Tin Kam Ho

List of Publications by Year
in descending order

40 papers	7,874 citations	567281 15 h-index	642732 23 g-index
40 all docs	40 docs citations	40 times ranked	7520 citing authors

#	Article	IF	Citations
1	The random subspace method for constructing decision forests. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998, 20, 832-844.	13.9	4,844
2	Decision combination in multiple classifier systems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1994, 16, 66-75.	13.9	1,191
3	Complexity measures of supervised classification problems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 289-300.	13.9	470
4	Machine Learning Made Easy: A Review of *Scikit-learn* Package in Python Programming Language. Journal of Educational and Behavioral Statistics, 2019, 44, 348-361.	1.7	202
5	A Data Complexity Analysis of Comparative Advantages of Decision Forest Constructors. Pattern Analysis and Applications, 2002, 5, 102-112.	4.6	162
6	How Complex Is Your Classification Problem?. ACM Computing Surveys, 2020, 52, 1-34.	23.0	128
7	Nearest neighbors in random subspaces. Lecture Notes in Computer Science, 1998, , 640-648.	1.3	123
8	SignalSLAM: Simultaneous localization and mapping with mixed WiFi, Bluetooth, LTE and magnetic signals. , 2013, , .		110
9	Domain of Competence of XCS Classifier System in Complexity Measurement Space. IEEE Transactions on Evolutionary Computation, 2005, 9, 82-104.	10.0	92
10	Design of the 2015 ChaLearn AutoML challenge. , 2015, , .		59
11	An Online Mechanism for BGP Instability Detection and Analysis. IEEE Transactions on Computers, 2009, 58, 1470-1484.	3.4	54
12	KL-divergence kernel regression for non-Gaussian fingerprint based localization. , 2011, , .		53
13	Probability kernel regression for WiFi localisation. Journal of Location Based Services, 2012, 6, 81-100.	1.9	49
14	Probabilistic Radio-Frequency Fingerprinting and Localization on the Run. Bell Labs Technical Journal, 2014, 18, 111-133.	0.7	49
15	Complexity of Classification Problems and Comparative Advantages of Combined Classifiers. Lecture Notes in Computer Science, 2000, , 97-106.	1.3	43
16	Pattern Classification with Compact Distribution Maps. Computer Vision and Image Understanding, 1998, 70, 101-110.	4.7	34
17	Learner excellence biased by data set selection: A case for data characterisation and artificial data sets. Pattern Recognition, 2013, 46, 1054-1066.	8.1	31
18	Measures of Geometrical Complexity in Classification Problems. , 2006, , 1-23.		31

#	ARTICLE	IF	CITATIONS
19	A computational model for recognition of multifont word images. Machine Vision and Applications, 1992, 5, 157-168.	2.7	22
20	On classifier domains of competence. , 2004, , .		21
21	Depth camera SLAM on a low-cost WiFi mapping robot. , 2012, , .		20
22	The learning behavior of single neuron classifiers on linearly separable or nonseparable input. , 0, , .		16
23	A Regression Paradox for Linear Models: Sufficient Conditions and Relation to Simpsonâ€™s Paradox. American Statistician, 2009, 63, 218-225.	1.6	14
24	Simulation of power evolution and control dynamics in optical transport systems. Bell Labs Technical Journal, 2005, 10, 119-137.	0.7	13
25	Pose Invariant Activity Classification for Multi-floor Indoor Localization. , 2014, , .		11
26	Data Complexity Analysis: Linkage between Context and Solution in Classification. Lecture Notes in Computer Science, 2008, , 986-995.	1.3	6
27	Building Optimal Radio-Frequency Signal Maps. , 2014, , .		5
28	SEQUIN: An SNMP-based MPLS network monitoring system. Bell Labs Technical Journal, 2003, 8, 95-111.	0.7	4
29	Data Complexity and Evolutionary Learning. , 2006, , 115-134.		4
30	Exploratory analysis of point proximity in subspaces. , 0, , .		2
31	Intuitive network applications: Learning user context and behavior. Bell Labs Technical Journal, 2008, 13, 31-47.	0.7	2
32	Monitoring and Diagnostics of Power Anomalies in Transparent Optical Networks. , 2008, , .		2
33	Complexity of Magnetic Resonance Spectrum Classification. , 2006, , 241-248.		2
34	Interactive tools for pattern discovery. , 2004, , .		1
35	Classifier Domains of Competence in Data Complexity Space. , 2006, , 135-152.		1
36	Symmetries from Uniform Space Covering in Stochastic Discrimination. Lecture Notes in Computer Science, 2006, , 22-40.	1.3	1

#	Article	IF	Citations
37	Model-Based Anomaly Detection for a Transparent Optical Transmission System. Computer Communications and Networks, 2010, , 263-286.	0.8	1
38	The Landscape Contest at ICPR 2010. Lecture Notes in Computer Science, 2010, , 29-45.	1.3	1
39	Opportunities for automated inference with data in tomorrow's communication networks and services. Bell Labs Technical Journal, 0, 14, 193-206.	0.7	0
40	A diagnostic tool for Raman amplification in ultra-long-haul networks. Bell Labs Technical Journal, 2010, 14, 61-72.	0.7	0