Henry Yt Ngan

List of Publications by Year in descending order

22 papers	1,138 citations	932766 10 h-index	1125271 13 g-index
22 all docs	22 docs citations	22 times ranked	661 citing authors

#	Article	IF	Citations
1	Automated fabric defect detection—A review. Image and Vision Computing, 2011, 29, 442-458.	2.7	401
2	Wavelet based methods on patterned fabric defect detection. Pattern Recognition, 2005, 38, 559-576.	5.1	207
3	Regularity Analysis for Patterned Texture Inspection. IEEE Transactions on Automation Science and Engineering, 2009, 6, 131-144.	3.4	97
4	Fabric inspection based on the Elo rating method. Pattern Recognition, 2016, 51, 378-394.	5.1	94
5	Motif-based defect detection for patterned fabric. Pattern Recognition, 2008, 41, 1878-1894.	5.1	55
6	Distance-based k-nearest neighbors outlier detection method in large-scale traffic data. , 2015, , .		51
7	Novel method for patterned fabric inspection using Bollinger bands. Optical Engineering, 2006, 45, 087202.	0.5	48
8	Performance Evaluation for Motif-Based Patterned Texture Defect Detection. IEEE Transactions on Automation Science and Engineering, 2010, 7, 58-72.	3.4	44
9	Ellipsoidal decision regions for motif-based patterned fabric defect detection. Pattern Recognition, 2010, 43, 2132-2144.	5.1	32
10	Automatic incident classification for large-scale traffic data by adaptive boosting SVM. Information Sciences, 2018, 467, 59-73.	4.0	28
11	Outlier detection in traffic data based on the Dirichlet process mixture model. IET Intelligent Transport Systems, 2015, 9, 773-781.	1.7	25
12	Defect detection on patterned Jacquard fabric. , 0, , .		19
13	Lattice-Based Patterned Fabric Inspection by Using Total Variation with Sparsity and Low-Rank Representations. SIAM Journal on Imaging Sciences, 2017, 10, 2140-2164.	1.3	8
14	Joint 4-D DOA and polarization estimation based on linear tripole arrays. , 2017, , .		7
15	Robust defect detection in plain and twill fabric using directional Bollinger bands. Optical Engineering, 2015, 54, 073106.	0.5	6
16	Patterned Fabric Defect Detection using a Motif-Based Approach. , 2007, , .		4
17	A comparative study of outlier detection for large-scale traffic data by one-class SVM and kernel density estimation. , 2015, , .		4
18	Modeling of traffic data characteristics by Dirichlet Process Mixtures. , 2012, , .		3

#	Article	IF	Citations
19	Robust vehicle edge detection by cross filter method. , 2014, , .		2
20	Novel geometric coordination registration in cone-beam computed Tomogram. , 2014, , .		1
21	Image calibration and registration in cone-beam computed tomogram for measuring the accuracy of computer-aided implant surgery. Proceedings of SPIE, 2015, , .	0.8	1
22	Anomaly Detection for Quaternion-Valued Traffic Signals. , 2016, , .		1