 1086-1092.	2.4	24
82	Autofocusing of SAR images based on parameters estimated from the PHAF. Signal Processing, 2010, 90, 1382-1391.	2.1	24
83	On the decomposition of multichannel nonstationary multicomponent signals. Signal Processing, 2020, 167, 107261.	2.1	24
84	Unified approach to noise analysis in the Wigner distribution and spectrogram. Annales Des Telecommunications/Annals of Telecommunications, 1996, 51, 585.	1.6	23
85	Special purpose hardware for time frequency analysis. Electronics Letters, 1997, 33, 464.	0.5	23
86	Micro-Doppler parameter estimation from a fraction of the period. IET Signal Processing, 2010, 4, 201.	0.9	23
87	Timeâ€"frequency-based non-stationary interference suppression for noise radar systems. IET Radar, Sonar and Navigation, 2008, 2, 306-314.	0.9	21
88	Separation and reconstruction of the rigid body and microâ€Doppler signal in ISAR part I â€" theory. IET Radar, Sonar and Navigation, 2015, 9, 1147-1154.	0.9	21
89	Data Analytics on Graphs Part II: Signals on Graphs. Foundations and Trends in Machine Learning, 2020, 13, 158-331.	46.6	21
90	Genetic algorithm for rigid body reconstruction after micro-Doppler removal in the radar imaging analysis. Signal Processing, 2013, 93, 1921-1932.	2.1	20

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91	Vertex-frequency graph signal processing: A comprehensive review. , 2020, 107, 102802.		20
92	Sensor array signal tracking using a data-driven window approach. Signal Processing, 2000, 80, 2507-2515.	2.1	18
93	An Approach to Optimal Watermark Detection. AEU - International Journal of Electronics and Communications, 2003, 57, 355-357.	1.7	18
94	On a Gradient-Based Algorithm for Sparse Signal Reconstruction in the Signal/Measurements Domain. Mathematical Problems in Engineering, 2016, 2016, 1-11.	0.6	18
95	Instantaneous frequency estimation by using the Wigner distribution and linear interpolation. Signal Processing, 2003, 83, 483-491.	2.1	17
96	On the S-method based instantaneous frequency estimation. , 2003, , .		17
97	Reconstruction of Sparse Signals in Impulsive Disturbance Environments. Circuits, Systems, and Signal Processing, 2017, 36, 767-794.	1.2	17
98	Realization of robust filters in the frequency domain. IEEE Signal Processing Letters, 2002, 9, 333-335.	2.1	16
99	Cubic-phase function evaluation for multicomponent signals with application to SAR imaging. IET Signal Processing, 2010, 4, 371.	0.9	16
100	Timeâ€"frequency-based detection of fast manoeuvring targets. IET Signal Processing, 2010, 4, 287.	0.9	16
101	Finite word-length effects in implementation of distributions for time-frequency signal analysis. IEEE Transactions on Signal Processing, 1998, 46, 2035-2040.	3.2	15
102	Estimation of sinusoidally modulated signal parameters based on the inverse Radon transform. , 2013, , .		15
103	Single-iteration algorithm for compressive sensing reconstruction. , 2013, , .		14
104	Compressive Sensing Approach in the Hermite Transform Domain. Mathematical Problems in Engineering, 2015, 2015, 1-9.	0.6	14
105	On the Uniqueness of the Sparse Signals Reconstruction Based on the Missing Samples Variation Analysis. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	14
106	Local Smoothness of Graph Signals. Mathematical Problems in Engineering, 2019, 2019, 1-14.	0.6	14
107	Nonsparsity influence on the ISAR recovery from reduced data [Correspondence]. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 3065-3070.	2.6	13
108	Vertex-Frequency Energy Distributions. IEEE Signal Processing Letters, 2018, 25, 358-362.	2.1	13

