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	How Complex Is Your Classification Problem?. ACM Computing Surveys, 2020, 52, 1-34.	23.0	128
2	Machine Learning Made Easy: A Review of <i>Scikit-learn</i> Package in Python Programming Language. Journal of Educational and Behavioral Statistics, 2019, 44, 348-361.	1.7	202
3	Design of the 2015 ChaLearn AutoML challenge. , 2015, , .		59
4	Pose Invariant Activity Classification for Multi-floor Indoor Localization. , 2014, , .		11
5	Building Optimal Radio-Frequency Signal Maps. , 2014, , .		5
6	Probabilistic Radio-Frequency Fingerprinting and Localization on the Run. Bell Labs Technical Journal, 2014, 18, 111-133.	0.7	49
7	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
8	SignalSLAM: Simultaneous localization and mapping with mixed WiFi, Bluetooth, LTE and magnetic signals. , 2013, , .		110
9	Probability kernel regression for WiFi localisation. Journal of Location Based Services, 2012, 6, 81-100.	1.9	49
10	Depth camera SLAM on a low-cost WiFi mapping robot. , 2012, , .		20
11	KL-divergence kernel regression for non-Gaussian fingerprint based localization. , 2011, , .		53
12	A diagnostic tool for Raman amplification in ultra-long-haul networks. Bell Labs Technical Journal, 2010, 14, 61-72.	0.7	0
13	Model-Based Anomaly Detection for a Transparent Optical Transmission System. Computer Communications and Networks, 2010, , 263-286.	0.8	1
14	The Landscape Contest at ICPR 2010. Lecture Notes in Computer Science, 2010, , 29-45.	1.3	1
15	A Regression Paradox for Linear Models: Sufficient Conditions and Relation to Simpsonâ€™s Paradox. American Statistician, 2009, 63, 218-225.	1.6	14
16	An Online Mechanism for BGP Instability Detection and Analysis. IEEE Transactions on Computers, 2009, 58, 1470-1484.	3.4	54
17	Intuitive network applications: Learning user context and behavior. Bell Labs Technical Journal, 2008, 13, 31-47.	0.7	2
18	Monitoring and Diagnostics of Power Anomalies in Transparent Optical Networks. , 2008, , .		2

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19	Data Complexity Analysis: Linkage between Context and Solution in Classification. Lecture Notes in Computer Science, 2008, , 986-995.	1.3	6
20	Measures of Geometrical Complexity in Classification Problems. , 2006, , 1-23.		31
21	Classifier Domains of Competence in Data Complexity Space. , 2006, , 135-152.		1
22	Symmetries from Uniform Space Covering in Stochastic Discrimination. Lecture Notes in Computer Science, 2006, , 22-40.	1.3	1
23	Complexity of Magnetic Resonance Spectrum Classification. , 2006, , 241-248.		2
24	Data Complexity and Evolutionary Learning. , 2006, , 115-134.		4
25	Simulation of power evolution and control dynamics in optical transport systems. Bell Labs Technical Journal, 2005, 10, 119-137.	0.7	13
26	Domain of Competence of XCS Classifier System in Complexity Measurement Space. IEEE Transactions on Evolutionary Computation, 2005, 9, 82-104.	10.0	92
27	On classifier domains of competence. , 2004, , .		21
28	Interactive tools for pattern discovery. , 2004, , .		1
29	SEQUIN: An SNMP-based MPLS network monitoring system. Bell Labs Technical Journal, 2003, 8, 95-111.	0.7	4
30	Complexity measures of supervised classification problems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 289-300.	13.9	470
31	A Data Complexity Analysis of Comparative Advantages of Decision Forest Constructors. Pattern Analysis and Applications, 2002, 5, 102-112.	4.6	162
32	Complexity of Classification Problems and Comparative Advantages of Combined Classifiers. Lecture Notes in Computer Science, 2000, , 97-106.	1.3	43
33	Pattern Classification with Compact Distribution Maps. Computer Vision and Image Understanding, 1998, 70, 101-110.	4.7	34
34	The random subspace method for constructing decision forests. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998, 20, 832-844.	13.9	4,844
35	Nearest neighbors in random subspaces. Lecture Notes in Computer Science, 1998, , 640-648.	1.3	123
36	Decision combination in multiple classifier systems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1994, 16, 66-75.	13.9	1,191

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37	A computational model for recognition of multifont word images. Machine Vision and Applications, 1992, 5, 157-168.	2.7	22
38	The learning behavior of single neuron classifiers on linearly separable or nonseparable input. , 0, , .		16
39	Exploratory analysis of point proximity in subspaces. , 0, , .		2
40	Opportunities for automated inference with data in tomorrow's communication networks and services. Bell Labs Technical Journal, 0, 14, 193-206.	0.7	0