Label Consistent K-SVD: Learning a Discriminative Dict

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Citation Report

#	Article	IF	CITATIONS
2	Fast, flexible syntactic pattern matching and processing. , 0, , .		22
4	Towards a computer language for the i-society. , 2011, , .		0
5	A Comparative Study on Score Level Fusion Techniques and MACE Gabor Filters for Face Recognition in the Presence of Noises and Blurring Effects. , 2013, , .		8
6	Robust Face Recognition in the Presence of Noises and Blurring Effects by Fusing Appearance Based Techniques and Sparse Representation. , 2013, , .		13
7	The Research and Application of Visual Saliency and Adaptive Support Vector Machine in Target Tracking Field. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-8.	0.7	7
8	A new locally linear KNN method with an improved marginal Fisher analysis for image classification. , 2014, , .		5
9	A Unified Online Dictionary Learning Framework with Label Information for Robust Object Tracking. , 2014, , .		0
10	Hallucinating the Full Face from the Periocular Region via Dimensionally Weighted K-SVD. , 2014, , .		22
11	Face recognition via adaptive sparse representations of random patches. , 2014, , .		7
12	Online Learning Discriminative Dictionary with Label Information for Robust Object Tracking. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.3	1
13	Cascade dictionary learning for action recognition. , 2014, , .		0
14	A meta-algorithm for classification by feature nomination. , 2014, , .		2
15	Human Action Recognition Based on Recognition of Linear Patterns in Action Bank Features Using Convolutional Neural Networks. , 2014, , .		33
16	Dictionaries for image and video-based face recognition [Invited]. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1090.	0.8	12
17	Robust block sparse discriminative classification framework. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 2806.	0.8	2
18	Submodular Object Recognition. , 2014, , .		27
19	Biometric Recognition. Lecture Notes in Computer Science, 2014, , .	1.0	2
20	One-Shot Periodic Activity Recognition Using Convolutional Neural Networks. , 2014		42

2

#	Article	IF	CITATIONS
21	Human Action Recognition Based on MOCAP Information Using Convolution Neural Networks. , 2014, , \cdot		27
22	Facial Expression Recognition via Discriminative Dictionary Learning. , 2014, , .		1
23	Online Learning a High-Quality Dictionary and Classifier Jointly for Multitask Object Tracking. IEEE MultiMedia, 2014, 21, 56-66.	1.5	1
24	Classification using sparse representations: a biologically plausible approach. Biological Cybernetics, 2014, 108, 61-73.	0.6	16
25	Supervised Bayesian sparse coding for classification. , 2014, , .		1
26	Latent Dictionary Learning for Sparse Representation Based Classification. , 2014, , .		60
27	Online discriminative dictionary learning via label information for multi task object tracking. , 2014, , .		0
28	Recognizing facial images using ICA, LPP, MACE Gabor Filters, Score Level Fusion Techniques. , 2014, , .		10
30	Online dictionary learning algorithm with periodic updates and its application to image denoising. Expert Systems With Applications, 2014, 41, 3682-3690.	4.4	19
31	Image classification by multi-kernel dictionary learning. , 2014, , .		3
32	Learning the discriminative dictionary for sparse representation by a general fisher regularized model. , 2015, , .		0
33	Hierarchical task-driven feature learning for tumor histology. , 2015, , .		1
34	Hippocampus segmentation in MR images using sparse patch representation and discriminative dictionary learning. , 2015, , .		0
35	A Study on Non-sparse Dictionary Learning for Pattern Classification. , 2015, , .		0
36	Content-based image authentication using sparse features and SOM trajectories. Logic Journal of the IGPL, 0, , jzv039.	1.3	0
37	Gabor feature based discriminative dictionary learning for period order detection in fringe projection profilometry. , 2015, , .		2
38	A bottom-up dictionary learning based classification for face recognition. , 2015, , .		0
39	Robust object tracking via adaptive sparse representation. , 2015, , .		0

