

M N S Swamy

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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.

295
papers

2,844
citations

24
h-index

40
g-index

418
ext. papers

3,580
ext. citations

3.3
avg, IF

5.59
L-index

#	Paper	IF	Citations
295	Optimizing the kernel in the empirical feature space. <i>IEEE Transactions on Neural Networks</i> , 2005 , 16, 460-74		239
294	Efficient Application of MUSIC Algorithm Under the Coexistence of Far-Field and Near-Field Sources. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 2066-2070	4.8	114
293	Design of two-dimensional recursive filters using genetic algorithms. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003 , 50, 634-639		95
292	Joint 2-D DOA Estimation via Sparse L-shaped Array. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 1171-1182	4.8	71
291	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 196-207	6.6	58
290	Efficient Two-Dimensional Direction-of-Arrival Estimation for a Mixture of Circular and Noncircular Sources. <i>IEEE Sensors Journal</i> , 2016 , 16, 2527-2536	4	57
289	A study of multiplicative watermark detection in the contourlet domain using alpha-stable distributions. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 4348-60	8.7	57
288	A high-speed residue-to-binary converter for three-moduli (2^k , 2^{k-1} , $2^{k-1}-1$) RNS and a scheme for its VLSI implementation. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2000 , 47, 1576-1581		57
287	Video Denoising Based on Inter-frame Statistical Modeling of Wavelet Coefficients. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 187-198	6.4	52
286	Binary Discrete Cosine and Hartley Transforms. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013 , 60, 989-1002	3.9	50
285	An improved voice activity detection using higher order statistics. <i>IEEE Transactions on Speech and Audio Processing</i> , 2005 , 13, 965-974		42
284	Analytical Synthesis of Low-Sensitivity High-Order Voltage-Mode DDCC and FDCCII-Grounded R and C All-Pass Filter Structures. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007 , 54, 1430-1443		40
283	A low-complexity parametric transform for image compression 2011 ,		38
282	Systolic algorithms and a memory-based design approach for a unified architecture for the computation of DCT/DST/IDCT/IDST. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2005 , 52, 1125-1137		37
281	Results on maximally flat fractional-delay systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2004 , 51, 2271-2286		34
280	A new radix-2/8 FFT algorithm for length- q /spl times/ 2^m / DFTs. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2004 , 51, 1723-1732		34
279	Joint DOD and DOA Estimation for MIMO Array With Velocity Receive Sensors. <i>IEEE Signal Processing Letters</i> , 2011 , 18, 399-402	3.2	33

278	Robust Shrinkage Affine-Projection Sign Adaptive-Filtering Algorithms for Impulsive Noise Environments. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 3349-3359	4.8	31
277	Ramanujan sums and discrete Fourier transforms. <i>IEEE Signal Processing Letters</i> , 2005 , 12, 293-296	3.2	31
276	Exact fractional-order differentiators for polynomial signals. <i>IEEE Signal Processing Letters</i> , 2004 , 11, 529-532	3.2	31
275	A new locally optimum watermark detection using vector-based hidden Markov model in wavelet domain. <i>Signal Processing</i> , 2017 , 137, 213-222	4.4	28
274	A novel transform for image compression 2010 ,		28
273	A fast 88 transform for image compression 2009 ,		28
272	A closed-form solution to the least-square design problem of 2-D linear-phase FIR filters. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1997 , 44, 1032-1039		28
271	A least-square design approach for 2D FIR filters with arbitrary frequency response. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1999 , 46, 1027-1034		24
270	Mammogram classification using contourlet features with forest optimization-based feature selection approach. <i>Multimedia Tools and Applications</i> , 2019 , 78, 12805-12834	2.5	23
269	FPGA design and implementation of a low-power systolic array-based adaptive Viterbi decoder. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2005 , 52, 350-365		21
268	RNS application for digital image processing		21
267	Tchebichef and Adaptive Steerable Based Total Variation Model for Image Denoising. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	21
266	Joint Maximum Likelihood Timing, Frequency Offset, and Doubly Selective Channel Estimation for OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2787-2791	6.8	21
265	Joint Carrier Frequency Offset and Doubly Selective Channel Estimation for MIMO-OFDMA Uplink With Kalman and Particle Filtering. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 4001-4012	4.8	20
264	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 65-73	6.6	20
263	A multiplication-free transform for image compression 2008 ,		19
262	New Systolic Algorithm and Array Architecture for Prime-Length Discrete Sine Transform. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2007 , 54, 262-266		19
261	Residue-to-binary number converters for three moduli sets. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1999 , 46, 180-183		19

