# Alessandra Lumini

### List of Publications by Citations

Source: https://exaly.com/author-pdf/7319679/alessandra-lumini-publications-by-citations.pdf

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

164 papers

4,778 citations

36 h-index

64 g-index

169 ext. papers

5,568 ext. citations

4.8 avg, IF

6.14 L-index

#	Paper	IF	Citations
164	Local binary patterns variants as texture descriptors for medical image analysis. <i>Artificial Intelligence in Medicine</i> , <b>2010</b> , 49, 117-25	7.4	336
163	An improved BioHashing for human authentication. <i>Pattern Recognition</i> , <b>2007</b> , 40, 1057-1065	7.7	218
162	Survey on LBP based texture descriptors for image classification. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 3634-3641	7.8	187
161	Fingerprint classification by directional image partitioning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1999</b> , 21, 402-421	13.3	187
160	An experimental comparison of ensemble of classifiers for bankruptcy prediction and credit scoring. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 3028-3033	7.8	170
159	Fingerprint image reconstruction from standard templates. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2007</b> , 29, 1489-503	13.3	161
158	Genetic programming for creating Chou's pseudo amino acid based features for submitochondria localization. <i>Amino Acids</i> , <b>2008</b> , 34, 653-60	3.5	158
157	An ensemble of K-local hyperplanes for predicting protein-protein interactions. <i>Bioinformatics</i> , <b>2006</b> , 22, 1207-10	7.2	137
156	Identifying bacterial virulent proteins by fusing a set of classifiers based on variants of Chou <b>B</b> pseudo amino acid composition and on evolutionary information. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2012</b> , 9, 467-75	3	135
155	Local binary patterns for a hybrid fingerprint matcher. Pattern Recognition, 2008, 41, 3461-3466	7.7	131
154	Prediction of protein structure classes by incorporating different protein descriptors into general Chou's pseudo amino acid composition. <i>Journal of Theoretical Biology</i> , <b>2014</b> , 360, 109-116	2.3	101
153	Wavelet images and Chou's pseudo amino acid composition for protein classification. <i>Amino Acids</i> , <b>2012</b> , 43, 657-65	3.5	93
152	A local approach based on a Local Binary Patterns variant texture descriptor for classifying pain states. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 7888-7894	7.8	82
151	Overview of the combination of biometric matchers. <i>Information Fusion</i> , <b>2017</b> , 33, 71-85	16.7	77
150	An evaluation of direct attacks using fake fingers generated from ISO templates. <i>Pattern Recognition Letters</i> , <b>2010</b> , 31, 725-732	4.7	76
149	Continuous versus exclusive classification for fingerprint retrieval. <i>Pattern Recognition Letters</i> , <b>1997</b> , 18, 1027-1034	4.7	75
148	Fusion of color spaces for ear authentication. <i>Pattern Recognition</i> , <b>2009</b> , 42, 1906-1913	7.7	66

