

Loris Nanni

List of Publications by Year in descending order

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Version: 2024-02-01

204
papers

7,644
citations

61984

43
h-index

71685

76
g-index

206
all docs

206
docs citations

206
times ranked

5834
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning for plankton and coral classification. Applied Computing and Informatics, 2023, 19, 265-283.	5.9	43
2	High performing ensemble of convolutional neural networks for insect pest image detection. Ecological Informatics, 2022, 67, 101515.	5.2	45
3	Comparisons among different stochastic selections of activation layers for convolutional neural networks for health care. , 2022, , 151-164.		0
4	Convolutional Neural Networks for the Identification of African Lions from Individual Vocalizations. Journal of Imaging, 2022, 8, 96.	3.0	5
5	Fabric defect detection based on completed local quartet patterns and majority decision algorithm. Expert Systems With Applications, 2022, 198, 116827.	7.6	42
6	An Empirical Study on Ensemble of Segmentation Approaches. Signals, 2022, 3, 341-358.	1.9	12
7	Ensemble of convolutional neural networks trained with different activation functions. Expert Systems With Applications, 2021, 166, 114048.	7.6	42
8	Experiments of Image Classification Using Dissimilarity Spaces Built with Siamese Networks. Sensors, 2021, 21, 1573.	3.8	8
9	Robust ensemble of handcrafted and learned approaches for DNA-binding proteins. Applied Computing and Informatics, 2021, ahead-of-print, .	5.9	1
10	An Ensemble of Convolutional Neural Networks for Audio Classification. Applied Sciences (Switzerland), 2021, 11, 5796.	2.5	54
11	Postprocessing for Skin Detection. Journal of Imaging, 2021, 7, 95.	3.0	2
12	On the Importance of Passive Acoustic Monitoring Filters. Journal of Marine Science and Engineering, 2021, 9, 685.	2.6	0
13	Closing the Performance Gap between Siamese Networks for Dissimilarity Image Classification and Convolutional Neural Networks. Sensors, 2021, 21, 5809.	3.8	2
14	Deep Features for Training Support Vector Machines. Journal of Imaging, 2021, 7, 177.	3.0	12
15	Image orientation detection by ensembles of Stochastic CNNs. Machine Learning With Applications, 2021, 6, 100090.	4.4	5
16	A critic evaluation of methods for COVID-19 automatic detection from X-ray images. Information Fusion, 2021, 76, 1-7.	19.1	131
17	Impact of Lung Segmentation on the Diagnosis and Explanation of COVID-19 in Chest X-ray Images. Sensors, 2021, 21, 7116.	3.8	89
18	Comparison of Different Image Data Augmentation Approaches. Journal of Imaging, 2021, 7, 254.	3.0	30

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19	Deep Ensembles Based on Stochastic Activations for Semantic Segmentation. <i>Signals</i> , 2021, 2, 820-833.	1.9	3
20	iProStruct2D: Identifying protein structural classes by deep learning via 2D representations. <i>Expert Systems With Applications</i> , 2020, 142, 113019.	7.6	15
21	Comparison of Transfer Learning and Conventional Machine Learning Applied to Structural Brain MRI for the Early Diagnosis and Prognosis of Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 576194.	2.4	43
22	The Computerization of Archaeology: Survey on Artificial Intelligence Techniques. <i>SN Computer Science</i> , 2020, 1, 1.	3.6	9
23	Anatomical Therapeutic Chemical Classification (ATC) With Multi-Label Learners and Deep Features. <i>International Journal of Natural Computing Research</i> , 2020, 9, 16-29.	0.5	2
24	Animal Sound Classification Using Dissimilarity Spaces. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8578.	2.5	14
25	Stochastic Selection of Activation Layers for Convolutional Neural Networks. <i>Sensors</i> , 2020, 20, 1626.	3.8	24
26	Spectrogram Classification Using Dissimilarity Space. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4176.	2.5	20
27	Ensemble of convolutional neural networks to improve animal audio classification. <i>Eurasip Journal on Audio, Speech, and Music Processing</i> , 2020, 2020, .	2.1	38
28	Fair comparison of skin detection approaches on publicly available datasets. <i>Expert Systems With Applications</i> , 2020, 160, 113677.	7.6	22
29	Insect pest image detection and recognition based on bio-inspired methods. <i>Ecological Informatics</i> , 2020, 57, 101089.	5.2	74
30	Data augmentation approaches for improving animal audio classification. <i>Ecological Informatics</i> , 2020, 57, 101084.	5.2	87
31	Ensemble of Deep Learning Approaches for ATC Classification. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 117-125.	0.6	5
32	Deep Learning and Handcrafted Features for Virus Image Classification. <i>Journal of Imaging</i> , 2020, 6, 143.	3.0	25
33	Ensemble of Handcrafted and Deep Learned Features for Cervical Cell Classification. <i>Intelligent Systems Reference Library</i> , 2020, , 117-135.	1.2	2
34	Convolutional Neural Networks for 3D Protein Classification. <i>Intelligent Systems Reference Library</i> , 2020, , 237-250.	1.2	0
35	Digital Recognition of Breast Cancer Using TakhisisNet. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2020, , 151-169.	0.3	0
36	Data Augmentation for Building an Ensemble of Convolutional Neural Networks. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 61-69.	0.6	8