260	Compressive sensing-based speech enhancement in non-sparse noisy environments. <i>IET Signal Processing</i> , 2013 , 7, 450-457	1.7	18
259	Digital watermark extraction in wavelet domain using hidden Markov model. <i>Multimedia Tools and Applications</i> , 2017 , 76, 3731-3749	2.5	18
258	Cryptographic applications of Brahmagupta-Bhaskara equation. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006 , 53, 1565-1571		18
257	The Theory of Compressive Sensing Matching Pursuit Considering Time-domain Noise with Application to Speech Enhancement. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2014 , 22, 682-696	3.6	17
256	New Parametric Discrete Fourier and Hartley Transforms, and Algorithms for Fast Computation. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 562-575	3.9	17
255	Contourlet domain image modeling by using the alpha-stable family of distributions 2014 ,		16
254	New Spatially Adaptive Wavelet-based Method for the Despeckling of Medical Ultrasound Images 2007 ,		16
253	Fast computation of the discrete Fourier transform of real data. <i>IEEE Transactions on Signal Processing</i> , 1997 , 45, 2010-2022	4.8	15
252	Partial-Update ℓ_{∞} -Norm Based Algorithms. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007 , 54, 411-419		15
251	A Class of Adaptive Cyclostationary Beamforming Algorithms. <i>Circuits, Systems, and Signal Processing</i> , 2008 , 27, 35-63	2.2	14
250	High-Throughput Memory-Based Architecture for DHT Using a New Convolutional Formulation. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2007 , 54, 606-610		14
249	A computer-aided diagnosis system using Tchebichef features and improved grey wolf optimized extreme learning machine. <i>Applied Intelligence</i> , 2019 , 49, 983-1001	4.9	14
248	Digital mammogram classification using 2D-BDWT and GLCM features with FOA-based feature selection approach. <i>Neural Computing and Applications</i> , 2020 , 32, 7029-7043	4.8	14
247	Analytical synthesis of voltage-mode even/odd-nth-order differential difference current conveyor and fully differential current conveyor II-grounded resistor and capacitor universal filter structures. <i>International Journal of Circuit Theory and Applications</i> , 2015 , 43, 1263-1310	2	13
246	ASCII-character-encoding based PPG compression for tele-monitoring system. <i>Biomedical Signal Processing and Control</i> , 2017 , 31, 470-482	4.9	13
245	Analytical synthesis of odd/even-nth-order elliptic Cauer filter structures using OTRAs. <i>International Journal of Circuit Theory and Applications</i> , 2013 , 41, 1248-1271	2	13
244	Joint Space-Time Parameter Estimation for Multicarrier CDMA Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 3306-3311	6.8	13
243	Moduli selection in RNS for efficient VLSI implementation		13

242	Recognizing Distractions for Assistive Driving by Tracking Body Parts. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 1048-1062	6.4	13
241	Score reliability based weighting technique for score-level fusion in multi-biometric systems 2016 ,		12
240	Analytical synthesis and comparison of voltage-mode Nth-order OTA-C universal filter structures. <i>International Journal of Circuit Theory and Applications</i> , 2012 , 40, 421-454	2	12
239	Branching competitive learning network: a novel self-creating model. <i>IEEE Transactions on Neural Networks</i> , 2004 , 15, 417-29		12
238	Quadtree structured region-wise motion compensation for video compression. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1999 , 9, 808-822	6.4	12
237	Compnet: A New Scheme for Single Image Super Resolution Based on Deep Convolutional Neural Network. <i>IEEE Access</i> , 2018 , 6, 59963-59974	3.5	12
236	A Multi-Biometric System Based on Feature and Score Level Fusions. <i>IEEE Access</i> , 2019 , 7, 59437-59450	3.5	11
235	A Framework for Image Denoising Using First and Second Order Fractional Overlapping Group Sparsity (HF-OLGS) Regularizer. <i>IEEE Access</i> , 2019 , 7, 26200-26217	3.5	11
234	Joint DOA Estimation and Source Signal Tracking With Kalman Filtering and Regularized QRD RLS Algorithm. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2013 , 60, 46-50	3.5	11
233	A fast 8B integer Tchebichef transform and comparison with integer cosine transform for image compression 2013 ,		11
232	A compressive sensing method for noise reduction of speech and audio signals 2011 ,		11
231	Feedforward symbol timing recovery technique using two samples per symbol. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2005 , 52, 2490-2500		11
230	A Split Vector-Radix Algorithm for the 3-D Discrete Hartley Transform. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006 , 53, 1966-1976		11
229	Competitive splitting for codebook initialization. <i>IEEE Signal Processing Letters</i> , 2004 , 11, 474-477	3.2	11
228	A new method for computing the stability margin of two-dimensional continuous systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 869-872		11
227	An area-time-efficient residue-to-binary converter		11
226	Improved Coarse Timing Estimation in OFDM Systems Using High-Order Statistics. <i>IEEE Transactions on Communications</i> , 2016 , 64, 5239-5253	6.9	11
225	A New Hybrid Active Noise Control System with Convex Combination of Time and Frequency Domain Filtered-X LMS Algorithms. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 3275-3294	2.2	10