147	A multi-matcher for ear authentication. Pattern Recognition Letters, 2007, 28, 2219-2226	4.7	60
146	Random subspace for an improved BioHashing for face authentication. <i>Pattern Recognition Letters</i> , <b>2008</b> , 29, 295-300	4.7	59
145	Combining visual and acoustic features for music genre classification. <i>Expert Systems With Applications</i> , <b>2016</b> , 45, 108-117	7.8	56
144	Combining local, regional and global matchers for a template protected on-line signature verification system. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 3676-3684	7.8	56
143	A reliable method for cell phenotype image classification. <i>Artificial Intelligence in Medicine</i> , <b>2008</b> , 43, 87-97	7.4	56
142	Artificial intelligence techniques for embryo and oocyte classification. <i>Reproductive BioMedicine Online</i> , <b>2013</b> , 26, 42-9	4	55
141	Ensemble of Parzen window classifiers for on-line signature verification. <i>Neurocomputing</i> , <b>2005</b> , 68, 217	'- <b>3.2</b> 4	53
140	Deep learning and transfer learning features for plankton classification. <i>Ecological Informatics</i> , <b>2019</b> , 51, 33-43	4.2	52
139	Particle swarm optimization for prototype reduction. <i>Neurocomputing</i> , <b>2009</b> , 72, 1092-1097	5.4	51
138	A simple method for improving local binary patterns by considering non-uniform patterns. <i>Pattern Recognition</i> , <b>2012</b> , 45, 3844-3852	7.7	50
137	A novel local on-line signature verification system. Pattern Recognition Letters, 2008, 29, 559-568	4.7	49
136	High performance set of PseAAC and sequence based descriptors for protein classification. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 266, 1-10	2.3	47
135	Descriptors for image-based fingerprint matchers. Expert Systems With Applications, 2009, 36, 12414-12	428	46
134	A clustering method for automatic biometric template selection. <i>Pattern Recognition</i> , <b>2006</b> , 39, 495-497	<b>7</b> 7.7	45
133	An empirical study of different approaches for protein classification. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 236717	2.2	43
132	Advanced methods for two-class problem formulation for on-line signature verification. <i>Neurocomputing</i> , <b>2006</b> , 69, 854-857	5.4	42
131	MppS: An ensemble of support vector machine based on multiple physicochemical properties of amino acids. <i>Neurocomputing</i> , <b>2006</b> , 69, 1688-1690	5.4	38
130	Combining multiple approaches for gene microarray classification. <i>Bioinformatics</i> , <b>2012</b> , 28, 1151-7	7.2	37

129	Ensemblator: An ensemble of classifiers for reliable classification of biological data. <i>Pattern Recognition Letters</i> , <b>2007</b> , 28, 622-630	4.7	37
128	A hybrid wavelet-based fingerprint matcher. <i>Pattern Recognition</i> , <b>2007</b> , 40, 3146-3151	7.7	33
127	Detector of image orientation based on Borda Count. <i>Pattern Recognition Letters</i> , <b>2006</b> , 27, 180-186	4.7	33
126	A classifier ensemble approach for the missing feature problem. <i>Artificial Intelligence in Medicine</i> , <b>2012</b> , 55, 37-50	7.4	32
125	Local Ternary Patterns from Three Orthogonal Planes for human action classification. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 5125-5128	7.8	31
124	Ensemble of on-line signature matchers based on OverComplete feature generation. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 5291-5296	7.8	31
123	Empirical tests on BioHashing. <i>Neurocomputing</i> , <b>2006</b> , 69, 2390-2395	5.4	31
122	Prototype reduction techniques: A comparison among different approaches. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 11820-11828	7.8	30
121	A genetic approach for building different alphabets for peptide and protein classification. <i>BMC Bioinformatics</i> , <b>2008</b> , 9, 45	3.6	29
120	Combing ontologies and dipeptide composition for predicting DNA-binding proteins. <i>Amino Acids</i> , <b>2008</b> , 34, 635-41	3.5	28
119	An ensemble of support vector machines for predicting the membrane protein type directly from the amino acid sequence. <i>Amino Acids</i> , <b>2008</b> , 35, 573-80	3.5	28
118	FuzzyBagging: A novel ensemble of classifiers. <i>Pattern Recognition</i> , <b>2006</b> , 39, 488-490	7.7	28
117	A very high performing system to discriminate tissues in mammograms as benign and malignant. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 1968-1971	7.8	27
116	. IEEE Transactions on Intelligent Transportation Systems, <b>2008</b> , 9, 365-369	6.1	27
115	Two-class fingerprint matcher. <i>Pattern Recognition</i> , <b>2006</b> , 39, 714-716	7.7	27
114	A multi-matcher system based on knuckle-based features. <i>Neural Computing and Applications</i> , <b>2009</b> , 18, 87-91	4.8	26
113	A further step toward an optimal ensemble of classifiers for peptide classification, a case study: HIV protease. <i>Protein and Peptide Letters</i> , <b>2009</b> , 16, 163-7	1.9	26
112	RegionBoost learning for 2D+3D based face recognition. <i>Pattern Recognition Letters</i> , <b>2007</b> , 28, 2063-20	07.ρ. <sub>7</sub>	26

