

Jyh-Horng Jeng

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

648
citations

759233

12
h-index

610901

24
g-index

41
all docs

41
docs citations

41
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on Resistant Hierarchical Fuzzy Neural Networks. Electronics (Switzerland), 2022, 11, 598.	3.1	1
2	Development of a Machine Learning Based Web Application for Early Diagnosis of COVID-19 Based on Symptoms. Diagnostics, 2022, 12, 821.	2.6	9
3	Object Detection via Gradient-Based Mask R-CNN Using Machine Learning Algorithms. Machines, 2022, 10, 340.	2.2	7
4	Risk Prediction of Barrett's Esophagus in a Taiwanese Health Examination Center Based on Regression Models. International Journal of Environmental Research and Public Health, 2021, 18, 5332.	2.6	1
5	Twitter Sentiment Analysis towards COVID-19 Vaccines in the Philippines Using Naïve Bayes. Information (Switzerland), 2021, 12, 204.	2.9	95
6	COVID-19 Prediction Applying Supervised Machine Learning Algorithms with Comparative Analysis Using WEKA. Algorithms, 2021, 14, 201.	2.1	31
7	Object Identification and Localization Using Grad-CAM++ with Mask Regional Convolution Neural Network. Electronics (Switzerland), 2021, 10, 1541.	3.1	12
8	A Novel Machine Learning Approach for Tuberculosis Segmentation and Prediction Using Chest-X-Ray (CXR) Images. Applied Sciences (Switzerland), 2021, 11, 9057.	2.5	5
9	Support Vector Machine Modelling for COVID-19 Prediction based on Symptoms using R Programming Language. , 2021, , .		3
10	A Combined Clustering Method of Suppressed Expectation and Maxi PCA Clustering for Intrusion Detection. , 2020, , .		0
11	Early short-term prediction of emergency department length of stay using natural language processing for low-acuity outpatients. American Journal of Emergency Medicine, 2020, 38, 2368-2373.	1.6	13
12	Emergency department disposition prediction using a deep neural network with integrated clinical narratives and structured data. International Journal of Medical Informatics, 2020, 139, 104146.	3.3	18
13	Robust Multi-Class Classification Using Linearly Scored Categorical Cross-Entropy. , 2020, , .		9
14	Single index fuzzy neural networks using locally weighted polynomial regression. Fuzzy Sets and Systems, 2019, 368, 82-100.	2.7	13
15	Primary study on single index artificial neural networks based on penalized regression splines. , 2019, , .		0
16	NXOR- or XOR-based robust template decomposition for cellular neural networks implementing an arbitrary Boolean function via support vector classifiers. Neural Computing and Applications, 2017, 28, 299-311.	5.6	3
17	PCA image coding with iterative clustering. Multidimensional Systems and Signal Processing, 2016, 27, 647-666.	2.6	3
18	A repartition method improving visual quality for PCA image coding. Applied Soft Computing Journal, 2015, 29, 95-109.	7.2	1

#	ARTICLE	IF	CITATIONS
19	On least trimmed squares neural networks. Neurocomputing, 2015, 161, 107-112.	5.9	14
20	Application of Genetic Algorithm to Hexagon-Based Motion Estimation. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	4
21	Pixel-based image fusion using fuzzy system. , 2014, , .		0
22	Robust decomposition with guaranteed robustness for cellular neural networks implementing an arbitrary Boolean function. Neurocomputing, 2014, 143, 339-346.	5.9	1
23	Classification-based video super-resolution using artificial neural networks. Signal Processing, 2013, 93, 2612-2625.	3.7	9
24	Robust Template Decomposition without Weight Restriction for Cellular Neural Networks Implementing Arbitrary Boolean Functions Using Support Vector Classifiers. Mathematical Problems in Engineering, 2013, 2013, 1-9.	1.1	2
25	Fast video super-resolution using artificial neural networks. , 2012, , .		4
26	Image compression using PCA with clustering. , 2012, , .		11
27	Study on semiparametric Wilcoxon fuzzy neural networks. Soft Computing, 2012, 16, 11-21.	3.6	2
28	On maximum likelihood fuzzy neural networks. Fuzzy Sets and Systems, 2010, 161, 2795-2807.	2.7	11
29	A Search of WOSF Equivalent Classes up to Order 5. , 2009, , .		0
30	Study on Huber Fractal Image Compression. IEEE Transactions on Image Processing, 2009, 18, 995-1003.	9.8	49
31	Fractal image compression using visual-based particle swarm optimization. Image and Vision Computing, 2008, 26, 1154-1162.	4.5	45
32	Preliminary Study on Wilcoxon Learning Machines. IEEE Transactions on Neural Networks, 2008, 19, 201-211.	4.2	59
33	ROBUST TEMPLATE DECOMPOSITION WITH RESTRICTED WEIGHTS FOR CELLULAR NEURAL NETWORKS IMPLEMENTING AN ARBITRARY BOOLEAN FUNCTION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 3151-3169.	1.7	7
34	Schema genetic algorithm for fractal image compression. Engineering Applications of Artificial Intelligence, 2007, 20, 531-538.	8.1	42
35	Active Contour Model Based on Multi-Population Particle Swarm Optimization. , 2006, , .		1
36	Spatial correlation genetic algorithm for fractal image compression. Chaos, Solitons and Fractals, 2006, 28, 497-510.	5.1	49

#	ARTICLE	IF	CITATIONS
37	Three-parameter Sequential Minimal Optimization for Support Vector Classification. , 2006, , .		2
38	A fast encoding algorithm for fractal image compression using the DCT inner product. IEEE Transactions on Image Processing, 2000, 9, 529-535.	9.8	57
39	On decoding of both errors and erasures of a Reed-Solomon code using an inverse-free Berlekamp-Massey algorithm. IEEE Transactions on Communications, 1999, 47, 1488-1494.	7.8	53
40	Uniqueness wavelet descriptor for plane closed curves. , 0, , .		2
41	Improved CFC Algorithm for Template Decomposition with Guaranteed Robustness. , 0, , .		0