IF ARTICLE CITATIONS # Supervised topology preserving hashing., 2015,,. 40 0 Modeling Neuron Selectivity Over Simple Midlevel Features for Image Classification. IEEE Transactions 6.0 on Image Processing, 2015, 24, 2404-2414. SLED: Semantic Label Embedding Dictionary Representation for Multilabel Image Annotation. IEEE 42 6.0 31 Transactions on Image Processing, 2015, 24, 2746-2759. A sparse representation-based method for infrared dim target detection under sea–sky background. Infrared Physics and Technology, 2015, 71, 347-355. Discriminative structured dictionary learning with hierarchical group sparsity. Computer Vision and 44 3.0 20 Image Understanding, 2015, 136, 59-68. Novel general KNN classifier and general nearest mean classifier for visual classification., 2015, , . Encoding and decoding local binary patterns for harsh face illumination normalization., 2015,,. 46 18 Label Consistent Quadratic Surrogate model for visual saliency prediction., 2015, , . A Comprehensive Recommender System Model: Improving Accuracy for Both Warm and Cold Start 48 2.6 132 Users. IEEE Access, 2015, 3, 2803-2813. Locality sensitive discriminative dictionary learning., 2015,,. Hierarchical discriminant manifold learning for dimensionality reduction and image classification. 50 0.5 2 Journal of Electronic Imaging, 2015, 24, 053015. Modular tensor sparsity preserving projection algorithm for dimension reduction., 2015, , . Joint weighted dictionary learning and classifier training for robust biometric recognition., 2015,,. 52 1 Adaptively Unified Semi-Supervised Dictionary Learning with Active Points., 2015, , . An efficient face classification method based on shared and class-specific dictionary learning., 2015, , . 54 2 Discriminative label consistent dictionary learning., 2015,,. A sequential dictionary learning algorithm with enforced sparsity., 2015, , . 56 20 Riemannian coding and dictionary learning: Kernels to the rescue., 2015, , . 54

#	Article	IF	Citations
58	Locality-constrained discriminative learning and coding. , 2015, , .		14
59	Discriminant sparse coding with geometrical constraint. , 2015, , .		0
60	Classification of LV wall motion in cardiac MRI using kernel Dictionary Learning with a parametric approach. , 2015, 2015, 7292-5.		7
61	Person Re-Identification with Discriminatively Trained Viewpoint Invariant Dictionaries. , 2015, , .		138
62	Label Consistent K-SVD for sparse micro-Doppler classification. , 2015, , .		4
63	Semi-supervised label consistent dictionary learning for machine fault classification. , 2015, , .		2
64	Anatomic-landmark detection using graphical context modelling. , 2015, , .		1
65	Discrimination projective dictionary pair methods in dictionary learning1. , 2015, , .		0
66	Discriminative sparse coding of ECG during ventricular arrhythmias using LC-K-SVD approach. , 2015, 2015, 5211-4.		3
67	Multiple Projective Dictionary Learning to Detect Plastic Surgery for Face Verification. IEEE Access, 2015, 3, 2572-2580.	2.6	14
68	Replacing K-SVD with SGK: Dictionary training for sparse representation of images. , 2015, , .		3
69	Patch Group Based Nonlocal Self-Similarity Prior Learning for Image Denoising. , 2015, , .		251
70	Uniform Detection in Social Image Streams. , 2015, , .		1
71	Adaptive feature transformation for classification with sparse representation. Optik, 2015, 126, 4452-4459.	1.4	4
72	Multi-kernel collaborative representation for image classification. , 2015, , .		3
73	A novel locally linear KNN model for visual recognition. , 2015, , .		21
74	Robust biometrics recognition using joint weighted dictionary learning and smoothed LO norm. , 2015, , \cdot		1
75	A supervised dictionary learning and discriminative weighting model for action recognition. Neurocomputing, 2015, 158, 246-256.	3.5	12