## (2018-2009)

111	Using ensemble of classifiers for predicting HIV protease cleavage sites in proteins. <i>Amino Acids</i> , <b>2009</b> , 36, 409-16	3.5	25	
110	An ensemble of reduced alphabets with protein encoding based on grouped weight for predicting DNA-binding proteins. <i>Amino Acids</i> , <b>2009</b> , 36, 167-75	3.5	24	
109	Protein classification using texture descriptors extracted from the protein backbone image. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 264, 1024-32	2.3	24	
108	Wavelet decomposition tree selection for palm and face authentication. <i>Pattern Recognition Letters</i> , <b>2008</b> , 29, 343-353	4.7	23	
107	Local phase quantization descriptor for improving shape retrieval/classification. <i>Pattern Recognition Letters</i> , <b>2012</b> , 33, 2254-2260	4.7	22	
106	Combining different local binary pattern variants to boost performance. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 6209-6216	7.8	22	
105	Ensemble generation and feature selection for the identification of students with learning disabilities. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 3896-3900	7.8	21	
104	Evolved feature weighting for random subspace classifier. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 363-6		21	
103	Combining Face and Eye Detectors in a High-Performance Face-Detection System. <i>IEEE MultiMedia</i> , <b>2012</b> , 19, 20-27	2.1	20	
102	An ensemble of support vector machines for predicting virulent proteins. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 7458-7462	7.8	20	
101	A set of descriptors for identifying the protein-drug interaction in cellular networking. <i>Journal of Theoretical Biology</i> , <b>2014</b> , 359, 120-8	2.3	19	
100	Heterogeneous bag-of-features for object/scene recognition. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 2171-2178	7.5	19	
99	A supervised method to discriminate between impostors and genuine in biometry. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 10401-10407	7.8	19	
98	Ensemble of multiple Palmprint representation. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 4485-4490	7.8	19	
97	Likelihood ratio based features for a trained biometric score fusion. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 58-63	7.8	19	
96	Wavelet selection for disease classification by DNA microarray data. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 990-995	7.8	19	
95	Combining biometric matchers by means of machine learning and statistical approaches. <i>Neurocomputing</i> , <b>2015</b> , 149, 526-535	5.4	17	
94	Bioimage Classification with Handcrafted and Learned Features. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018,	3	17	

93	An empirical study on the matrix-based protein representations and their combination with sequence-based approaches. <i>Amino Acids</i> , <b>2013</b> , 44, 887-901	3.5	16
92	Ensemble of texture descriptors and classifiers for face recognition. <i>Applied Computing and Informatics</i> , <b>2017</b> , 13, 79-91	4.2	15
91	Effective and precise face detection based on color and depth data. <i>Applied Computing and Informatics</i> , <b>2014</b> , 10, 1-13	4.2	15
90	Toward a General-Purpose Heterogeneous Ensemble for Pattern Classification. <i>Computational Intelligence and Neuroscience</i> , <b>2015</b> , 2015, 909123	3	15
89	Biohashing applied to orientation-based minutia descriptor for secure fingerprint authentication system. <i>Electronics Letters</i> , <b>2011</b> , 47, 851	1.1	15
88	A new encoding technique for peptide classification. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 3185-3	1 <del>9</del> .8	15
87	Fusion of systems for automated cell phenotype image classification. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 1556-1562	7.8	15
86	Machine learning for HIV-1 protease cleavage site prediction. <i>Pattern Recognition Letters</i> , <b>2006</b> , 27, 153	37 <sub>4</sub> 1 <del>/</del> 54	4 15
85	Ensemble based on static classifier selection for automated diagnosis of Mild Cognitive Impairment. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 302, 42-46	3	15
84	Stochastic Selection of Activation Layers for Convolutional Neural Networks. <i>Sensors</i> , <b>2020</b> , 20,	3.8	14
83	Subcellular localization using fluorescence imagery: Utilizing ensemble classification with diverse feature extraction strategies and data balancing. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 4231-4243	7.5	14
82	A genetic encoding approach for learning methods for combining classifiers. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 7510-7514	7.8	14
81	An enhanced subspace method for face recognition. <i>Pattern Recognition Letters</i> , <b>2006</b> , 27, 76-84	4.7	14
80	Matrix representation in pattern classification. Expert Systems With Applications, 2012, 39, 3031-3036	7.8	13
79	Ensemble of texture descriptors for face recognition obtained by varying feature transforms and preprocessing approaches. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 61, 8-16	7.5	13
78	Double committee adaboost. <i>Journal of King Saud University - Science</i> , <b>2013</b> , 25, 29-37	3.6	13
77	An advanced multi-modal method for human authentication featuring biometrics data and tokenised random numbers. <i>Neurocomputing</i> , <b>2006</b> , 69, 1706-1710	5.4	12
76	Random interest regions for object recognition based on texture descriptors and bag of features. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 973-977	7.8	11