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109	On the Errors in Randomly Sampled Nonsparse Signals Reconstructed With a Sparsity Assumption. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2453-2456.	1.4	13
110	An analysis of the Wigner higher order spectra of multicomponent signals. Annales Des Telecommunications/Annals of Telecommunications, 1994, 49, 132-136.	1.6	12
111	Time-Frequency Detection Using Gabor Filter Bank and Viterbi Based Grouping Algorithm. , 0, , .		12
112	Separation and reconstruction of the rigid body and microâ€Doppler signal in ISAR part II â€" statistical analysis. IET Radar, Sonar and Navigation, 2015, 9, 1155-1161.	0.9	12
113	Demystifying the Coherence Index in Compressive Sensing [Lecture Notes]. IEEE Signal Processing Magazine, 2020, 37, 152-162.	4.6	12
114	Relationship between the ambiguity function coordinate transformations and the fractional Fourier transform. Annales Des Telecommunications/Annals of Telecommunications, 1998, 53, 316-319.	1.6	11
115	Estimates of the Wigner Distribution in Gaussian Noise Environment. AEU - International Journal of Electronics and Communications, 2002, 56, 337-340.	1.7	11
116	Analysis of polynomial FM signals corrupted by heavy-tailed noise. Signal Processing, 2004, 84, 69-75.	2.1	11
117	Editorial: Time-Frequency Approach to Radar Detection, Imaging, and Classification. IET Signal Processing, 2010, 4, 325.	0.9	11
118	A time-frequency distribution concentrated along the instantaneous frequency. IEEE Signal Processing Letters, 1996, 3, 89-91.	2.1	10
119	Adaptive S-Method for SAR/ISAR Imaging. Eurasip Journal on Advances in Signal Processing, 2007, 2008, .	1.0	10
120	Method for non-stationary jammer suppression in noise radar systems. IET Signal Processing, 2010, 4, 305.	0.9	10
121	A parametric method for non-stationary interference suppression in direct sequence spread-spectrum systems. Signal Processing, 2011, 91, 1425-1431.	2.1	10
122	XWD-algorithm for the instantaneous frequency estimation revisited: Statistical analysis. Signal Processing, 2014, 94, 642-649.	2.1	10
123	Robust timeâ€"frequency representation based on the signal normalization and concentration measures. Signal Processing, 2014, 104, 424-431.	2.1	10
124	Quantization in Compressive Sensing: A Signal Processing Approach. IEEE Access, 2020, 8, 50611-50625.	2.6	10
125	An approach to variable step-size LMS algorithm. Electronics Letters, 2002, 38, 927.	0.5	9
126	Adaptive windowed Fourier transform. Signal Processing, 2003, 83, 91-100.	2.1	9

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127	Bit error probability approximation for short-time Fourier transform based nonstationary interference excision in DS-SS systems. Signal Processing, 2009, 89, 2178-2184.	2.1	9
128	Influence of yeast and nutrients on quality of apricot brandy. Journal of the Serbian Chemical Society, 2014, 79, 1223-1234.	0.4	9
129	Reduced Interference Vertex-Frequency Distributions. IEEE Signal Processing Letters, 2018, 25, 1393-1397.	2.1	9
130	Comparison of Entropy and Dictionary Based Text Compression in English, German, French, Italian, Czech, Hungarian, Finnish, and Croatian. Mathematics, 2020, 8, 1059.	1.1	9
131	RANSAC-Based Signal Denoising Using Compressive Sensing. Circuits, Systems, and Signal Processing, 2021, 40, 3907-3928.	1.2	9
132	Combined Adaptive Filter with LMS-Based Algorithms. AEU - International Journal of Electronics and Communications, 2003, 57, 295-299.	1.7	8
133	Robust time-frequency distributions based on the robust short time fourier transform. Annales Des Telecommunications/Annals of Telecommunications, 2005, 60, 681-697.	1.6	8
134	A real-time time-frequency based instantaneous frequency estimator. Signal Processing, 2013, 93, 1392-1397.	2.1	8
135	On the STFT Inversion Redundancy. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 284-288.	2.2	8
136	Error in the Reconstruction of Nonsparse Images. Mathematical Problems in Engineering, 2018, 2018, 1-10.	0.6	8
137	Robust time-frequency distributions. , 0, , .		7
138	A note on "An overview of aliasing errors in discrete-time formulations of time-frequency representations". IEEE Transactions on Signal Processing, 2001, 49, 257-259.	3.2	7
139	Editorial: Signal processing techniques for ISAR and feature extraction. IET Signal Processing, 2008, 2, 189.	0.9	7
140	Editorial: Time-frequency approach to radar detection, imaging, and classification. IET Signal Processing, 2010, 4, 197.	0.9	7
141	An algorithm for micro-Doppler period estimation. , 2012, , .		7
142	Compressive sensing based separation of LFM signals. , 2014, , .		7
143	Decomposition of multichannel multicomponent nonstationary signals by combining the eigenvectors of autocorrelation matrix using genetic algorithm. , 2020, 102, 102738.		7
144	Rule-Based EEG Classifier Utilizing Local Entropy of Timeâ€"Frequency Distributions. Mathematics, 2021, 9, 451.	1.1	7