#	Article	IF	CITATIONS
76	Automatic facial attribute analysis via adaptive sparse representation of random patches. Pattern Recognition Letters, 2015, 68, 260-269.	2.6	30
77	Visual feature coding for image classification integrating dictionary structure. Pattern Recognition, 2015, 48, 3067-3075.	5.1	11
78	Object Detection Based on Sparse Representation and Hough Voting for Optical Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2053-2062.	2.3	80
79	Efficient Feature Coding Based on Auto-encoder Network for Image Classification. Lecture Notes in Computer Science, 2015, , 628-642.	1.0	9
80	Learning Discriminative Sparse Representations for Hyperspectral Image Classification. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1089-1104.	7.3	47
81	A Survey of Sparse Representation: Algorithms and Applications. IEEE Access, 2015, 3, 490-530.	2.6	888
82	Task-Driven Dictionary Learning for Hyperspectral Image Classification With Structured Sparsity Constraints. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4457-4471.	2.7	55
83	Human action recognition based on motion capture information using fuzzy convolution neural networks. , 2015, , .		31
84	Spectral–Spatial Classification of Hyperspectral Images With a Superpixel-Based Discriminative Sparse Model. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4186-4201.	2.7	229
85	Robust Representation and Recognition of Facial Emotions Using Extreme Sparse Learning. IEEE Transactions on Image Processing, 2015, 24, 2140-2152.	6.0	114
86	Supervised dictionary learning for blind image quality assessment using quality-constraint sparse coding. Journal of Visual Communication and Image Representation, 2015, 33, 123-133.	1.7	28
87	Online multi-modal task-driven dictionary learning and robust joint sparse representation for visual tracking. , 2015, , .		11
88	KCRC-LCD: Discriminative kernel collaborative representation with locality constrained dictionary for visual categorization. Pattern Recognition, 2015, 48, 3076-3092.	5.1	31
89	Supervised sparse coding with local geometrical constraints. , 2015, , .		1
90	Learning discriminative visual dictionary for natural scene categorization. , 2015, , .		0
91	3D ear identification using LC-KSVD and local histograms of surface types. , 2015, , .		0
92	Binomial classification based on DLENE features in sparse representation: Application in kidney detection in 3D ultrasound. , 2015, , .		2
93	DFDL: Discriminative feature-oriented dictionary learning for histopathological image classification. , 2015, , .		22

#	Article	IF	CITATIONS
94	Sparse Contribution Plot for Fault Diagnosis of Multimodal Chemical Processes â~ â~This work was partially supported by the NSFC under grants 61210012, 61290324, 61490700, 61473164. IFAC-PapersOnLine, 2015, 48, 619-626.	0.5	21
95	Multi-focus image fusion using dictionary-based sparse representation. Information Fusion, 2015, 25, 72-84.	11.7	353
96	SAR Target Recognition via Supervised Discriminative Dictionary Learning and Sparse Representation of the SAR-HOG Feature. Remote Sensing, 2016, 8, 683.	1.8	79
97	A Weighted Block Dictionary Learning Algorithm for Classification. Mathematical Problems in Engineering, 2016, 2016, 1-15.	0.6	3
98	Incoherent Dictionary Learning Method Based on Unit Norm Tight Frame and Manifold Optimization for Sparse Representation. Mathematical Problems in Engineering, 2016, 2016, 1-10.	0.6	4
99	Active Discriminative Dictionary Learning for Weather Recognition. Mathematical Problems in Engineering, 2016, 2016, 1-12.	0.6	12
100	A conjugated and augmented dictionary learning method for hyperspectral image classfication. , 2016, , \cdot		0
101	Hierarchical spatial model for 2D range data based room categorization. , 2016, , .		2
102	Joint learning dictionary and discriminative features for high dimensional data. , 2016, , .		0
103	Label associated dictionary pair learning for face recognition. , 2016, , .		2
104	Joint dimensionality reduction for face recognition based on D-KSVD. , 2016, , .		0
105	Learning a Multi-class Discriminative Dictionary with Nonredundancy Constraints for Visual Classification. , 2016, , .		1
106	Pairwise Linear Regression Classification for Image Set Retrieval. , 2016, , .		37
107	Face recognition based on dictionary learning with the locality constraints of atoms. , 2016, , .		2
108	Multimodal weighted dictionary learning. , 2016, , .		2
109	Discriminant dictionary learning with sparse embedding on face recognition. , 2016, , .		0
110	Class specificity and commonality based discriminative dictionary for speaker verification. , 2016, , .		3
111	Sparse Coding for Classification via Discrimination Ensemble. , 2016, , .		37

#	ARTICLE	IF	CITATIONS
112	Supervised class-specific dictionary learning for image classification. , 2016, , . Alternate formulation for transform learning. , 2016, , .		5
114	Stratification of pseudoprogression and true progression of glioblastoma multiform based on longitudinal diffusion tensor imaging without segmentation. Medical Physics, 2016, 43, 5889-5902.	1.6	29
115	Discriminative dictionary pair learning from partially labeled data. , 2016, , .		2
116	Deep Dictionary Learning. IEEE Access, 2016, 4, 10096-10109.	2.6	120
117	An in-depth study of sparse codes on abnormality detection. , 2016, , .		5
118	On accuracy estimation and comparison of results in biometric research. , 2016, , .		1
119	Fastfood dictionary learning for periocular-based full face hallucination. , 2016, , .		7
120	Saliency Guided Dictionary Learning for Weakly-Supervised Image Parsing. , 2016, , .		32
121	Fast and efficent multimodal eye biometrics using projective dictionary pair learning. , 2016, , .		4
122	Topology preserving dictionary learning for pattern classification. , 2016, , .		2
123	Reducing streak artifacts in computed tomography via sparse representation in coupled dictionaries. Medical Physics, 2016, 43, 1473-1486.	1.6	12
124	A novel image classifier based on Gaussian mixture language model. , 2016, , .		0
125	Fusing holistic and local representation for face recognition. , 2016, , .		1
126	Structured low rank tracker with smoothed regularization. , 2016, , .		0
127	Robust coupling in space of sparse codes for multi-view recognition. , 2016, , .		8
128	Greedy dictionary learning for kernel sparse representation based classifier. Pattern Recognition Letters, 2016, 78, 64-69.	2.6	19
129	Image classification based on saliency coding with category-specific codebooks. Neurocomputing, 2016, 184, 188-195.	3.5	6