224	Contourlet domain image denoising using normal inverse gaussian distribution 2014 ,		10
223	Compressed sensing for DOA estimation with fewer receivers than sensors 2011 ,		10
222	Transpose of a Multiterminal Element and Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 696-700	3.5	10
221	Image encryption using the reciprocal-orthogonal parametric transform 2010 ,		10
220	Signal processing based on parameter structural modeling and separation of highly correlated signals of known structure. <i>Circuits, Systems, and Signal Processing</i> , 1998 , 17, 51-68	2.2	10
219	Discrete tchebichef transform-A fast 4x4 algorithm and its application in image/video compression 2008 ,		10
218	Compression of long-term EEG using power spectral density. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2004 , 2006, 180-3		10
217	Stability of multidimensional systems using genetic algorithms. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003 , 50, 962-965		10
216	Statistically optimal null filter based on instantaneous matched processing. <i>Circuits, Systems, and Signal Processing</i> , 2001 , 20, 37-61	2.2	10
215	New techniques for multi-resolution motion estimation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2002 , 12, 793-802	6.4	10
214	Vector computation of the discrete Fourier transform. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1998 , 45, 449-461		10
213	Realization of 2-D linear-phase FIR filters by using the singular-value decomposition. <i>IEEE Transactions on Signal Processing</i> , 1999 , 47, 1349-1358	4.8	10
212	Image denoising in wavelet domain using the vector-based hidden Markov model 2014 ,		9
211	Wavelet-Based Despeckling of Medical Ultrasound Images with the Symmetric Normal Inverse Gaussian Prior 2007 ,		9
210	An efficient systolic array algorithm for the VLSI implementation of a prime-length DHT		9
209	A new split-radix FHT algorithm for length- $q \cdot 2^m$ /DHTs. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2004 , 51, 2031-2043		9
208	Characterization of B-spline digital filters. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2004 , 51, 808-816		9
207	A new anchored normalization technique for score-level fusion in multimodal biometric systems 2016 ,		9