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37	Texture descriptors and voxels for the early diagnosis of Alzheimer's disease. <i>Artificial Intelligence in Medicine</i> , 2019, 97, 19-26.	6.5	34
38	Deep learning and transfer learning features for plankton classification. <i>Ecological Informatics</i> , 2019, 51, 33-43.	5.2	117
39	Face Detection Ensemble with Methods Using Depth Information to Filter False Positives. <i>Sensors</i> , 2019, 19, 5242.	3.8	6
40	Texture descriptors for representing feature vectors. <i>Expert Systems With Applications</i> , 2019, 122, 163-172.	7.6	3
41	Set of approaches based on 3D structure and position specific-scoring matrix for predicting DNA-binding proteins. <i>Bioinformatics</i> , 2019, 35, 1844-1851.	4.1	13
42	Bioimage Classification with Handcrafted and Learned Features. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 874-885.	3.0	29
43	Convolutional Neural Networks for ATC Classification. <i>Current Pharmaceutical Design</i> , 2019, 24, 4007-4012.	1.9	29
44	Learning morphological operators for skin detection. <i>Journal of Artificial Intelligence and Systems</i> , 2019, 1, 60-76.	1.1	27
45	Bird and whale species identification using sound images. <i>IET Computer Vision</i> , 2018, 12, 178-184.	2.0	12
46	Ensemble of deep learning, visual and acoustic features for music genre classification. <i>Journal of New Music Research</i> , 2018, 47, 383-397.	0.8	31
47	Ensemble based on static classifier selection for automated diagnosis of Mild Cognitive Impairment. <i>Journal of Neuroscience Methods</i> , 2018, 302, 42-46.	2.5	27
48	Ensemble of texture descriptors and classifiers for face recognition. <i>Applied Computing and Informatics</i> , 2017, 13, 79-91.	5.9	21
49	Overview of the combination of biometric matchers. <i>Information Fusion</i> , 2017, 33, 71-85.	19.1	106
50	Multi-label classifier based on histogram of gradients for predicting the anatomical therapeutic chemical class/classes of a given compound. <i>Bioinformatics</i> , 2017, 33, 2837-2841.	4.1	22
51	An ensemble of visual features for Gaussians of local descriptors and non-binary coding for texture descriptors. <i>Expert Systems With Applications</i> , 2017, 82, 27-39.	7.6	9
52	Ensemble of texture descriptors for face recognition obtained by varying feature transforms and preprocessing approaches. <i>Applied Soft Computing Journal</i> , 2017, 61, 8-16.	7.2	17
53	How could a subcellular image, or a painting by Van Gogh, be similar to a great white shark or to a pizza?. <i>Pattern Recognition Letters</i> , 2017, 85, 1-7.	4.2	20
54	Handcrafted vs. non-handcrafted features for computer vision classification. <i>Pattern Recognition</i> , 2017, 71, 158-172.	8.1	380