#	Article	IF	CITATIONS
130	Kernel collaborative representation based dictionary learning and discriminative projection. Neurocomputing, 2016, 207, 300-309.	3.5	12
131	Classification of human actions using pose-based features and stacked auto encoder. Pattern Recognition Letters, 2016, 83, 268-277.	2.6	45
132	Sparse Codes Auto-Extractor for Classification: A Joint Embedding and Dictionary Learning Framework for Representation. IEEE Transactions on Signal Processing, 2016, 64, 3790-3805.	3.2	68
133	Cross-View Action Recognition via Transferable Dictionary Learning. IEEE Transactions on Image Processing, 2016, 25, 2542-2556.	6.0	75
134	Orthonormal dictionary learning and its application to face recognition. Image and Vision Computing, 2016, 51, 13-21.	2.7	11
135	Supervised within-class-similar discriminative dictionary learning for face recognition. Journal of Visual Communication and Image Representation, 2016, 38, 561-572.	1.7	13
136	Face recognition using class specific dictionary learning for sparse representation and collaborative representation. Neurocomputing, 2016, 204, 198-210.	3.5	49
137	Boosted Cross-Domain Dictionary Learning for Visual Categorization. IEEE Intelligent Systems, 2016, 31, 6-18.	4.0	6
138	Joint Low-Rank and Sparse Principal Feature Coding for Enhanced Robust Representation and Visual Classification. IEEE Transactions on Image Processing, 2016, 25, 2429-2443.	6.0	98
139	Multi-Label Dictionary Learning for Image Annotation. IEEE Transactions on Image Processing, 2016, 25, 2712-2725.	6.0	82
140	Learning Dictionary of Discriminative Part Detectors for Image Categorization and Cosegmentation. International Journal of Computer Vision, 2016, 120, 111-133.	10.9	21
141	Linearized Kernel Dictionary Learning. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 726-739.	7.3	55
142	Discriminative-Dictionary-Learning-Based Multilevel Point-Cluster Features for ALS Point-Cloud Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7309-7322.	2.7	34
143	Convolutional sparse coding classification model for image classification. , 2016, , .		15
144	Learning a low-rank shared dictionary for object classification. , 2016, , .		22
145	Dictionary Learning for Promoting Structured Sparsity in Hyperspectral Compressive Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7223-7235.	2.7	47
146	Human-inspired modulation frequency features for noise-robust ASR. Speech Communication, 2016, 84, 66-82.	1.6	0
147	SAR Automatic Target Recognition Based on Dictionary Learning and Joint Dynamic Sparse Representation. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1777-1781.	1.4	60

