Jyh-Horng Jeng

List of Publications by Year
in descending order

41	648	759233 12	610901 24
papers	citations	h-index	g-index

41	41	41	348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Twitter Sentiment Analysis towards COVID-19 Vaccines in the Philippines Using NaÃ¯ve Bayes. Information (Switzerland), 2021, 12, 204.	2.9	95
2	Preliminary Study on Wilcoxon Learning Machines. IEEE Transactions on Neural Networks, 2008, 19, 201-211.	4.2	59
3	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
4	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
5	Spatial correlation genetic algorithm for fractal image compression. Chaos, Solitons and Fractals, 2006, 28, 497-510.	5.1	49
6	Study on Huber Fractal Image Compression. IEEE Transactions on Image Processing, 2009, 18, 995-1003.	9.8	49
7	Fractal image compression using visual-based particle swarm optimization. Image and Vision Computing, 2008, 26, 1154-1162.	4.5	45
8	Schema genetic algorithm for fractal image compression. Engineering Applications of Artificial Intelligence, 2007, 20, 531-538.	8.1	42
9	COVID-19 Prediction Applying Supervised Machine Learning Algorithms with Comparative Analysis Using WEKA. Algorithms, 2021, 14, 201.	2.1	31
10	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
11	On least trimmed squares neural networks. Neurocomputing, 2015, 161, 107-112.	5.9	14
12	Single index fuzzy neural networks using locally weighted polynomial regression. Fuzzy Sets and Systems, 2019, 368, 82-100.	2.7	13
13	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
14	Object Identification and Localization Using Grad-CAM++ with Mask Regional Convolution Neural Network. Electronics (Switzerland), 2021, 10, 1541.	3.1	12
15	On maximum likelihood fuzzy neural networks. Fuzzy Sets and Systems, 2010, 161, 2795-2807.	2.7	11
16	Image compression using PCA with clustering. , 2012, , .		11
17	Classification-based video super-resolution using artificial neural networks. Signal Processing, 2013, 93, 2612-2625.	3.7	9
18	Robust Multi-Class Classification Using Linearly Scored Categorical Cross-Entropy. , 2020, , .		9

#	Article	IF	Citations
19	Development of a Machine Learning Based Web Application for Early Diagnosis of COVID-19 Based on Symptoms. Diagnostics, 2022, 12, 821.	2.6	9
20	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
21	Object Detection via Gradient-Based Mask R-CNN Using Machine Learning Algorithms. Machines, 2022, 10, 340.	2.2	7
22	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
23	Fast video super-resolution using artificial neural networks. , 2012, , .		4
24	Application of Genetic Algorithm to Hexagon-Based Motion Estimation. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	4
25	PCA image coding with iterative clustering. Multidimensional Systems and Signal Processing, 2016, 27, 647-666.	2.6	3
26	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
27	Support Vector Machine Modelling for COVID-19 Prediction based on Symptoms using R Programming Language. , 2021, , .		3
28	Uniqueness wavelet descriptor for plane closed curves. , 0, , .		2
29	Three-parameter Sequential Minimal Optimization for Support Vector Classification. , 2006, , .		2
30	Study on semiparametric Wilcoxon fuzzy neural networks. Soft Computing, 2012, 16, 11-21.	3.6	2
31	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
32	Active Contour Model Based on Multi-Population Particle Swarm Optimization. , 2006, , .		1
33	Robust decomposition with guaranteed robustness for cellular neural networks implementing an arbitrary Boolean function. Neurocomputing, 2014, 143, 339-346.	5.9	1
34	A repartition method improving visual quality for PCA image coding. Applied Soft Computing Journal, 2015, 29, 95-109.	7.2	1
35	Risk Prediction of Barrettâ€™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
36	Study on Resistant Hierarchical Fuzzy Neural Networks. Electronics (Switzerland), 2022, 11, 598.	3.1	1

#	Article	IF	Citations
37	Improved CFC Algorithm for Template Decomposition with Guaranteed Robustness. , 0, , .		0
38	A Search of WOSF Equivalent Classes up to Order 5. , 2009, , .		0
39	Pixel-based image fusion using fuzzy system. , 2014, , .		0
40	Primary study on single index artificial neural networks based on penalized regression splines. , 2019, , .		0
41	A Combined Clustering Method of Suppressed Expectation and Maxi PCA Clustering for Intrusion Detection. , 2020, , .		0