Loris Nanni

List of Publications by Year in Descending Order

204 papers	5,636 citations	39 h-index	65 g-index
206 ext. papers	6,706 ext. citations	4.8 avg, IF	6.63 L-index

#	Paper	IF	Citations
204	Comparisons among different stochastic selections of activation layers for convolutional neural networks for health care **2022**, 151-164		
203	High performing ensemble of convolutional neural networks for insect pest image detection. *Ecological Informatics*, **2022**, 67, 101515	4.2	5
202	Pushing the Limits Against the No Free Lunch Theorem: Towards Building General-Purpose (GenP) Classification Systems. *Learning and Analytics in Intelligent Systems*, **2022**, 77-102	0.3	
201	Fabric defect detection based on completed local quartet patterns and majority decision algorithm. *Expert Systems With Applications*, **2022**, 198, 116827	7.8	8
200	An Empirical Study on Ensemble of Segmentation Approaches. *Signals*, **2022**, 3, 341-358	1.2	1
199	Comparison of Different Image Data Augmentation Approaches.. *Journal of Imaging*, **2021**, 7,	3.1	5
198	Deep Ensembles Based on Stochastic Activations for Semantic Segmentation. *Signals*, **2021**, 2, 820-833	1.2	
197	Impact of Lung Segmentation on the Diagnosis and Explanation of COVID-19 in Chest X-ray Images. *Sensors*, **2021**, 21,	3.8	21
196	Robust ensemble of handcrafted and learned approaches for DNA-binding proteins. *Applied Computing and Informatics*, **2021**, ahead-of-print,	4.2	1
195	An Ensemble of Convolutional Neural Networks for Audio Classification. *Applied Sciences (Switzerland)*, **2021**, 11, 5796	2.6	13
194	Postprocessing for Skin Detection. *Journal of Imaging*, **2021**, 7, 95	3.1	1
193	On the Importance of Passive Acoustic Monitoring Filters. *Journal of Marine Science and Engineering* , **2021**, 9, 685	2.4	
192	Ensemble of convolutional neural networks trained with different activation functions. *Expert Systems With Applications*, **2021**, 166, 114048	7.8	17
191	Experiments of Image Classification Using Dissimilarity Spaces Built with Siamese Networks. *Sensors*, **2021**, 21,	3.8	3
190	Deep Features for Training Support Vector Machines. *Journal of Imaging*, **2021**, 7,	3.1	5
189	Image orientation detection by ensembles of Stochastic CNNs. *Machine Learning With Applications*, **2021**, 6, 100090	6.5	2
188	A critic evaluation of methods for COVID-19 automatic detection from X-ray images. *Information Fusion*, **2021**, 76, 1-7	16.7	69

187	Stochastic Selection of Activation Layers for Convolutional Neural Networks. *Sensors*, **2020**, 20,	3.8	14
186	Spectrogram Classification Using Dissimilarity Space. *Applied Sciences (Switzerland)*, **2020**, 10, 4176	2.6	7
185	Ensemble of convolutional neural networks to improve animal audio classification. *Eurasip Journal on Audio, Speech, and Music Processing*, **2020**, 2020,	2.3	16
184	Fair comparison of skin detection approaches on publicly available datasets. *Expert Systems With Applications*, **2020**, 160, 113677	7.8	9
183	Insect pest image detection and recognition based on bio-inspired methods. *Ecological Informatics*, **2020**, 57, 101089	4.2	26
182	Digital Recognition of Breast Cancer Using TakhisisNet. *Advances in Medical Technologies and Clinical Practice Book Series*, **2020**, 151-169	0.3	
181	Deep Learning and Handcrafted Features for Virus Image Classification. *Journal of Imaging*, **2020**, 6,	3.1	10
180	Ensemble of Handcrafted and Deep Learned Features for Cervical Cell Classification. *Intelligent Systems Reference Library*, **2020**, 117-135	0.8	0
179	Convolutional Neural Networks for 3D Protein Classification. *Intelligent Systems Reference Library*, **2020**, 237-250	0.8	
178	Ensemble of Deep Learning Approaches for ATC Classification. *Smart Innovation, Systems and Technologies*, **2020**, 117-125	0.5	0
177	Deep learning for plankton and coral classification. *Applied Computing and Informatics*, **2020**, ahead-of-print,	4.2	17
176	Comparison of Transfer Learning and Conventional Machine Learning Applied to Structural Brain MRI for the Early Diagnosis and Prognosis of Alzheimer's Disease. *Frontiers in Neurology*, **2020**, 11, 576194	4.1	15
175	The Computerization of Archaeology: Survey on Artificial Intelligence Techniques. *SN Computer Science*, **2020**, 1, 1	2	4
174	Anatomical Therapeutic Chemical Classification (ATC) With Multi-Label Learners and Deep Features. *International Journal of Natural Computing Research*, **2020**, 9, 16-29	0.6	1
173	Animal Sound Classification Using Dissimilarity Spaces. *Applied Sciences (Switzerland)*, **2020**, 10, 8578	2.6	5
172	iProStruct2D: Identifying protein structural classes by deep learning via 2D representations. *Expert Systems With Applications*, **2020**, 142, 113019	7.8	9
171	Data augmentation approaches for improving animal audio classification. *Ecological Informatics*, **2020**, 57, 101084	4.2	26
170	Data Augmentation for Building an Ensemble of Convolutional Neural Networks. *Smart Innovation, Systems and Technologies*, **2019**, 61-69	0.5	6