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145	Time-Frequency Analysis for Sar and Isar Imaging. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 113-127.	0.1	7
146	Nonparametric Algorithm for Local Frequency Estimation of Multidimensional Signals. IEEE Transactions on Image Processing, 2004, 13, 467-474.	6.0	6
147	Estimation of FM signal parameters in impulse noise environments. Signal Processing, 2005, 85, 821-835.	2.1	6
148	Concentration measures with an adaptive algorithm for processing sparse signals. , 2013, , .		6
149	Adaptive gradient based algorithm for complex sparse signal reconstruction. , 2014, , .		6
150	Complex-Valued Binary Compressive Sensing. , 2018, , .		6
151	Reconstruction Error in Nonuniformly Sampled Approximately Sparse Signals. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 28-32.	1.4	6
152	SC-SM CAM: An Efficient Visual Interpretation of CNN for SAR Images Target Recognition. Remote Sensing, 2021, 13, 4139.	1.8	6
153	A probe-feature for specific emitter identification using axiom-based grad-CAM. Signal Processing, 2022, 201, 108685.	2.1	6
154	A reassignment based method for time-frequency representation. , 0, , .		5
155	Adaptive Algorithm for Chirp-Rate Estimation. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.0	5
156	Comparison of the L1-magic and the gradient algorithm for sparse signals reconstruction. , 2014, , .		5
157	The Support Uncertainty Principle and the Graph Rihaczek Distribution: Revisited and Improved. IEEE Signal Processing Letters, 2020, 27, 1030-1034.	2.1	5
158	Improved Coherence Index-Based Bound in Compressive Sensing. IEEE Signal Processing Letters, 2021, 28, 1110-1114.	2.1	5
159	Boundary condition expansion of basis functions method implemented by fast Fourier transform algorithms. IEEE Transactions on Microwave Theory and Techniques, 1990, 38, 296-301.	2.9	4
160	High-resolution data-adaptive time-frequency analysis. , 0, , .		4
161	Intelligent target recognition using micro-Doppler radar signatures. , 2009, , .		4
162	Current Research in Microâ€Doppler: Editorial for the Special Issue on Microâ€Doppler. IET Radar, Sonar and Navigation, 2015, 9, 1137-1139.	0.9	4

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163	Gradient algorithm based ISAR image reconstruction from the incomplete dataset. , 2015, , .		4
164	Comparison of a gradient-based and LASSO (ISTA) algorithm for sparse signal reconstruction. , 2016, , .		4
165	Two-component bivariate signal decomposition based on time-frequency analysis. , 2017, , .		4
166	On the Quantization and the Probability of Misdetection in Compressive Sensing. , 2019, , .		4
167	Bit-depth quantization and reconstruction error in digital images. Signal, Image and Video Processing, 2020, 14, 1545-1553.	1.7	4
168	The DCT domain sparsity-assisted detection and recovery of impulsively disturbed samples. Multimedia Tools and Applications, 2021, 80, 6221-6234.	2.6	4
169	On the sparsity bound for the existence of a unique solution in compressive sensing by the Gershgorin theorem. Signal Processing, 2022, 190, 108316.	2.1	4
170	A round-ridge waveguide. Annales Des Telecommunications/Annals of Telecommunications, 1988, 43, 542-547.	1.6	3
171	Quadratic and higher order time-frequency analysis based on the short-time Fourier transform. , 0, , .		3
172	<title>Wavelet-based communication channel modeling and identification</title>. , 2002, 4738, 64.		3
173	Combination of non-linear filters in time and frequency domain. , 0, , .		3
174	Motion compensation in ISAR imaging using the registrationâ€"restorationâ€"fusion approach. IET Signal Processing, 2008, 2, 223.	0.9	3
175	Non-Stationary Signal Analysis Time-Frequency Approach. Academic Press Library in Signal Processing, 2014, 3, 27-142.	0.8	3
176	Convexity of the â„"1-norm based sparsity measure with respect to the missing samples as variables. , 2016, , .		3
177	Combination of gradient based and single iteration reconstruction algorithms for sparse signals. , 2017, , .		3
178	Analysis of off-grid effects in wideband sonar images using compressive sensing. , 2018, , .		3
179	Additive noise influence on the bivariate two-component signal decomposition. , 2018, , .		3
180	Comparison of Two Image Denoising Approaches Based on Compressive Sensing Principles. , 2021, , .		3