206	A new blind wavelet domain watermark detector using hidden Markov model 2014,		8
205	The analysis and design of two-dimensional nearly-orthogonal symmetric wavelet filter banks. <i>Multidimensional Systems and Signal Processing</i> , 2013 , 24, 199-218	1.8	8
204	A novel normalization technique for multimodal biometric systems 2015,		8
203	Joint Space-Time Parameter Estimation for Underwater Communication Channels with Velocity Vector Sensor Arrays. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3869-3877	9.6	8
202	Statistics of 2-D DT-CWT Coefficients for a Gaussian Distributed Signal. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008 , 55, 2013-2025	3.9	8
201	Evolutionary design of 2-dimensional recursive filters via the computer language GENETICA. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2006 , 53, 254-258		8
200	Editorial preface to special issue on multidimensional signals and systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 709-714		8
199	Automatic modulation type recognition		8
198	An efficient approach for the design of nearly perfect-reconstruction QMF banks. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1998 , 45, 1161-1165		8
197	An Adaptive Turn Rate Estimation for Tracking a Maneuvering Target. <i>IEEE Access</i> , 2020 , 8, 94176-94189	3.5	8
196	Compression of Steganographed PPG Signal with Guaranteed Reconstruction Quality Based on Optimum Truncation of Singular Values and ASCII Character Encoding. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 ,	5	8
195	An improved surveillance video synopsis framework: a HSATLBO optimization approach. <i>Multimedia Tools and Applications</i> , 2020 , 79, 4429-4461	2.5	8
194	Optimum multiplicative watermark detector in contourlet domain using the normal inverse Gaussian distribution 2015,		7
193	SVD and ASCII Character Encoding-Based Compression of Multiple Biosignals for Remote Healthcare Systems. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2018 , 12, 137-150	5.1	7
192	Joint Data and Pilot Power Allocation for Massive MU-MIMO Downlink TDD Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 512-516	3.5	7
191	Minimum redundancy linear sparse subarrays for direction of arrival estimation without ambiguity 2011,		7
190	Linear Prediction Based Semi-Blind Channel Estimation for MIMO-OFDM System 2007,		7
189	Multidimensional vector radix FHT algorithms. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006 , 53, 905-917		7

188	Improved radix-4 and radix-8 FFT algorithms		7
187	A note on "A high-speed residue-to-binary converter for three-moduli ($2^k/2^k - 1, 2^k/2^k - 1$) RNS and a scheme for its VLSI implementation". <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2002 , 49, 230		7
186	Design and implementation of a switched-current memory cell for low-power and weak-current operations. <i>IEEE Journal of Solid-State Circuits</i> , 2001 , 36, 304-307	5.5	7
185	Spectral Efficiency Maximization of Multiuser Massive MIMO Systems With Finite-Dimensional Channel via Control of Users Power. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 883-887	3.5	6
184	A joint correlation noise estimation and decoding algorithm for distributed video coding. <i>Multimedia Tools and Applications</i> , 2018 , 77, 7327-7355	2.5	6
183	Ultrasound image despeckling in the contourlet domain using the Cauchy prior 2016 ,		6
182	Multiresolution DCT decomposition for multifocus image fusion 2013 ,		6
181	Parameter estimation of Hodgkin-Huxley neuronal model using dual extended Kalman filter 2013 ,		6
180	Efficient pruning algorithms for the DFT computation for a subset of output samples		6
179	Low-complexity video noise reduction in wavelet domain		6
178	Complete characterization of systems for simultaneous Lagrangian upsampling and fractional-sample delaying. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2005 , 52, 656-667		6
177	A new homomorphic Bayesian wavelet-based MMAE filter for despeckling SAR images		6
176	Lp norm design of stack filters. <i>IEEE Transactions on Image Processing</i> , 1999 , 8, 1730-43	8.7	6
175	On a Novel Decomposition of the DCT and its Application. <i>IEEE Transactions on Signal Processing</i> , 1993 , 41, 480	4.8	6
174	UPDResNN: A Deep Light-Weight Image Upsampling and Deblurring Residual Neural Network. <i>IEEE Transactions on Broadcasting</i> , 2021 , 67, 538-548	4.7	6
173	HSAJAYA: An Improved Optimization Scheme for Consumer Surveillance Video Synopsis Generation. <i>IEEE Transactions on Consumer Electronics</i> , 2020 , 66, 144-152	4.8	5
172	Optimal power allocation for massive MU-MIMO downlink TDD systems 2016 ,		5
171	A variable quantization technique for image compression using integer Tchebichef transform 2013 ,		5