169	Texture descriptors and voxels for the early diagnosis of Alzheimer's disease. *Artificial Intelligence in Medicine*, **2019**, 97, 19-26	7.4	20
168	Deep learning and transfer learning features for plankton classification. *Ecological Informatics*, **2019**, 51, 33-43	4.2	52
167	Learning morphological operators for skin detection. *Journal of Artificial Intelligence and Systems*, **2019**, 1, 60-76	3.3	6
166	Face Detection Ensemble with Methods Using Depth Information to Filter False Positives. *Sensors*, **2019**, 19,	3.8	4
165	Texture descriptors for representing feature vectors. *Expert Systems With Applications*, **2019**, 122, 163-172	7.8	3
164	Set of approaches based on 3D structure and position specific-scoring matrix for predicting DNA-binding proteins. *Bioinformatics*, **2019**, 35, 1844-1851	7.2	9
163	Bird and whale species identification using sound images. *IET Computer Vision*, **2018**, 12, 178-184	1.4	7
162	Ensemble of deep learning, visual and acoustic features for music genre classification. *Journal of New Music Research*, **2018**, 47, 383-397	1.1	17
161	Convolutional Neural Networks for ATC Classification. *Current Pharmaceutical Design*, **2018**, 24, 4007-4012	3.3	11
160	Bioimage Classification with Handcrafted and Learned Features. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2018**,	3	17
159	Ensemble based on static classifier selection for automated diagnosis of Mild Cognitive Impairment. *Journal of Neuroscience Methods*, **2018**, 302, 42-46	3	15
158	Ensemble of texture descriptors and classifiers for face recognition. *Applied Computing and Informatics*, **2017**, 13, 79-91	4.2	15
157	Overview of the combination of biometric matchers. *Information Fusion*, **2017**, 33, 71-85	16.7	77
156	Multi-label classifier based on histogram of gradients for predicting the anatomical therapeutic chemical class/classes of a given compound. *Bioinformatics*, **2017**, 33, 2837-2841	7.2	11
155	An ensemble of visual features for Gaussians of local descriptors and non-binary coding for texture descriptors. *Expert Systems With Applications*, **2017**, 82, 27-39	7.8	9
154	Ensemble of texture descriptors for face recognition obtained by varying feature transforms and preprocessing approaches. *Applied Soft Computing Journal*, **2017**, 61, 8-16	7.5	13
153	How could a subcellular image, or a painting by Van Gogh, be similar to a great white shark or to a pizza?. *Pattern Recognition Letters*, **2017**, 85, 1-7	4.7	18
152	Handcrafted vs. non-handcrafted features for computer vision classification. *Pattern Recognition*, **2017**, 71, 158-172	7.7	232