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55	Texture Descriptors Ensembles Enable Image-Based Classification of Maturation of Human Stem Cell-Derived Retinal Pigmented Epithelium. PLoS ONE, 2016, 11, e0149399.	2.5	16
56	Ensembles of dense and dense sampling descriptors for the HEP-2 cells classification problem. Pattern Recognition Letters, 2016, 82, 28-35.	4.2	3
57	Combining multiple approaches for the early diagnosis of Alzheimer's Disease. Pattern Recognition Letters, 2016, 84, 259-266.	4.2	31
58	Multilayer descriptors for medical image classification. Computers in Biology and Medicine, 2016, 72, 239-247.	7.0	11
59	Weighted Rewardâ€Punishment Editing. Pattern Recognition Letters, 2016, 75, 48-54.	4.2	3
60	Combination of projectors, standard texture descriptors and bag of features for classifying images. Neurocomputing, 2016, 173, 1602-1614.	5.9	12
61	Combining visual and acoustic features for music genre classification. Expert Systems With Applications, 2016, 45, 108-117.	7.6	87
62	Ensemble of different approaches for a reliable person re-identification system. Applied Computing and Informatics, 2016, 12, 142-153.	5.9	14
63	Toward a General-Purpose Heterogeneous Ensemble for Pattern Classification. Computational Intelligence and Neuroscience, 2015, 2015, 1-10.	1.7	21
64	Heterogeneous machine learning system for improving the diagnosis of primary aldosteronism. Pattern Recognition Letters, 2015, 65, 124-130.	4.2	6
65	Computer vision for virus image classification. Biosystems Engineering, 2015, 138, 11-22.	4.3	29
66	Coupling different methods for overcoming the class imbalance problem. Neurocomputing, 2015, 158, 48-61.	5.9	105
67	Improving the descriptors extracted from the co-occurrence matrix using preprocessing approaches. Expert Systems With Applications, 2015, 42, 8989-9000.	7.6	15
68	A thermographic visual inspection system for crack detection in metal parts exploiting a robotic workcell. Robotics and Autonomous Systems, 2015, 74, 351-359.	5.1	11
69	Combining biometric matchers by means of machine learning and statistical approaches. Neurocomputing, 2015, 149, 526-535.	5.9	21
70	An Empirical Study of Different Approaches for Protein Classification. Scientific World Journal, The, 2014, 2014, 1-17.	2.1	53
71	Introduction to Local Binary Patterns: New Variants and Applications. Studies in Computational Intelligence, 2014, , 1-13.	0.9	14
72	Ensemble of Local Phase Quantization Variants with Ternary Encoding. Studies in Computational Intelligence, 2014, , 177-188.	0.9	10

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73	Ensemble of different local descriptors, codebook generation methods and subwindow configurations for building a reliable computer vision system. <i>Journal of King Saud University - Science</i> , 2014, 26, 89-100.	3.5	5
74	Indirect immunofluorescence image classification using texture descriptors. <i>Expert Systems With Applications</i> , 2014, 41, 2463-2471.	7.6	27
75	Prediction of protein structure classes by incorporating different protein descriptors into general Chou's pseudo amino acid composition. <i>Journal of Theoretical Biology</i> , 2014, 360, 109-116.	1.7	111
76	A set of descriptors for identifying the protein-drug interaction in cellular networking. <i>Journal of Theoretical Biology</i> , 2014, 359, 120-128.	1.7	22
77	Effective and precise face detection based on color and depth data. <i>Applied Computing and Informatics</i> , 2014, 10, 1-13.	5.9	24
78	Ensemble of shape descriptors for shape retrieval and classification. <i>International Journal of Advanced Intelligence Paradigms</i> , 2014, 6, 136.	0.3	10
79	Heterogeneous Ensemble of Classifiers for Sub-Cellular Image Classification Based on Local Ternary Patterns. <i>Studies in Computational Intelligence</i> , 2014, , 131-148.	0.9	0
80	An empirical study on the matrix-based protein representations and their combination with sequence-based approaches. <i>Amino Acids</i> , 2013, 44, 887-901.	2.7	20
81	A comparison of methods for extracting information from the co-occurrence matrix for subcellular classification. <i>Expert Systems With Applications</i> , 2013, 40, 7457-7467.	7.6	20
82	Artificial intelligence techniques for embryo and oocyte classification. <i>Reproductive BioMedicine Online</i> , 2013, 26, 42-49.	2.4	95
83	Heterogeneous bag-of-features for object/scene recognition. <i>Applied Soft Computing Journal</i> , 2013, 13, 2171-2178.	7.2	27
84	An ensemble of classifiers based on different texture descriptors for texture classification. <i>Journal of King Saud University - Science</i> , 2013, 25, 235-244.	3.5	17
85	Double committee adaboost. <i>Journal of King Saud University - Science</i> , 2013, 25, 29-37.	3.5	14
86	Different Approaches for Extracting Information from the Co-Occurrence Matrix. <i>PLoS ONE</i> , 2013, 8, e83554.	2.5	76
87	Non-Binary Coding for Texture Descriptors in Sub-Cellular and Stem Cell Image Classification. <i>Current Bioinformatics</i> , 2013, 8, 208-219.	1.5	40
88	A user dependent multi-resolution approach for biometric data. <i>International Journal of Information Technology and Management</i> , 2012, 11, 112.	0.1	2
89	Combining multiple approaches for gene microarray classification. <i>Bioinformatics</i> , 2012, 28, 1151-1157.	4.1	42
90	Identifying Bacterial Virulent Proteins by Fusing a Set of Classifiers Based on Variants of Chou's Pseudo Amino Acid Composition and on Evolutionary Information. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 467-475.	3.0	156

