

# Nf Law

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

960  
citations

567144

15  
h-index

501076

28  
g-index

84  
all docs

84  
docs citations

84  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Missing value imputation for gene expression data: computational techniques to recover missing data from available information. <i>Briefings in Bioinformatics</i> , 2011, 12, 498-513.	3.2	175
2	Identification of coherent patterns in gene expression data using an efficient biclustering algorithm and parallel coordinate visualization. <i>BMC Bioinformatics</i> , 2008, 9, 210.	1.2	75
3	BiVisu: software tool for bicluster detection and visualization. <i>Bioinformatics</i> , 2007, 23, 2342-2344.	1.8	65
4	Image segmentation based on adaptive cluster prototype estimation. <i>IEEE Transactions on Fuzzy Systems</i> , 2005, 13, 444-453.	6.5	64
5	Iterative bicluster-based least square framework for estimation of missing values in microarray gene expression data. <i>Pattern Recognition</i> , 2012, 45, 1281-1289.	5.1	48
6	POCS-based blocking artifacts suppression using a smoothness constraint set with explicit region modeling. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005, 15, 795-800.	5.6	41
7	A fast and low memory image coding algorithm based on lifting wavelet transform and modified SPIHT. <i>Signal Processing: Image Communication</i> , 2008, 23, 146-161.	1.8	28
8	Wavefront estimation at low light levels. <i>Optics Communications</i> , 1996, 126, 19-24.	1.0	26
9	Statistical power of Fisher test for the detection of short periodic gene expression profiles. <i>Pattern Recognition</i> , 2009, 42, 549-556.	5.1	26
10	Efficient Source Camera Identification with Diversity-Enhanced Patch Selection and Deep Residual Prediction. <i>Sensors</i> , 2021, 21, 4701.	2.1	26
11	Lossless image compression using binary wavelet transform. <i>IET Image Processing</i> , 2007, 1, 353.	1.4	25
12	Blind deconvolution using least squares minimisation. <i>Optics Communications</i> , 1996, 128, 341-352.	1.0	22
13	Multiscale directional filter bank with applications to structured and random texture retrieval. <i>Pattern Recognition</i> , 2007, 40, 1182-1194.	5.1	22
14	A confidence map and pixel-based weighted correlation for PRNU-based camera identification. <i>Digital Investigation</i> , 2013, 10, 215-225.	3.2	22
15	Brain symmetry plane detection based on fractal analysis. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 568-580.	3.5	20
16	Effective bi-directional people flow counting for real time surveillance system. , 2011, , .		18
17	Reconstruction from 2-D wavelet transform modulus maxima using projection. <i>IET Computer Vision</i> , 2000, 147, 176.	1.3	14
18	Multiscale feature analysis using directional filter bank. , 0, , .		13

#	ARTICLE	IF	CITATIONS
19	Patch based image denoising using the finite ridgelet transform for less artifacts. Journal of Visual Communication and Image Representation, 2014, 25, 1006-1017.	1.7	13
20	Clustering-Based Compression for Population DNA Sequences. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 208-221.	1.9	13
21	Successive structural analysis using wavelet transform for blocking artifacts suppression. Signal Processing, 2001, 81, 1373-1387.	2.1	11
22	Compression of Multiple DNA Sequences Using Intra-Sequence and Inter-Sequence Similarities. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 1322-1332.	1.9	11
23	Direct reconstruction method for wavelet transform extrema representation. IET Computer Vision, 1997, 144, 193.	1.3	10
24	Cross chromosomal similarity for DNA sequence compression. Bioinformatics, 2008, 2, 412-416.	0.2	9
25	A Novel Fast and Reduced Redundancy Structure for Multiscale Directional Filter Banks. IEEE Transactions on Image Processing, 2007, 16, 2058-2068.	6.0	8
26	Unified feature analysis in JPEG and JPEG 2000-compressed domains. Pattern Recognition, 2007, 40, 2049-2062.	5.1	8
27	Use of biclustering for missing value imputation in gene expression data. Artificial Intelligence Research, 2013, 2, .	0.3	8
28	Progressive image coding based on visually important features. , 1999, , .		7
29	An efficient computational scheme for the two-dimensional overcomplete wavelet transform. IEEE Transactions on Signal Processing, 2002, 50, 2806-2819.	3.2	7
30	A filter design strategy for binary field wavelet transform using the perpendicular constraint. Signal Processing, 2007, 87, 2850-2858.	2.1	7
31	Multiple frame projection based blind deconvolution. Electronics Letters, 1995, 31, 1734-1735.	0.5	6
32	Multiresolution discontinuity-preserving surface reconstruction. Pattern Recognition, 2001, 34, 2133-2144.	5.1	6
33	Fast extraction of wavelet-based features from JPEG images for joint retrieval with JPEG2000 images. Pattern Recognition, 2010, 43, 3314-3323.	5.1	6
34	A local variance based approach to alleviate the scene content interference for source camera identification. Digital Investigation, 2017, 22, 74-87.	3.2	6
35	Multiple resolution image restoration. IET Computer Vision, 1997, 144, 199.	1.3	5
36	Issues of filter design for binary wavelet transform. , 0, , .		5