# (2006-2009)

75	Particle swarm optimization for ensembling generation for evidential k-nearest-neighbour classifier. <i>Neural Computing and Applications</i> , <b>2009</b> , 18, 105-108	4.8	11	
74	Over-complete feature generation and feature selection for biometry. <i>Expert Systems With Applications</i> , <b>2008</b> , 35, 2049-2055	7.8	11	
73	Convolutional Neural Networks for ATC Classification. Current Pharmaceutical Design, 2018, 24, 4007-40	0323	11	
7 <sup>2</sup>	Novel features for automated cell phenotype image classification. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 680, 207-13	3.6	11	
71	Ensemble of Local Phase Quantization Variants with Ternary Encoding. <i>Studies in Computational Intelligence</i> , <b>2014</b> , 177-188	0.8	10	
70	Fake fingertip generation from a minutiae template 2008,		10	
69	Advanced methods for two-class pattern recognition problem formulation for minutiae-based fingerprint verification. <i>Pattern Recognition Letters</i> , <b>2008</b> , 29, 142-148	4.7	10	
68	Human authentication featuring signatures and tokenised random numbers. <i>Neurocomputing</i> , <b>2006</b> , 69, 858-861	5.4	10	
67	An experimental comparison of ensemble of classifiers for biometric data. <i>Neurocomputing</i> , <b>2006</b> , 69, 1670-1673	5.4	10	
66	Fair comparison of skin detection approaches on publicly available datasets. <i>Expert Systems With Applications</i> , <b>2020</b> , 160, 113677	7.8	9	
65	Multilayer descriptors for medical image classification. Computers in Biology and Medicine, 2016, 72, 239	9 <i>-7</i> 47	9	
64	A reliable method for HIV-1 protease cleavage site prediction. <i>Neurocomputing</i> , <b>2006</b> , 69, 838-841	5.4	9	
63	iProStruct2D: Identifying protein structural classes by deep learning via 2D representations. <i>Expert Systems With Applications</i> , <b>2020</b> , 142, 113019	7.8	9	
62	Introduction to Local Binary Patterns: New Variants and Applications. <i>Studies in Computational Intelligence</i> , <b>2014</b> , 1-13	0.8	8	
61	Protein classification combining surface analysis and primary structure. <i>Protein Engineering, Design and Selection</i> , <b>2009</b> , 22, 267-72	1.9	8	
60	On selecting Gabor features for biometric authentication. <i>International Journal of Computer Applications in Technology</i> , <b>2009</b> , 35, 23	0.7	8	
59	Orthogonal linear discriminant analysis and feature selection for micro-array data classification. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 7132-7137	7.8	8	
58	Identifying splice-junction sequences by hierarchical multiclassifier. <i>Pattern Recognition Letters</i> , <b>2006</b> , 27, 1390-1396	4.7	8	