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91	Combining Face and Eye Detectors in a High- Performance Face-Detection System. IEEE MultiMedia, 2012, 19, 20-27.	1.7	24
92	Local phase quantization descriptor for improving shape retrieval/classification. Pattern Recognition Letters, 2012, 33, 2254-2260.	4.2	25
93	Wavelet images and Chou's pseudo amino acid composition for protein classification. Amino Acids, 2012, 43, 657-665.	2.7	117
94	A classifier ensemble approach for the missing feature problem. Artificial Intelligence in Medicine, 2012, 55, 37-50.	6.5	40
95	Random interest regions for object recognition based on texture descriptors and bag of features. Expert Systems With Applications, 2012, 39, 973-977.	7.6	13
96	A very high performing system to discriminate tissues in mammograms as benign and malignant. Expert Systems With Applications, 2012, 39, 1968-1971.	7.6	31
97	Matrix representation in pattern classification. Expert Systems With Applications, 2012, 39, 3031-3036.	7.6	14
98	Survey on LBP based texture descriptors for image classification. Expert Systems With Applications, 2012, 39, 3634-3641.	7.6	230
99	A simple method for improving local binary patterns by considering non-uniform patterns. Pattern Recognition, 2012, 45, 3844-3852.	8.1	56
100	Ensemble of Neural Networks for Automated Cell Phenotype Image Classification. , 2012, , 793-816.		0
101	Artificial intelligence systems based on texture descriptors for vaccine development. Amino Acids, 2011, 40, 443-451.	2.7	7
102	Local Ternary Patterns from Three Orthogonal Planes for human action classification. Expert Systems With Applications, 2011, 38, 5125-5128.	7.6	38
103	Likelihood ratio based features for a trained biometric score fusion. Expert Systems With Applications, 2011, 38, 58-63.	7.6	25
104	Wavelet selection for disease classification by DNA microarray data. Expert Systems With Applications, 2011, 38, 990-995.	7.6	25
105	Reduced Reward-punishment editing for building ensembles of classifiers. Expert Systems With Applications, 2011, 38, 2395-2400.	7.6	15
106	A new encoding technique for peptide classification. Expert Systems With Applications, 2011, 38, 3185-3191.	7.6	21
107	Combining different local binary pattern variants to boost performance. Expert Systems With Applications, 2011, 38, 6209-6216.	7.6	26
108	Texture descriptors for generic pattern classification problems. Expert Systems With Applications, 2011, 38, 9340-9345.	7.6	4