151	Combining visual and acoustic features for music genre classification. *Expert Systems With Applications*, **2016**, 45, 108-117	7.8	56
150	Ensemble of different approaches for a reliable person re-identification system. *Applied Computing and Informatics*, **2016**, 12, 142-153	4.2	9
149	Combining multiple approaches for the early diagnosis of Alzheimer's Disease. *Pattern Recognition Letters*, **2016**, 84, 259-266	4.7	22
148	Multilayer descriptors for medical image classification. *Computers in Biology and Medicine*, **2016**, 72, 239-247	1.7	9
147	Weighted Reward-Punishment Editing. *Pattern Recognition Letters*, **2016**, 75, 48-54	4.7	2
146	Combination of projectors, standard texture descriptors and bag of features for classifying images. *Neurocomputing*, **2016**, 173, 1602-1614	5.4	11
145	Texture Descriptors Ensembles Enable Image-Based Classification of Maturation of Human Stem Cell-Derived Retinal Pigmented Epithelium. *PLoS ONE*, **2016**, 11, e0149399	3.7	12
144	Ensembles of dense and dense sampling descriptors for the HEp-2 cells classification problem. *Pattern Recognition Letters*, **2016**, 82, 28-35	4.7	3
143	Coupling different methods for overcoming the class imbalance problem. *Neurocomputing*, **2015**, 158, 48-61	5.4	80
142	Improving the descriptors extracted from the co-occurrence matrix using preprocessing approaches. *Expert Systems With Applications*, **2015**, 42, 8989-9000	7.8	14
141	A thermographic visual inspection system for crack detection in metal parts exploiting a robotic workcell. *Robotics and Autonomous Systems*, **2015**, 74, 351-359	3.5	7
140	Combining biometric matchers by means of machine learning and statistical approaches. *Neurocomputing*, **2015**, 149, 526-535	5.4	17
139	Classifier Ensemble Methods **2015**, 1-12		2
138	Toward a General-Purpose Heterogeneous Ensemble for Pattern Classification. *Computational Intelligence and Neuroscience*, **2015**, 2015, 909123	3	15
137	Heterogeneous machine learning system for improving the diagnosis of primary aldosteronism. *Pattern Recognition Letters*, **2015**, 65, 124-130	4.7	3
136	Computer vision for virus image classification. *Biosystems Engineering*, **2015**, 138, 11-22	4.8	22
135	Indirect immunofluorescence image classification using texture descriptors. *Expert Systems With Applications*, **2014**, 41, 2463-2471	7.8	21
134	Prediction of protein structure classes by incorporating different protein descriptors into general Chou's pseudo amino acid composition. *Journal of Theoretical Biology*, **2014**, 360, 109-116	2.3	101

133	A set of descriptors for identifying the protein-drug interaction in cellular networking. *Journal of Theoretical Biology*, **2014**, 359, 120-8	2.3	19
132	Effective and precise face detection based on color and depth data. *Applied Computing and Informatics*, **2014**, 10, 1-13	4.2	15
131	Ensemble of shape descriptors for shape retrieval and classification. *International Journal of Advanced Intelligence Paradigms*, **2014**, 6, 136	0.5	5
130	An empirical study of different approaches for protein classification. *Scientific World Journal, The*, **2014**, 2014, 236717	2.2	43
129	Introduction to Local Binary Patterns: New Variants and Applications. *Studies in Computational Intelligence*, **2014**, 1-13	0.8	8
128	Ensemble of Local Phase Quantization Variants with Ternary Encoding. *Studies in Computational Intelligence*, **2014**, 177-188	0.8	10
127	Ensemble of different local descriptors, codebook generation methods and subwindow configurations for building a reliable computer vision system. *Journal of King Saud University - Science*, **2014**, 26, 89-100	3.6	3
126	Heterogeneous Ensemble of Classifiers for Sub-Cellular Image Classification Based on Local Ternary Patterns. *Studies in Computational Intelligence*, **2014**, 131-148	0.8	
125	An empirical study on the matrix-based protein representations and their combination with sequence-based approaches. *Amino Acids*, **2013**, 44, 887-901	3.5	16
124	A comparison of methods for extracting information from the co-occurrence matrix for subcellular classification. *Expert Systems With Applications*, **2013**, 40, 7457-7467	7.8	17
123	Artificial intelligence techniques for embryo and oocyte classification. *Reproductive BioMedicine Online*, **2013**, 26, 42-9	4	55
122	Heterogeneous bag-of-features for object/scene recognition. *Applied Soft Computing Journal*, **2013**, 13, 2171-2178	7.5	19
121	An ensemble of classifiers based on different texture descriptors for texture classification. *Journal of King Saud University - Science*, **2013**, 25, 235-244	3.6	14
120	Double committee adaboost. *Journal of King Saud University - Science*, **2013**, 25, 29-37	3.6	13
119	Different approaches for extracting information from the co-occurrence matrix. *PLoS ONE*, **2013**, 8, e83554	3.7	61
118	Non-Binary Coding for Texture Descriptors in Sub-Cellular and Stem Cell Image Classification. *Current Bioinformatics*, **2013**, 8, 208-219	4.7	39
117	Random interest regions for object recognition based on texture descriptors and bag of features. *Expert Systems With Applications*, **2012**, 39, 973-977	7.8	11
116	A very high performing system to discriminate tissues in mammograms as benign and malignant. *Expert Systems With Applications*, **2012**, 39, 1968-1971	7.8	27