57	Neonatal pain detection in videos using the iCOPEvid dataset and an ensemble of descriptors extracted from Gaussian of Local Descriptors. <i>Applied Computing and Informatics</i> , <b>2020</b> ,	4.2	8
56	Spectrogram Classification Using Dissimilarity Space. Applied Sciences (Switzerland), 2020, 10, 4176	2.6	7
55	Artificial intelligence systems based on texture descriptors for vaccine development. <i>Amino Acids</i> , <b>2011</b> , 40, 443-51	3.5	7
54	A deformation-invariant image-based fingerprint verification system. <i>Neurocomputing</i> , <b>2006</b> , 69, 2336-2	33349	7
53	SmartVisionApp: A framework for computer vision applications on mobile devices. <i>Expert Systems With Applications</i> , <b>2013</b> , 40, 5884-5894	7.8	6
52	Advanced machine learning techniques for microarray spot quality classification. <i>Neural Computing and Applications</i> , <b>2010</b> , 19, 471-475	4.8	6
51	Generalized Needleman Wunsch algorithm for the recognition of T-cell epitopes. <i>Expert Systems With Applications</i> , <b>2008</b> , 35, 1463-1467	7.8	6
50	A multi-modal method based on the competitors of FVC2004 and on palm data combined with tokenised random numbers. <i>Pattern Recognition Letters</i> , <b>2008</b> , 29, 1344-1350	4.7	6
49	Learning morphological operators for skin detection. <i>Journal of Artificial Intelligence and Systems</i> , <b>2019</b> , 1, 60-76	3.3	6
48	Ensemble of shape descriptors for shape retrieval and classification. <i>International Journal of Advanced Intelligence Paradigms</i> , <b>2014</b> , 6, 136	0.5	5
47	Coding of amino acids by texture descriptors. Artificial Intelligence in Medicine, 2010, 48, 43-50	7.4	5
46	A multi-expert approach for wavelet-based face detection. <i>Pattern Recognition Letters</i> , <b>2007</b> , 28, 1541-	154.47	5
45	Mixture of KL subspaces for relevance feedback. Multimedia Tools and Applications, 2008, 37, 189-209	2.5	5
44	Clustering techniques for protein surfaces. <i>Pattern Recognition</i> , <b>2006</b> , 39, 2370-2382	7.7	5
43	Comparison of Different Image Data Augmentation Approaches Journal of Imaging, 2021, 7,	3.1	5
42	High performing ensemble of convolutional neural networks for insect pest image detection. <i>Ecological Informatics</i> , <b>2022</b> , 67, 101515	4.2	5
41	Animal Sound Classification Using Dissimilarity Spaces. Applied Sciences (Switzerland), 2020, 10, 8578	2.6	5
40	MKL-tree: an index structure for high-dimensional vector spaces. <i>Multimedia Systems</i> , <b>2007</b> , 12, 533-550	2.2	4