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109	Prototype reduction techniques: A comparison among different approaches. Expert Systems With Applications, 2011, 38, 11820-11828.	7.6	35
110	Combining local, regional and global matchers for a template protected on-line signature verification system. Expert Systems With Applications, 2010, 37, 3676-3684.	7.6	67
111	Predicting trait impressions of faces using local face recognition techniques. Expert Systems With Applications, 2010, 37, 5086-5093.	7.6	9
112	Data pre-processing through reward"punishment editing. Pattern Analysis and Applications, 2010, 13, 367-381.	4.6	12
113	Advanced machine learning techniques for microarray spot quality classification. Neural Computing and Applications, 2010, 19, 471-475.	5.6	6
114	Coding of amino acids by texture descriptors. Artificial Intelligence in Medicine, 2010, 48, 43-50.	6.5	6
115	Local binary patterns variants as texture descriptors for medical image analysis. Artificial Intelligence in Medicine, 2010, 49, 117-125.	6.5	419
116	Protein classification using texture descriptors extracted from the protein backbone image. Journal of Theoretical Biology, 2010, 264, 1024-1032.	1.7	24
117	High performance set of PseAAC and sequence based descriptors for protein classification. Journal of Theoretical Biology, 2010, 266, 1-10.	1.7	57
118	Orthogonal linear discriminant analysis and feature selection for micro-array data classification. Expert Systems With Applications, 2010, 37, 7132-7137.	7.6	9
119	A local approach based on a Local Binary Patterns variant texture descriptor for classifying pain states. Expert Systems With Applications, 2010, 37, 7888-7894.	7.6	102
120	Fusion of systems for automated cell phenotype image classification. Expert Systems With Applications, 2010, 37, 1556-1562.	7.6	17
121	Novel Features for Automated Cell Phenotype Image Classification. Advances in Experimental Medicine and Biology, 2010, 680, 207-213.	1.6	14
122	Protein classification combining surface analysis and primary structure. Protein Engineering, Design and Selection, 2009, 22, 267-272.	2.1	11
123	Particle swarm optimization for prototype reduction. Neurocomputing, 2009, 72, 1092-1097.	5.9	63
124	An ensemble of reduced alphabets with protein encoding based on grouped weight for predicting DNA-binding proteins. Amino Acids, 2009, 36, 167-175.	2.7	24
125	Using ensemble of classifiers for predicting HIV protease cleavage sites in proteins. Amino Acids, 2009, 36, 409-416.	2.7	36
126	A multi-matcher system based on knuckle-based features. Neural Computing and Applications, 2009, 18, 87-91.	5.6	34

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127	Particle swarm optimization for ensembling generation for evidential k-nearest-neighbour classifier. <i>Neural Computing and Applications</i> , 2009, 18, 105-108.	5.6	14
128	Machine learning multi-classifiers for peptide classification. <i>Neural Computing and Applications</i> , 2009, 18, 185-192.	5.6	3
129	Fusion of color spaces for ear authentication. <i>Pattern Recognition</i> , 2009, 42, 1906-1913.	8.1	76
130	Genetic nearest feature plane. <i>Expert Systems With Applications</i> , 2009, 36, 838-843.	7.6	3
131	Ensemble of on-line signature matchers based on OverComplete feature generation. <i>Expert Systems With Applications</i> , 2009, 36, 5291-5296.	7.6	31
132	A supervised method to discriminate between impostors and genuine in biometry. <i>Expert Systems With Applications</i> , 2009, 36, 10401-10407.	7.6	21
133	Input Decimated Ensemble based on Neighborhood Preserving Embedding for spectrogram classification. <i>Expert Systems With Applications</i> , 2009, 36, 11257-11261.	7.6	3
134	Descriptors for image-based fingerprint matchers. <i>Expert Systems With Applications</i> , 2009, 36, 12414-12422.	7.6	60
135	An experimental comparison of ensemble of classifiers for bankruptcy prediction and credit scoring. <i>Expert Systems With Applications</i> , 2009, 36, 3028-3033.	7.6	228
136	A genetic encoding approach for learning methods for combining classifiers. <i>Expert Systems With Applications</i> , 2009, 36, 7510-7514.	7.6	16
137	An ensemble of support vector machines for predicting virulent proteins. <i>Expert Systems With Applications</i> , 2009, 36, 7458-7462.	7.6	23
138	Fusion of classifiers for illumination robust face recognition. <i>Expert Systems With Applications</i> , 2009, 36, 8946-8954.	7.6	13
139	Ensemble generation and feature selection for the identification of students with learning disabilities. <i>Expert Systems With Applications</i> , 2009, 36, 3896-3900.	7.6	26
140	Ensemble of multiple Palmprint representation. <i>Expert Systems With Applications</i> , 2009, 36, 4485-4490.	7.6	25
141	On selecting Gabor features for biometric authentication. <i>International Journal of Computer Applications in Technology</i> , 2009, 35, 23.	0.5	11
142	A Further Step Toward an Optimal Ensemble of Classifiers for Peptide Classification, a Case Study: HIV Protease. <i>Protein and Peptide Letters</i> , 2009, 16, 163-167.	0.9	31
143	Cluster-Based Nearest-Neighbour Classifier and Its Application on the Lightning Classification. <i>Journal of Computer Science and Technology</i> , 2008, 23, 573-581.	1.5	1
144	Combing ontologies and dipeptide composition for predicting DNA-binding proteins. <i>Amino Acids</i> , 2008, 34, 635-641.	2.7	31