170	A hidden Markov model-based blind detector for multiplicative watermarking 2017 ,		5
169	Online multi-person tracking via robust collaborative model 2014 ,		5
168	Identification of differentially expressed genes for time-course microarray data based on modified RM ANOVA. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012 , 9, 451-66	3	5
167	Detection of epileptic seizures in stereo-EEG using frequency-weighted energy. <i>Midwest Symposium on Circuits and Systems</i> , 2007 ,	1	5
166	Comparison of wavelets for multiresolution motion estimation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 439-446	6.4	5
165	An Efficient Implementation of the Delay Compensation for Sub-Band Filtered-x Least-Mean-Square Algorithm. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2006 , 53, 748-752		5
164	Wavelet-based segmentation techniques in the detection of microarousals in the sleep EEG 2005 ,		5
163	A genetic algorithm approach to the problem of factorization of general multidimensional polynomials. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003 , 50, 16-22		5
162	Bayesian algorithm for video noise reduction in the wavelet domain		5
161	An iterative blind cyclostationary beamforming algorithm		5
160	Noncircularity-Based Localization for Mixed Near-Field and Far-Field Sources with Unknown Mutual Coupling 2018 ,		5
159	Modelling and Analysis of Regional Service Behavior Properties of Mobile Internet Applications. <i>IEEE Access</i> , 2017 , 5, 4795-4807	3.5	4
158	Image denoising utilizing the scale-dependency in the contourlet domain 2015 ,		4
157	Real-Valued ESPRIT for two-dimensional DOA estimation of noncircular signals for acoustic vector sensor array 2015 ,		4
156	Contourlet domain image denoising using the alpha-stable distribution 2014 ,		4
155	Vehicle detection using TD2DHOG features 2014 ,		4
154	A novel morphology-based classifier for automatic detection of epileptic seizures. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 5545-8	0.9	4
153	Modeling of the DCT coefficients of images 2008 ,		4

152	STFT-Based Segmentation in Model-Based Seizure Detection 2007 ,		4
151	A new wavelet-based method for despeckling SAR images		4
150	An efficient, low-complexity, normalized LMS algorithm for echo cancellation		4
149	Generation of new OTA-C oscillator structures using network transposition		4
148	Weighted least-square design of FIR filters using a fast iterative matrix inversion algorithm. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 1620-1628		4
147	ASIC implementation architecture for pulse shaping FIR filters in 3G mobile communications		4
146	A fast neural beamformer for antenna arrays		4
145	A fully digital timing recovery scheme using two samples per symbol		4
144	A novel technique for tracking time-varying minimum and its applications		4
143	Gray-level image denoising with an improved weighted sparse coding. <i>Journal of Visual Communication and Image Representation</i> , 2020 , 72, 102895	2.7	4
142	MuRNet: A deep recursive network for super resolution of bicubically interpolated images. <i>Signal Processing: Image Communication</i> , 2021 , 94, 116228	2.8	4
141	Underdetermined DOA Estimation Using MVDR-Weighted LASSO. <i>Sensors</i> , 2016 , 16,	3.8	4
140	Modified CFOA, its transpose, and applications. <i>International Journal of Circuit Theory and Applications</i> , 2016 , 44, 514-526	2	4
139	Weighted residual minimization in PCA subspace for visual tracking 2016 ,		4
138	A vehicle detection scheme based on two-dimensional HOG features in the DFT and DCT domains. <i>Multidimensional Systems and Signal Processing</i> , 2019 , 30, 1697-1729	1.8	4
137	A Two-Stage Scheme for Fusion of Hash-Encoded Features in a Multimodal Biometric System 2018 ,		4
136	Weighted Hybrid Fusion for Multimodal Biometric Recognition System 2018 ,		4
135	SRSSubBandNet: A New Deep Learning Scheme for Single Image Super Resolution Based on Subband Reconstruction 2019 ,		3

134	Structural local DCT sparse appearance model for visual tracking 2015 ,		3
133	EFFRBNNet: A Deep Super Resolution Network using Edge-Assisted Feature Fusion Residual Blocks 2020 ,		3
132	A new involutory parametric transform and its application to image encryption 2013 ,		3
131	A new map estimator for wavelet domain image denoising using vector-based hidden Markov model 2015 ,		3
130	Despeckling of synthetic aperture radar images in the contourlet domain using the alpha-stable distribution 2015 ,		3
129	MSAIndelFR: a scheme for multiple protein sequence alignment using information on indel flanking regions. <i>BMC Bioinformatics</i> , 2015 , 16, 393	3.6	3
128	Noise spectrum estimation with improved minimum controlled recursive averaging based on speech enhancement residue 2012 ,		3
127	DOA estimation and tracking for signals with known waveform via symmetric sparse subarrays 2012 ,		3
126	An efficient algorithm for the conjugate symmetric sequency-ordered complex Hadamard transform 2011 ,		3
125	A new blind-block reciprocal parametric transform 2008 ,		3
124	Current-Mode Filters Using Voltage Amplifiers. <i>Circuits, Systems, and Signal Processing</i> , 2007 , 26, 773-792.2		3
123	Perceptual-Shaping Comparison of DWT-Based Pixel-Wise Masking Model with DCT-Based Watson Model 2006 ,		3
122	Z-transform of quantized ramp signal. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 380-383	4.8	3
121	A split-radix algorithm for 2-D DFT		3
120	A low-power systolic array-based adaptive Viterbi decoder and its FPGA implementation		3
119	An efficient split-radix FFT algorithm		3
118	An efficient three-dimensional decimation-in-time FHT algorithm based on the radix-2/4 approach		3
117	Arithmetic complexity of the split-radix FFT algorithms		3