39	Random Bands: A novel ensemble for fingerprint matching. <i>Neurocomputing</i> , <b>2006</b> , 69, 1702-1705	5.4	4
38	Blind watermarking system for digital images in the wavelet domain <b>2000</b> , 3971, 524		4
37	A Data Mining Approach for Predicting the Pregnancy Rate in Human Assisted Reproduction. <i>Studies in Computational Intelligence</i> , <b>2010</b> , 97-111	0.8	4
36	Face Detection Ensemble with Methods Using Depth Information to Filter False Positives. <i>Sensors</i> , <b>2019</b> , 19,	3.8	4
35	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> , <b>2014</b> , 26, 89-100	3.6	3
34	Machine learning multi-classifiers for peptide classification. <i>Neural Computing and Applications</i> , <b>2009</b> , 18, 185-192	4.8	3
33	Texture descriptors for generic pattern classification problems. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 9340-9345	7.8	3
32	A novel method for fingerprint verification that approaches the problem as a two-class pattern recognition problem. <i>Neurocomputing</i> , <b>2006</b> , 69, 846-849	5.4	3
31	Ensembles of dense and dense sampling descriptors for the HEp-2 cells classification problem. <i>Pattern Recognition Letters</i> , <b>2016</b> , 82, 28-35	4.7	3
30	Texture descriptors for representing feature vectors. Expert Systems With Applications, 2019, 122, 163-	17/28	3
29	Experiments of Image Classification Using Dissimilarity Spaces Built with Siamese Networks. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
28	MKL-Tree: A Hierarchical Data Structure for Indexing Multidimensional Data. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 914-924	0.9	3
27	Weighted Reward Punishment Editing. Pattern Recognition Letters, 2016, 75, 48-54	4.7	2
26	Classifier Ensemble Methods <b>2015</b> , 1-12		2
25	Genetic nearest feature plane. Expert Systems With Applications, 2009, 36, 838-843	7.8	2
24	Input Decimated Ensemble based on Neighborhood Preserving Embedding for spectrogram classification. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 11257-11261	7.8	2
23	A user dependent multi-resolution approach for biometric data. <i>International Journal of Information Technology and Management</i> , <b>2012</b> , 11, 112	0.2	2
22	Stochastic Activation Function Layers for Convolutional Neural Networks		2

21	Fractal Neural Network: A new ensemble of fractal geometry and convolutional neural networks for the classification of histology images. <i>Expert Systems With Applications</i> , <b>2021</b> , 166, 114103	7.8	2
20	Image orientation detection by ensembles of Stochastic CNNs. <i>Machine Learning With Applications</i> , <b>2021</b> , 6, 100090	6.5	2
19	Cluster-Based Nearest-Neighbour Classifier and Its Application on the Lightning Classification. Journal of Computer Science and Technology, <b>2008</b> , 23, 573-581	1.7	1
18	Ensemble of Neural Networks for Automated Cell Phenotype Image Classification. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> ,234-259	0.4	1
17	Data Mining Based on Intelligent Systems for Decision Support Systems in Healthcare. <i>Studies in Computational Intelligence</i> , <b>2010</b> , 45-65	0.8	1
16	Postprocessing for Skin Detection. <i>Journal of Imaging</i> , <b>2021</b> , 7, 95	3.1	1
15	Towards a self-sufficient face verification system. Expert Systems With Applications, 2021, 174, 114734	7.8	1
14	An Empirical Study on Ensemble of Segmentation Approaches. Signals, 2022, 3, 341-358	1.2	1
13	Incremental Learning Techniques Within a Self-updating Approach for Face Verification in Video-Surveillance. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 25-37	0.9	0
12	Ensemble of Deep Learning Approaches for ATC Classification. <i>Smart Innovation, Systems and Technologies</i> , <b>2020</b> , 117-125	0.5	O
11	Learning in Fingerprints339-364		
10	An approach for improving face recognition in presence of inaccurate detection. <i>Neurocomputing</i> , <b>2006</b> , 69, 1678-1682	5.4	
9	Bulk Loading the MKL-Tree. Lecture Notes in Computer Science, 2003, 119-128	0.9	
8	Detector of Image Orientation Based on Borda-Count. Lecture Notes in Computer Science, 2005, 231-23	80.9	
7	Support Vector Machines for HIV-1 Protease Cleavage Site Prediction. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 413-420	0.9	
6	Comparisons among different stochastic selections of activation layers for convolutional neural networks for health care <b>2022</b> , 151-164		
5	Digital Recognition of Breast Cancer Using TakhisisNet. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , <b>2020</b> , 151-169	0.3	
4	Deep Ensembles Based on Stochastic Activations for Semantic Segmentation. Signals, 2021, 2, 820-833	1.2	

#### LIST OF PUBLICATIONS

3	Convolutional Neural Networks for 3D Protein Classification. <i>Intelligent Systems Reference Library</i> , <b>2020</b> , 237-250	0.8
2	Ensemble of Neural Networks for Automated Cell Phenotype Image Classification <b>2012</b> , 793-816	

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