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145	Genetic programming for creating Chou's pseudo amino acid based features for submitochondria localization. <i>Amino Acids</i> , 2008, 34, 653-660.	2.7	178
146	An ensemble of support vector machines for predicting the membrane protein type directly from the amino acid sequence. <i>Amino Acids</i> , 2008, 35, 573-580.	2.7	33
147	Local binary patterns for a hybrid fingerprint matcher. <i>Pattern Recognition</i> , 2008, 41, 3461-3466.	8.1	176
148	Random subspace for an improved BioHashing for face authentication. <i>Pattern Recognition Letters</i> , 2008, 29, 295-300.	4.2	68
149	Generalized Needleman-Wunsch algorithm for the recognition of T-cell epitopes. <i>Expert Systems With Applications</i> , 2008, 35, 1463-1467.	7.6	7
150	Over-complete feature generation and feature selection for biometry. <i>Expert Systems With Applications</i> , 2008, 35, 2049-2055.	7.6	11
151	Advanced methods for two-class pattern recognition problem formulation for minutiae-based fingerprint verification. <i>Pattern Recognition Letters</i> , 2008, 29, 142-148.	4.2	14
152	A novel local on-line signature verification system. <i>Pattern Recognition Letters</i> , 2008, 29, 559-568.	4.2	60
153	Wavelet decomposition tree selection for palm and face authentication. <i>Pattern Recognition Letters</i> , 2008, 29, 343-353.	4.2	27
154	A multi-modal method based on the competitors of FVC2004 and on palm data combined with tokenised random numbers. <i>Pattern Recognition Letters</i> , 2008, 29, 1344-1350.	4.2	6
155	A genetic approach for building different alphabets for peptide and protein classification. <i>BMC Bioinformatics</i> , 2008, 9, 45.	2.6	34
156	A reliable method for cell phenotype image classification. <i>Artificial Intelligence in Medicine</i> , 2008, 43, 87-97.	6.5	60
157	Evolved Feature Weighting for Random Subspace Classifier. <i>IEEE Transactions on Neural Networks</i> , 2008, 19, 363-366.	4.2	24
158	A hybrid wavelet-based fingerprint matcher. <i>Pattern Recognition</i> , 2007, 40, 3146-3151.	8.1	38
159	Ensemblator: An ensemble of classifiers for reliable classification of biological data. <i>Pattern Recognition Letters</i> , 2007, 28, 622-630.	4.2	42
160	RegionBoost learning for 2D+3D based face recognition. <i>Pattern Recognition Letters</i> , 2007, 28, 2063-2070.	4.2	29
161	An improved BioHashing for human authentication. <i>Pattern Recognition</i> , 2007, 40, 1057-1065.	8.1	275
162	A multi-expert approach for wavelet-based face detection. <i>Pattern Recognition Letters</i> , 2007, 28, 1541-1547.	4.2	5

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163	Weighted Sub-Gabor for face recognition. Pattern Recognition Letters, 2007, 28, 487-492.	4.2	50
164	A multi-matcher for ear authentication. Pattern Recognition Letters, 2007, 28, 2219-2226.	4.2	73
165	Introduction to Neonatal Facial Pain Detection Using Common and Advanced Face Classification Techniques. Studies in Computational Intelligence, 2007, , 225-253.	0.9	59
166	Combination of different fingerprint systems: a case study FVC2004. Sensor Review, 2006, 26, 51-57.	1.8	9
167	Two-class fingerprint matcher. Pattern Recognition, 2006, 39, 714-716.	8.1	32
168	Detector of image orientation based on Borda Count. Pattern Recognition Letters, 2006, 27, 180-186.	4.2	39
169	Cluster-based pattern discrimination: A novel technique for feature selection. Pattern Recognition Letters, 2006, 27, 682-687.	4.2	25
170	Identifying splice-junction sequences by hierarchical multiclassifier. Pattern Recognition Letters, 2006, 27, 1390-1396.	4.2	8
171	FuzzyBagging: A novel ensemble of classifiers. Pattern Recognition, 2006, 39, 488-490.	8.1	29
172	A clustering method for automatic biometric template selection. Pattern Recognition, 2006, 39, 495-497.	8.1	53
173	An enhanced subspace method for face recognition. Pattern Recognition Letters, 2006, 27, 76-84.	4.2	15
174	Comparison among feature extraction methods for HIV-1 protease cleavage site prediction. Pattern Recognition, 2006, 39, 711-713.	8.1	36
175	Multi-resolution subspace for financial trading. Pattern Recognition Letters, 2006, 27, 109-115.	4.2	4
176	Machine learning for HIV-1 protease cleavage site prediction. Pattern Recognition Letters, 2006, 27, 1537-1544.	4.2	18
177	Experimental comparison of one-class classifiers for online signature verification. Neurocomputing, 2006, 69, 869-873.	5.9	67
178	A reliable method for the diagnosis of gastric carcinoma. Neurocomputing, 2006, 69, 862-865.	5.9	1
179	Human authentication featuring signatures and tokenised random numbers. Neurocomputing, 2006, 69, 858-861.	5.9	11
180	Machine learning algorithms for T-cell epitopes prediction. Neurocomputing, 2006, 69, 866-868.	5.9	21