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37	Fast video object detection via multiple background modeling. , 2010, , .		5
38	Automated Detection of Circulating Tumor Cells Using Faster Region Convolution Neural Network. Journal of Medical Imaging and Health Informatics, 2019, 9, 167-174.	0.2	5
39	Stateful-CCSH: An Efficient Authentication Scheme for High-Resolution Video Surveillance System. IEEE Internet of Things Journal, 2022, 9, 19373-19386.	5.5	5
40	Improved convergence of projection based blind deconvolution. Electronics Letters, 1995, 31, 1732-1733.	0.5	4
41	Wavelet maxima reconstruction by conjugate gradient. Electronics Letters, 1997, 33, 1928.	0.5	4
42	Unified feature analysis in different compressed domains. , 0, , .		4
43	Biclusters Visualization and Detection Using Parallel Coordinate Plots. AIP Conference Proceedings, 2007, , .	0.3	4
44	Efficient and low-complexity image coding with the lifting scheme and modified SPIHT. , 2008, , .		4
45	Recent Patents on Biclustering Algorithms for Gene Expression Data Analysis. Recent Patents on DNA & Gene Sequences, 2011, 5, 117-125.	0.7	4
46	A two dimensional camera identification method based on image sensor noise. , 2012, , .		4
47	Application of signal processing for DNA sequence compression. IET Signal Processing, 2019, 13, 569-580.	0.9	4
48	Symmetry Plane Detection in Brain Image Analysis: A Survey. Current Medical Imaging, 2013, 9, 230-247.	0.4	4
49	Region-based object tracking for multipoint video conferencing using wavelet transform. , 0, , .		3
50	DNA numerical representation and neural network based human promoter prediction system. , 2011, , .		3
51	PRNU-based source identification for network video surveillance system. , 2018, , .		3
52	Effective Source Camera Identification based on MSEPLL Denoising Applied to Small Image Patches. , 2019, , .		3
53	On relationship of Z-curve and Fourier approaches for DNA coding sequence classification. Bioinformatics, 2006, 1, 242-246.	0.2	3
54	Fast algorithm for over-complete wavelets. Electronics Letters, 2001, 37, 259.	0.5	2

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55	Structured and random texture patterns characterization using multiscale directional filter bank. , 0, , .		2
56	An Improved Sensor Pattern Noise Estimation Method Based on Edge Guided Weighted Averaging. Lecture Notes in Computer Science, 2020, , 405-415.	1.0	2
57	Fast algorithm for binary field wavelet transform for image processing. , 0, , .		1
58	Fast algorithm for quadratic and cubic spline wavelets. , 0, , .		1
59	A dynamic video combiner for multipoint video conferencing using wavelet transform. , 0, , .		1
60	Spatial-spectral feature analysis in JPEG and JPEG-2000. , 0, , .		1
61	Co-occurrence Features of Multi-scale Directional Filter Bank for Texture Characterization. , 0, , .		1
62	Weighting optimization with neural network for photo-response-non-uniformity-based source camera identification. , 2014, , .		1
63	A joint framework for missing values estimation and biclusters detection in gene expression data. International Journal of Bioinformatics Research and Applications, 2014, 10, 574.	0.1	1
64	An efficient automatic palm reading algorithm and its mobile applications development. , 2016, , .		1
65	Compressing population DNA sequences using multiple reference sequences. , 2017, , .		1
66	Learning via Decision Trees Approach for Video Super-Resolution. , 2017, , .		1
67	Cluster Analysis of Gene Expression Data. , 2009, , 289-296.		1
68	Content-Based Image Retrieval. , 2009, , 744-749.		1
69	A fast and efficient computational structure for the 2D over-complete wavelet transform. , 0, , .		0
70	Adaptive shrinkage algorithm for ringing suppression with smoothness constraint. , 0, , .		0
71	Blocking artifacts removal with a successive structure analysis using wavelet transform. , 0, , .		0
72	Suppression of ringing artifacts with an adaptive shrinkage algorithm. , 0, , .		0

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73	Improved Scheme for Object Searching Using Moment Invariants. Lecture Notes in Computer Science, 2002, , 783-790.	1.0	0
74	Fast over-complete wavelet implementation for spline family. , 0, , .		0
75	Direct image retrieval in JPEG and JPEG2000. , 2005, , .		0
76	Study of filter properties for the directional filter bank. , 2005, , .		0
77	Statistical Detection of Short Periodic Gene Expression Time Series Profiles. AIP Conference Proceedings, 2007, , .	0.3	0
78	Study Of Inter-sequence Similarity For Multiple DNA Sequence Compression. AIP Conference Proceedings, 2007, , .	0.3	0
79	Promoter prediction using DNA numerical representation and neural network: Case study with three organisms. , 2011, , .		0
80	Use of sensor noise for source identification. , 2015, , .		0
81	A novel dual-threshold SIFT-based copy-move forgery detection. , 2016, , .		0
82	Accurate Prior Modeling in the Locally Adaptive Window-Based Wavelet Denoising. Lecture Notes in Computer Science, 2016, , 523-533.	1.0	0
83	Portable vision screenings system. , 2017, , .		0
84	Image Compression Concepts Overview. , 2009, , 1805-1811.		0