

Wai Keung Wong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

1,797
citations

24
h-index

41
g-index

75
ext. papers

2,113
ext. citations

5.3
avg, IF

5.17
L-index

#	Paper	IF	Citations
70	Weighted Double-Low-Rank Decomposition With Application to Fabric Defect Detection. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1170-1190	4.9	7
69	MVDRNet: Multi-view diabetic retinopathy detection by combining DCNNs and attention mechanisms. <i>Pattern Recognition</i> , 2021 , 120, 108104	7.7	2
68	Joint Optimal Transport With Convex Regularization for Robust Image Classification. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
67	Low-rank discriminative regression learning for image classification. <i>Neural Networks</i> , 2020 , 125, 245-257.	7.1	5
66	Knowledge Enhanced Neural Fashion Trend Forecasting 2020 ,		7
65	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 2873-2888	6.6	0
64	Robust Flexible Preserving Embedding. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4495-4507	10.2	11
63	Double Relaxed Regression for Image Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 307-319	6.4	11
62	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 1298-1309	6.6	1
61	Flexible Affinity Matrix Learning for Unsupervised and Semisupervised Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1133-1149	10.3	23
60	Generalized Robust Regression for Jointly Sparse Subspace Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 756-772	6.4	34
59	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 3038-3052	6.6	3
58	Scalable Supervised Asymmetric Hashing With Semantic and Latent Factor Embedding. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 4803-4818	8.7	48
57	Granular maximum decision entropy-based monotonic uncertainty measure for attribute reduction. <i>International Journal of Approximate Reasoning</i> , 2019 , 104, 9-24	3.6	26
56	Low-Rank 2-D Neighborhood Preserving Projection for Enhanced Robust Image Representation. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1859-1872	10.2	35
55	Horizontal and Vertical Nuclear Norm-Based 2DLDA for Image Representation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 941-955	6.4	12
54	On uniqueness of sparse signal recovery. <i>Signal Processing</i> , 2018 , 150, 66-74	4.4	2

53	Regularized Label Relaxation Linear Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1006-1018	10.3	54
52	Robust Latent Subspace Learning for Image Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2502-2515	10.3	48
51	Low-rank and sparse embedding for dimensionality reduction. <i>Neural Networks</i> , 2018 , 108, 202-216	9.1	15
50	Jointly Sparse Hashing for Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	37
49	Fabric Defect Detection for Apparel Industry: A Nonlocal Sparse Representation Approach. <i>IEEE Access</i> , 2017 , 1-1	3.5	17
48	Low-Rank Embedding for Robust Image Feature Extraction. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2905-2917	8.7	79
47	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 2391-2403	6.6	22
46	Directional Gaussian Model for Automatic Speeding Event Detection. <i>IEEE Transactions on Information Forensics and Security</i> , 2017 , 12, 2292-2307	8	5
45	Multiple metric learning based on bar-shape descriptor for person re-identification. <i>Pattern Recognition</i> , 2017 , 71, 218-234	7.7	20
44	Robust Semi-Supervised Subspace Clustering via Non-Negative Low-Rank Representation. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1828-38	10.2	76
43	Approximate Orthogonal Sparse Embedding for Dimensionality Reduction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 723-35	10.3	135
42	\mathcal{H}_{∞} Filtering for Discrete-Time Switched Systems With Known Sojourn Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2446-2451	5.9	60
41	Stochastic stability of delayed neural networks with local impulsive effects. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2336-45	10.3	34
40	Joint Tensor Feature Analysis For Visual Object Recognition. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2425-36	10.2	81
39	Sparse nonlocal priors based two-phase approach for mixed noise removal. <i>Signal Processing</i> , 2015 , 116, 101-111	4.4	5
38	Learning a Nonnegative Sparse Graph for Linear Regression. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2760-71	8.7	56
37	Sparse alignment for robust tensor learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1779-92	10.3	60
36	A simulation analysis of the impact of production lot size and its interaction with operator competence on manufacturing system performance. <i>Simulation Modelling Practice and Theory</i> , 2014 , 49, 203-214	3.9	7