116	An efficient multidimensional decimation-in-frequency FHT algorithm based on the radix-2/4 approach	3
115	Low power FIR filter FPGA implementation based on distributed arithmetic and residue number system	3
114	Residue to binary number converters for three moduli set	3
113	A parallel residue-to-binary converter 1999 ,	3
112	The applications of the new Chinese Remainder Theorems for three moduli sets	3
111	LMS-optimal notch filters with improved transient performance	3
110	Visual tracking via bilateral 2DPCA and robust coding 2016 ,	3
109	. <i>IEEE Access</i> , 2019 , 7, 182758-182771	3.5 3
108	SRNSSI: A Deep Light-Weight Network for Single Image Super Resolution Using Spatial and Spectral Information. <i>IEEE Transactions on Computational Imaging</i> , 2021 , 7, 409-421	4.5 3
107	RHN: A Residual Holistic Neural Network for Edge Detection. <i>IEEE Access</i> , 2021 , 9, 74646-74658	3.5 3
106	Decoder driven side information generation using ensemble of MLP networks for distributed video coding. <i>Multimedia Tools and Applications</i> , 2018 , 77, 15221-15250	2.5 3
105	Shearlet based Stacked Convolutional Network for Multiclass Diagnosis of Alzheimer's Disease using the Florbetapir PET Amyloid Imaging Data 2018 ,	3
104	Palmprint recognition based on histograms of sparse codes 2017 ,	2
103	UPDCNN: A New Scheme for Image Upsampling and Deblurring Using a Deep Convolutional Neural Network 2019 ,	2
102	Successive refinement of side information frames in distributed video coding. <i>Multimedia Tools and Applications</i> , 2019 , 78, 20697-20722	2.5 2
101	MGHCNET: A Deep Multi-Scale Granular and Holistic Channel Feature Generation Network for Image Super Resolution 2020 ,	2
100	Multi-resolution extreme learning machine-based side information estimation in distributed video coding. <i>Multimedia Tools and Applications</i> , 2018 , 77, 27301-27335	2.5 2
99	A robust quantization-based image watermarking scheme in the wavelet-based contourlet domain 2016 ,	2

98	Visual tracking using structural local DCT sparse appearance model with occlusion detection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 7243-7266	2.5	2
97	Multimodal Neuroimaging Fusion in Nonsubsampled Shearlet Domain Using Location-Scale Distribution by Maximizing the High Frequency Subband Energy. <i>IEEE Access</i> , 2019 , 7, 97865-97886	3.5	2
96	Camouflaged target detection using real-time video fusion algorithm based on multi-scale transforms 2014 ,		2
95	Convex combinations of adaptive filters for feedback cancellation in hearing aids. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2017 , 1	3.7	2
94	Sparse linear arrays for estimating and tracking DOAs of signals with known waveforms 2013 ,		2
93	Perturbation analysis of whitening-rotation-based semi-blind MIMO channel estimation 2009 ,		2
92	Second-Order Active-RC Filters 2010 , 103-160		2
91	A Frequency-Domain Correlation Matrix Estimation Algorithm for MIMO-OFDM Channel Estimation 2008 ,		2
90	A Signal Perturbation Free Transmit Scheme for MIMO Channel Estimation 2008 ,		2
89	Wavelet-based spatially adaptive method for despeckling SAR images		2
88	Locally Adaptive Wavelet-Based Image Denoising using the Gram-Charlier Prior Function 2007 ,		2
87	Implementation of a voice activity detection and comfort noise generation algorithm 2005 ,		2
86	A New Method for Denoising of Images in the Dual Tree Complex Wavelet Domain 2006 ,		2
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