115	Matrix representation in pattern classification. *Expert Systems With Applications*, **2012**, 39, 3031-3036	7.8	13
114	Survey on LBP based texture descriptors for image classification. *Expert Systems With Applications*, **2012**, 39, 3634-3641	7.8	187
113	A simple method for improving local binary patterns by considering non-uniform patterns. *Pattern Recognition*, **2012**, 45, 3844-3852	7.7	50
112	Combining multiple approaches for gene microarray classification. *Bioinformatics*, **2012**, 28, 1151-7	7.2	37
111	Identifying bacterial virulent proteins by fusing a set of classifiers based on variants of Chou's pseudo amino acid composition and on evolutionary information. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2012**, 9, 467-75	3	135
110	Combining Face and Eye Detectors in a High- Performance Face-Detection System. *IEEE MultiMedia*, **2012**, 19, 20-27	2.1	20
109	Local phase quantization descriptor for improving shape retrieval/classification. *Pattern Recognition Letters*, **2012**, 33, 2254-2260	4.7	22
108	Wavelet images and Chou's pseudo amino acid composition for protein classification. *Amino Acids*, **2012**, 43, 657-65	3.5	93
107	A classifier ensemble approach for the missing feature problem. *Artificial Intelligence in Medicine*, **2012**, 55, 37-50	7.4	32
106	A user dependent multi-resolution approach for biometric data. *International Journal of Information Technology and Management*, **2012**, 11, 112	0.2	2
105	Ensemble of Neural Networks for Automated Cell Phenotype Image Classification **2012**, 793-816		
104	Artificial intelligence systems based on texture descriptors for vaccine development. *Amino Acids*, **2011**, 40, 443-51	3.5	7
103	Local Ternary Patterns from Three Orthogonal Planes for human action classification. *Expert Systems With Applications*, **2011**, 38, 5125-5128	7.8	31
102	Likelihood ratio based features for a trained biometric score fusion. *Expert Systems With Applications*, **2011**, 38, 58-63	7.8	19
101	Wavelet selection for disease classification by DNA microarray data. *Expert Systems With Applications*, **2011**, 38, 990-995	7.8	19
100	Reduced Reward-punishment editing for building ensembles of classifiers. *Expert Systems With Applications*, **2011**, 38, 2395-2400	7.8	14
99	A new encoding technique for peptide classification. *Expert Systems With Applications*, **2011**, 38, 3185-3191	7.8	15
98	Combining different local binary pattern variants to boost performance. *Expert Systems With Applications*, **2011**, 38, 6209-6216	7.8	22