35	Optimal Feature Selection for Robust Classification via l_2, l_1 -Norms Regularization 2014 ,		9
34	Sequence memory based on coherent spin-interaction neural networks. <i>Neural Computation</i> , 2014 , 26, 2944-61	2.9	1
33	Pinning controllability of complex networks with community structure. <i>Chaos</i> , 2013 , 23, 033114	3.3	13
32	Stochastic Synchronization of Complex Networks With Mixed Impulses. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013 , 60, 2657-2667	3.9	71
31	Intelligent production planning for complex garment manufacturing. <i>Journal of Intelligent Manufacturing</i> , 2013 , 24, 133-145	6.7	13
30	Key role of voltage-dependent properties of synaptic currents in robust network synchronization. <i>Neural Networks</i> , 2013 , 43, 55-62	9.1	10
29	Distributed synchronization of coupled neural networks via randomly occurring control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 435-47	10.3	182
28	An Integrated Model of Material Supplier Selection and Order Allocation Using Fuzzy Extended AHP and Multiobjective Programming. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-14	1.1	10
27	Synchronization of Neuronal Networks via Control Rank Pinning Scheme. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-7	1.1	1
26	Application of Nakamura's Model to Describe the Delayed Increase in Lateral Vibration of Footbridges. <i>Journal of Engineering Mechanics - ASCE</i> , 2013 , 139, 1708-1713	2.4	3
25	Optimizing decision making in the apparel supply chain using artificial intelligence (AI) 2013 ,		8
24	Global Synchronization Stability for Stochastic Complex Dynamical Networks with Probabilistic Interval Time-Varying Delays. <i>Journal of Optimization Theory and Applications</i> , 2012 , 152, 496-516	1.6	28
23	An analytic criterion for generalized synchronization in unidirectionally coupled systems based on the auxiliary system approach. <i>Chaos</i> , 2012 , 22, 033146	3.3	13
22	Sparse approximation to the eigensubspace for discrimination. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1948-60	10.3	53
21	A Smart Hanger Model Based on 6-DOF Robot and PID Method for Garment Inspection System. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 369-376	0.2	
20	Relationship between applicability of current-based synapses and uniformity of firing patterns. <i>International Journal of Neural Systems</i> , 2012 , 22, 1250017	6.2	17
19	Deep learning regularized Fisher mappings. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1668-75		28
18	Multiobjective synchronization of coupled systems. <i>Chaos</i> , 2011 , 21, 025114	3.3	50

17	Pinning impulsive synchronization of stochastic delayed coupled networks. <i>Chinese Physics B</i> , 2011 , 20, 040513	1.2	18
16	Tangent space discriminant analysis for feature extraction 2010 ,		1
15	A Genetic-Algorithm-Based Optimization Model for Solving the Flexible Assembly Line Balancing Problem With Work Sharing and Workstation Revisiting. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2008 , 38, 218-228		49
14	Application of smart system to textile industry: Preliminary design of a smart hanger for garment inspection. <i>Journal of the Textile Institute</i> , 2008 , 99, 569-580	1.5	11
13	A genetic-algorithm-based optimization model for scheduling flexible assembly lines. <i>International Journal of Advanced Manufacturing Technology</i> , 2008 , 36, 156-168	3.2	53
12	Electroless nickel plating of polyester fiber. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 2630-2637	2.9	41
11	A Robot System for the Control of Fabric Tension for Inspection 2007 , 813		3
10	Developing an Apparel Supply Chain Simulation System with the Application of Fuzzy Logic. <i>Studies in Computational Intelligence</i> , 2007 , 185-199	0.8	3
9	Modification of wrinkle resistance of cotton fabric. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 3700-3707	1.7	6
8	Improve Production Balance for Apparel Supply Chain Adopting VMI Replenishment Strategy 2006 ,		2
7	Determination of fault-tolerant fabric-cutting schedules in a just-in-time apparel manufacturing environment. <i>International Journal of Production Research</i> , 2006 , 44, 4465-4490	7.8	13
6	Genetic Optimization of JIT Operation Schedules for Fabric-cutting Process in Apparel Manufacture. <i>Journal of Intelligent Manufacturing</i> , 2006 , 17, 341-354	6.7	22
5	Integrated Optimization of a Smart Hanger for Garment Inspection Using Multi-Objective Genetic Algorithm 2006 ,		1
4	Optimisation of Apparel Manufacturing Resource Allocation Using a Generic Optimised Table-Planning Model. <i>International Journal of Advanced Manufacturing Technology</i> , 2003 , 21, 935-944	3.2	12
3	A selection of a fabric-cutting system configuration in different types of apparel manufacturing environments. <i>International Journal of Advanced Manufacturing Technology</i> , 2003 , 22, 641-648	3.2	6
2	Evaluation of Optimum Combinations of Spreading and Cutting Machines in a Garment Factory. <i>International Journal of Advanced Manufacturing Technology</i> , 2001 , 18, 62-66	3.2	1
1	An Artificial Intelligence Method for Planning the Clothing Manufacturing Process. <i>Journal of the Textile Institute</i> , 2001 , 92, 168-178	1.5	4