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181	Ensemble of classifiers for protein fold recognition. <i>Neurocomputing</i> , 2006, 69, 850-853.	5.9	24
182	Advanced methods for two-class problem formulation for on-line signature verification. <i>Neurocomputing</i> , 2006, 69, 854-857.	5.9	48
183	A reliable method for HIV-1 protease cleavage site prediction. <i>Neurocomputing</i> , 2006, 69, 838-841.	5.9	9
184	A novel method for fingerprint verification that approaches the problem as a two-class pattern recognition problem. <i>Neurocomputing</i> , 2006, 69, 846-849.	5.9	3
185	An ensemble of classifiers for the diagnosis of erythematous diseases. <i>Neurocomputing</i> , 2006, 69, 842-845.	5.9	51
186	A reliable method for designing an automatic karyotyping system. <i>Neurocomputing</i> , 2006, 69, 1739-1742.	5.9	6
187	An advanced multi-modal method for human authentication featuring biometrics data and tokenised random numbers. <i>Neurocomputing</i> , 2006, 69, 1706-1710.	5.9	16
188	Random Bands: A novel ensemble for fingerprint matching. <i>Neurocomputing</i> , 2006, 69, 1702-1705.	5.9	5
189	An experimental comparison of ensemble of classifiers for biometric data. <i>Neurocomputing</i> , 2006, 69, 1670-1673.	5.9	11
190	An approach for improving face recognition in presence of inaccurate detection. <i>Neurocomputing</i> , 2006, 69, 1678-1682.	5.9	0
191	A novel ensemble of classifiers for protein fold recognition. <i>Neurocomputing</i> , 2006, 69, 2434-2437.	5.9	52
192	An advanced multi-matcher method for on-line signature verification featuring global features and tokenised random numbers. <i>Neurocomputing</i> , 2006, 69, 2402-2406.	5.9	21
193	MppS: An ensemble of support vector machine based on multiple physicochemical properties of amino acids. <i>Neurocomputing</i> , 2006, 69, 1688-1690.	5.9	41
194	Empirical tests on BioHashing. <i>Neurocomputing</i> , 2006, 69, 2390-2395.	5.9	40
195	A deformation-invariant image-based fingerprint verification system. <i>Neurocomputing</i> , 2006, 69, 2336-2339.	5.9	7
196	An ensemble of K-local hyperplanes for predicting protein-protein interactions. <i>Bioinformatics</i> , 2006, 22, 1207-1210.	4.1	157
197	Fusion of classifiers for protein fold recognition. <i>Neurocomputing</i> , 2005, 68, 315-321.	5.9	6
198	Fusion of classifiers for predicting protein-protein interactions. <i>Neurocomputing</i> , 2005, 68, 289-296.	5.9	42

#	ARTICLE	IF	CITATIONS
199	An efficient fingerprint verification system using integrated gabor filters and Parzen Window Classifier. Neurocomputing, 2005, 68, 208-216.	5.9	21
200	Ensemble of Parzen window classifiers for on-line signature verification. Neurocomputing, 2005, 68, 217-224.	5.9	57
201	Hyperplanes for predicting protein-protein interactions. Neurocomputing, 2005, 69, 257-263.	5.9	85
202	Multihashing, human authentication featuring biometrics data and tokenized random number: A case study FVC2004. Neurocomputing, 2005, 69, 242-249.	5.9	24
203	Combining Multiple Matchers for Fingerprint Verification: A Case Study in FVC2004. Lecture Notes in Computer Science, 2005, , 1035-1042.	1.3	19
204	Ensemble of Neural Networks for Automated Cell Phenotype Image Classification. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 234-259.	0.4	1