97	Texture descriptors for generic pattern classification problems. *Expert Systems With Applications*, **2011**, 38, 9340-9345	7.8	3
96	Prototype reduction techniques: A comparison among different approaches. *Expert Systems With Applications*, **2011**, 38, 11820-11828	7.8	30
95	Combining local, regional and global matchers for a template protected on-line signature verification system. *Expert Systems With Applications*, **2010**, 37, 3676-3684	7.8	56
94	Predicting trait impressions of faces using local face recognition techniques. *Expert Systems With Applications*, **2010**, 37, 5086-5093	7.8	8
93	Data pre-processing through reward–punishment editing. *Pattern Analysis and Applications*, **2010**, 13, 367-381	2.3	10
92	Advanced machine learning techniques for microarray spot quality classification. *Neural Computing and Applications*, **2010**, 19, 471-475	4.8	6
91	Coding of amino acids by texture descriptors. *Artificial Intelligence in Medicine*, **2010**, 48, 43-50	7.4	5
90	Local binary patterns variants as texture descriptors for medical image analysis. *Artificial Intelligence in Medicine*, **2010**, 49, 117-25	7.4	336
89	Protein classification using texture descriptors extracted from the protein backbone image. *Journal of Theoretical Biology*, **2010**, 264, 1024-32	2.3	24
88	High performance set of PseAAC and sequence based descriptors for protein classification. *Journal of Theoretical Biology*, **2010**, 266, 1-10	2.3	47
87	Orthogonal linear discriminant analysis and feature selection for micro-array data classification. *Expert Systems With Applications*, **2010**, 37, 7132-7137	7.8	8
86	A local approach based on a Local Binary Patterns variant texture descriptor for classifying pain states. *Expert Systems With Applications*, **2010**, 37, 7888-7894	7.8	82
85	Fusion of systems for automated cell phenotype image classification. *Expert Systems With Applications*, **2010**, 37, 1556-1562	7.8	15
84	Novel features for automated cell phenotype image classification. *Advances in Experimental Medicine and Biology*, **2010**, 680, 207-13	3.6	11
83	Protein classification combining surface analysis and primary structure. *Protein Engineering, Design and Selection*, **2009**, 22, 267-72	1.9	8
82	Particle swarm optimization for prototype reduction. *Neurocomputing*, **2009**, 72, 1092-1097	5.4	51
81	An ensemble of reduced alphabets with protein encoding based on grouped weight for predicting DNA-binding proteins. *Amino Acids*, **2009**, 36, 167-75	3.5	24
80	Using ensemble of classifiers for predicting HIV protease cleavage sites in proteins. *Amino Acids*, **2009**, 36, 409-16	3.5	25

79	A multi-matcher system based on knuckle-based features. *Neural Computing and Applications*, **2009**, 18, 87-91	4.8	26
78	Particle swarm optimization for ensembling generation for evidential k-nearest-neighbour classifier. *Neural Computing and Applications*, **2009**, 18, 105-108	4.8	11
77	Machine learning multi-classifiers for peptide classification. *Neural Computing and Applications*, **2009**, 18, 185-192	4.8	3
76	Fusion of color spaces for ear authentication. *Pattern Recognition*, **2009**, 42, 1906-1913	7.7	66
75	Genetic nearest feature plane. *Expert Systems With Applications*, **2009**, 36, 838-843	7.8	2
74	Ensemble of on-line signature matchers based on OverComplete feature generation. *Expert Systems With Applications*, **2009**, 36, 5291-5296	7.8	31
73	A supervised method to discriminate between impostors and genuine in biometry. *Expert Systems With Applications*, **2009**, 36, 10401-10407	7.8	19
72	Input Decimated Ensemble based on Neighborhood Preserving Embedding for spectrogram classification. *Expert Systems With Applications*, **2009**, 36, 11257-11261	7.8	2
71	Descriptors for image-based fingerprint matchers. *Expert Systems With Applications*, **2009**, 36, 12414-12422	7.8	46
70	An experimental comparison of ensemble of classifiers for bankruptcy prediction and credit scoring. *Expert Systems With Applications*, **2009**, 36, 3028-3033	7.8	170
69	A genetic encoding approach for learning methods for combining classifiers. *Expert Systems With Applications*, **2009**, 36, 7510-7514	7.8	14
68	An ensemble of support vector machines for predicting virulent proteins. *Expert Systems With Applications*, **2009**, 36, 7458-7462	7.8	20
67	Fusion of classifiers for illumination robust face recognition. *Expert Systems With Applications*, **2009**, 36, 8946-8954	7.8	9
66	Ensemble generation and feature selection for the identification of students with learning disabilities. *Expert Systems With Applications*, **2009**, 36, 3896-3900	7.8	21
65	Ensemble of multiple Palmprint representation. *Expert Systems With Applications*, **2009**, 36, 4485-4490	7.8	19
64	On selecting Gabor features for biometric authentication. *International Journal of Computer Applications in Technology*, **2009**, 35, 23	0.7	8
63	A further step toward an optimal ensemble of classifiers for peptide classification, a case study: HIV protease. *Protein and Peptide Letters*, **2009**, 16, 163-7	1.9	26
62	A genetic approach for building different alphabets for peptide and protein classification. *BMC Bioinformatics*, **2008**, 9, 45	3.6	29