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181	Nonstationary Portfolios: Diversification in the Spectral Domain. , 2021, , .		3
182	Laplacian Filter in Reconstruction of Images using Gradient-Based Algorithm. , 2021, , .		3
183	Dynamic Portfolio Cuts: A Spectral Approach to Graph-Theoretic Diversification. , 2022, , .		3
184	The least squares boundary residual method in electrostatic and eddy current problems. IEEE Transactions on Magnetics, 1990, 26, 1117-1122.	1.2	2
185	Combined adaptive system for identification of unknown systems with varying parameters in a noisy environment. , 0, , .		2
186	Noise analysis in Toeplitz and Hankel kernels for estimating time-varying spectra. , 0, , .		2
187	On the Capon's method application in time-frequency analysis. , 0, , .		2
188	Modelling of Signal's Time-Frequency Content Using Warped Complex-Time Distributions. , 0, , .		2
189	Focusing distorted ISAR images using Adaptive Local Polynomial Fourier Transform. , 2006, , .		2
190	Decomposition of Time-varying Multicomponent Signals using Time-Frequency Based Method. , 2006, , .		2
191	Robust DFT based on adaptive censored estimate for FM signal processing in non-Gaussian noise environment. , 2007, , .		2
192	Micro-Doppler removal in radar imaging in the case of non-compensated rigid body acceleration. , 2018, , .		2
193	A p-Laplacian Inspired Method for Graph Cut. , 2019, , .		2
194	Decomposition of Two-Component Multivariate Signals with Overlapped Domains of Support. , 2019, , .		2
195	From Timeâ€"Frequency to Vertexâ€"Frequency and Back. Mathematics, 2021, 9, 1407.	1.1	2
196	Performance analysis of the adaptive algorithm for bias-to-variance trade-off. Facta Universitatis - Series Electronics and Energetics, 2003, 16, 377-387.	0.6	2
197	Analysis of noise in complex-valued binary and bipolar sigmoid compressive sensing. Telfor Journal, 2019, 11, 35-40.	0.7	2
198	On Optimal Parameters for ICI-Based Adaptive Filtering Applied to the GWs in High Noise. , 2021, , .		2

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199	Analysis of Cryptography Algorithms Implemented in Android Mobile Application. Information Technology and Control, 2021, 50, 786-807.	1.1	2
200	Adaptive order and window length higher order time-frequency distributions in the IF estimation. , 0, , .		1
201	The reassigned S-method. , 0, , .		1
202	Order adaptive local polynomial FT based interference rejection in spread spectrum communication systems. , 0, , .		1
203	Adaptive channel equalizer with new VSS LMS algorithm. , 2003, , .		1
204	Nonparametric if and DOA estimation. , 2003, , .		1
205	Moments of Multidimensional Polynomial FT. IEEE Signal Processing Letters, 2004, 11, 879-882.	2.1	1
206	Focusing Distorted ISAR Images Using the S-method. , 2006, , .		1
207	S-Method-Based Approach for Image Formation, Motion Compensation, and Image Enhancement of Moving Targerts in ISAR and SAR. , 2008, , .		1
208	Robust Processing of Nonstationary Signals. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	1
209	An algorithm for detecting a maneuvering target based on TFR and Viterbi algorithm. , 2010, , .		1
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211	On the fixed-point rounding in the DFT. , 2017, , .		1
212	A resistive circuits analysis using graph spectral decomposition. , 2017, , .		1
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214	Compressive Sensing Inspired Multivariate Median. Circuits, Systems, and Signal Processing, 2019, 38, 2369-2379.	1.2	1
215	On Polynomial Approximations of Spectral Windows in Vertex-Frequency Representations. , 2020, , .		1
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