61	A reliable method for cell phenotype image classification. *Artificial Intelligence in Medicine*, **2008**, 43, 87-97	7.4	56
60	Evolved feature weighting for random subspace classifier. *IEEE Transactions on Neural Networks*, **2008**, 19, 363-6		21
59	Cluster-Based Nearest-Neighbour Classifier and Its Application on the Lightning Classification. *Journal of Computer Science and Technology*, **2008**, 23, 573-581	1.7	1
58	Combing ontologies and dipeptide composition for predicting DNA-binding proteins. *Amino Acids*, **2008**, 34, 635-41	3.5	28
57	Genetic programming for creating Chou's pseudo amino acid based features for submitochondria localization. *Amino Acids*, **2008**, 34, 653-60	3.5	158
56	An ensemble of support vector machines for predicting the membrane protein type directly from the amino acid sequence. *Amino Acids*, **2008**, 35, 573-80	3.5	28
55	Local binary patterns for a hybrid fingerprint matcher. *Pattern Recognition*, **2008**, 41, 3461-3466	7.7	131
54	Random subspace for an improved BioHashing for face authentication. *Pattern Recognition Letters*, **2008**, 29, 295-300	4.7	59
53	Generalized Needleman–Wunsch algorithm for the recognition of T-cell epitopes. *Expert Systems With Applications*, **2008**, 35, 1463-1467	7.8	6
52	Over-complete feature generation and feature selection for biometry. *Expert Systems With Applications*, **2008**, 35, 2049-2055	7.8	11
51	Advanced methods for two-class pattern recognition problem formulation for minutiae-based fingerprint verification. *Pattern Recognition Letters*, **2008**, 29, 142-148	4.7	10
50	A novel local on-line signature verification system. *Pattern Recognition Letters*, **2008**, 29, 559-568	4.7	49
49	Wavelet decomposition tree selection for palm and face authentication. *Pattern Recognition Letters* , **2008**, 29, 343-353	4.7	23
48	A multi-modal method based on the competitors of FVC2004 and on palm data combined with tokenised random numbers. *Pattern Recognition Letters*, **2008**, 29, 1344-1350	4.7	6
47	A hybrid wavelet-based fingerprint matcher. *Pattern Recognition*, **2007**, 40, 3146-3151	7.7	33
46	Ensemblator: An ensemble of classifiers for reliable classification of biological data. *Pattern Recognition Letters*, **2007**, 28, 622-630	4.7	37
45	RegionBoost learning for 2D+3D based face recognition. *Pattern Recognition Letters*, **2007**, 28, 2063-2070	4.7	26
44	An improved BioHashing for human authentication. *Pattern Recognition*, **2007**, 40, 1057-1065	7.7	218

43	A multi-expert approach for wavelet-based face detection. *Pattern Recognition Letters*, **2007**, 28, 1541-1547	4.7	5
42	Weighted Sub-Gabor for face recognition. *Pattern Recognition Letters*, **2007**, 28, 487-492	4.7	37
41	A multi-matcher for ear authentication. *Pattern Recognition Letters*, **2007**, 28, 2219-2226	4.7	60
40	Introduction to Neonatal Facial Pain Detection Using Common and Advanced Face Classification Techniques. *Studies in Computational Intelligence*, **2007**, 225-253	0.8	42
39	Comparison among feature extraction methods for HIV-1 protease cleavage site prediction. *Pattern Recognition*, **2006**, 39, 711-713	7.7	30
38	Multi-resolution subspace for financial trading. *Pattern Recognition Letters*, **2006**, 27, 109-115	4.7	4
37	Machine learning for HIV-1 protease cleavage site prediction. *Pattern Recognition Letters*, **2006**, 27, 1537-1544	4.7	15
36	Experimental comparison of one-class classifiers for online signature verification. *Neurocomputing*, **2006**, 69, 869-873	5.4	58
35	A reliable method for the diagnosis of gastric carcinoma. *Neurocomputing*, **2006**, 69, 862-865	5.4	1
34	Human authentication featuring signatures and tokenised random numbers. *Neurocomputing*, **2006**, 69, 858-861	5.4	10
33	Machine learning algorithms for T-cell epitopes prediction. *Neurocomputing*, **2006**, 69, 866-868	5.4	20
32	Ensemble of classifiers for protein fold recognition. *Neurocomputing*, **2006**, 69, 850-853	5.4	20
31	Advanced methods for two-class problem formulation for on-line signature verification. *Neurocomputing*, **2006**, 69, 854-857	5.4	42
30	A reliable method for HIV-1 protease cleavage site prediction. *Neurocomputing*, **2006**, 69, 838-841	5.4	9
29	A novel method for fingerprint verification that approaches the problem as a two-class pattern recognition problem. *Neurocomputing*, **2006**, 69, 846-849	5.4	3
28	An ensemble of classifiers for the diagnosis of erythemato-squamous diseases. *Neurocomputing*, **2006**, 69, 842-845	5.4	41
27	A reliable method for designing an automatic karyotyping system. *Neurocomputing*, **2006**, 69, 1739-1742	5.4	6
26	An advanced multi-modal method for human authentication featuring biometrics data and tokenised random numbers. *Neurocomputing*, **2006**, 69, 1706-1710	5.4	12

25	Random Bands: A novel ensemble for fingerprint matching. *Neurocomputing*, **2006**, 69, 1702-1705	5.4	4
24	An experimental comparison of ensemble of classifiers for biometric data. *Neurocomputing*, **2006**, 69, 1670-1673	5.4	10
23	An approach for improving face recognition in presence of inaccurate detection. *Neurocomputing*, **2006**, 69, 1678-1682	5.4	
22	A novel ensemble of classifiers for protein fold recognition. *Neurocomputing*, **2006**, 69, 2434-2437	5.4	44
21	An advanced multi-matcher method for on-line signature verification featuring global features and tokenised random numbers. *Neurocomputing*, **2006**, 69, 2402-2406	5.4	17
20	MppS: An ensemble of support vector machine based on multiple physicochemical properties of amino acids. *Neurocomputing*, **2006**, 69, 1688-1690	5.4	38
19	Empirical tests on BioHashing. *Neurocomputing*, **2006**, 69, 2390-2395	5.4	31
18	A deformation-invariant image-based fingerprint verification system. *Neurocomputing*, **2006**, 69, 2336-2339	5.4	7
17	An ensemble of K-local hyperplanes for predicting protein-protein interactions. *Bioinformatics*, **2006**, 22, 1207-10	7.2	137
16	Combination of different fingerprint systems: a case study FVC2004. *Sensor Review*, **2006**, 26, 51-57	1.4	9
15	Two-class fingerprint matcher. *Pattern Recognition*, **2006**, 39, 714-716	7.7	27
14	Detector of image orientation based on Borda Count. *Pattern Recognition Letters*, **2006**, 27, 180-186	4.7	33
13	Cluster-based pattern discrimination: A novel technique for feature selection. *Pattern Recognition Letters*, **2006**, 27, 682-687	4.7	22
12	Identifying splice-junction sequences by hierarchical multiclassifier. *Pattern Recognition Letters*, **2006**, 27, 1390-1396	4.7	8
11	FuzzyBagging: A novel ensemble of classifiers. *Pattern Recognition*, **2006**, 39, 488-490	7.7	28
10	A clustering method for automatic biometric template selection. *Pattern Recognition*, **2006**, 39, 495-497	7.7	45
9	An enhanced subspace method for face recognition. *Pattern Recognition Letters*, **2006**, 27, 76-84	4.7	14
8	Fusion of classifiers for protein fold recognition. *Neurocomputing*, **2005**, 68, 315-321	5.4	6

7	Fusion of classifiers for predicting protein–protein interactions. *Neurocomputing*, **2005**, 68, 289-296	5.4	35
6	An efficient fingerprint verification system using integrated gabor filters and Parzen Window Classifier. *Neurocomputing*, **2005**, 68, 208-216	5.4	20
5	Ensemble of Parzen window classifiers for on-line signature verification. *Neurocomputing*, **2005**, 68, 217-224	5.4	53
4	Hyperplanes for predicting protein–protein interactions. *Neurocomputing*, **2005**, 69, 257-263	5.4	72
3	Multihashing, human authentication featuring biometrics data and tokenized random number: A case study FVC2004. *Neurocomputing*, **2005**, 69, 242-249	5.4	23
2	Combining Multiple Matchers for Fingerprint Verification: A Case Study in FVC2004. *Lecture Notes in Computer Science*, **2005**, 1035-1042	0.9	14
1	Ensemble of Neural Networks for Automated Cell Phenotype Image Classification. *Advances in Bioinformatics and Biomedical Engineering Book Series*,234-259	0.4	1