#	Article	IF	CITATIONS
148	Feature discovering for image classification via wavelet-like pattern decomposition. Journal of Visual Communication and Image Representation, 2016, 40, 627-637.	1.7	1
149	Cluster-based dictionary learning and locality-constrained sparse reconstruction for trajectory classification. , 2016, , .		0
150	Learning Fast Low-Rank Projection for Image Classification. IEEE Transactions on Image Processing, 2016, 25, 4803-4814.	6.0	26
151	Support Discrimination Dictionary Learning for Image Classification. Lecture Notes in Computer Science, 2016, , 375-390.	1.0	6
152	Kernel dictionary learning based discriminant analysis. Journal of Visual Communication and Image Representation, 2016, 40, 470-484.	1.7	13
153	Distributed object recognition in smart camera networks. , 2016, , .		10
154	Shape-included label-consistent discriminative dictionary learning: An approach to detect and segment multi-class objects in images. , 2016, , .		1
155	Notice of Removal Learning zeroth class dictionary for human action recognition. , 2016, , .		1
156	Cost-sensitive dictionary learning for face recognition. Pattern Recognition, 2016, 60, 613-629.	5.1	30
157	Dictionary learning based on discriminative energy contribution for image classification. Knowledge-Based Systems, 2016, 113, 116-124.	4.0	11
158	Vehicle Classification in Acoustic Sensor Networks Based on Hybrid Dictionary Learning. , 2016, , .		1
159	Discriminative Learning in Biometrics. , 2016, , 3-20.		1
160	Greedy double sparse dictionary learning for sparse representation of speech signals. Speech Communication, 2016, 85, 71-82.	1.6	14
161	Class-wise deep dictionaries for EEG classification. , 2016, , .		6
162	Evaluation of K-SVD with different embedded sparse representation algorithms. , 2016, , .		1
163	Learning a Discriminative Dictionary with CNN for Image Classification. Lecture Notes in Computer Science, 2016, , 185-194.	1.0	3
164	Latent label consistent K-SVD for joint machine faults representation and classification. , 2016, , .		2
165	Label consistent recursive least squares dictionary learning for image classification. , 2016, , .		7

#	Article	IF	CITATIONS
166	Invariant hierarchical sparse coding for object recognition via bags of atoms. , 2016, , .		0
167	Out-of-label suppression dictionary learning with cluster regularization. , 2016, , .		1
168	Multiple Instance Dictionary Learning using Functions of Multiple Instances. , 2016, , .		4
169	Group and collaborative dictionary pair learning for face recognition. , 2016, , .		2
170	Performance analysis of different matrix decomposition methods on face recognition. , 2016, , .		1
171	Image set based ear recognition using novel dictionary learning and classification scheme. Engineering Applications of Artificial Intelligence, 2016, 55, 37-46.	4.3	10
172	Single-view X-ray depth recovery: toward a novel concept for image-guided interventions. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 873-880.	1.7	6
173	Class relatedness oriented-discriminative dictionary learning for multiclass image classification. Pattern Recognition, 2016, 59, 168-175.	5.1	14
174	Sparse recognition via intra-class dictionary learning using visual saliency information. Neurocomputing, 2016, 196, 70-81.	3.5	6
175	3D Ear Identification Using Block-Wise Statistics-Based Features and LC-KSVD. IEEE Transactions on Multimedia, 2016, 18, 1531-1541.	5.2	14
176	An improved collaborative representation based classification with regularized least square (CRC–RLS) method for robust face recognition. Neurocomputing, 2016, 215, 250-259.	3.5	8
177	Face recognition algorithm based on discriminative dictionary learning and sparse representation. Neurocomputing, 2016, 174, 749-755.	3.5	26
178	Learning a structure adaptive dictionary for sparse representation based classification. Neurocomputing, 2016, 190, 124-131.	3.5	30
179	Multilayer Extreme Learning Machine With Subnetwork Nodes for Representation Learning. IEEE Transactions on Cybernetics, 2016, 46, 2570-2583.	6.2	98
180	Efficient Fisher Discrimination Dictionary Learning. Signal Processing, 2016, 128, 28-39.	2.1	13
181	Test Sample Oriented Dictionary Learning for Face Recognition. Journal of Circuits, Systems and Computers, 2016, 25, 1650017.	1.0	3
182	Joint Label Consistent Dictionary Learning and Adaptive Label Prediction for Semisupervised Machine Fault Classification. IEEE Transactions on Industrial Informatics, 2016, 12, 248-256.	7.2	59
183	Discriminative Bayesian Dictionary Learning for Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2374-2388.	9.7	41

#	Article	IF	CITATIONS
184	Structure-Constrained Low-Rank and Partial Sparse Representation with Sample Selection for image classification. Pattern Recognition, 2016, 59, 5-13.	5.1	15
185	Multi-spectral low-rank structured dictionary learning for face recognition. Pattern Recognition, 2016, 59, 14-25.	5.1	65
186	A coupled discriminative dictionary and transformation learning approach with applications to cross domain matching. Pattern Recognition Letters, 2016, 71, 38-44.	2.6	3
187	Approximately symmetrical face images for image preprocessing in face recognition and sparse representation based classification. Pattern Recognition, 2016, 54, 68-82.	5.1	135
188	Unsupervised dictionary learning with Fisher discriminant for clustering. Neurocomputing, 2016, 194, 65-73.	3.5	9
189	Supervised dictionary learning with multiple classifier integration. Pattern Recognition, 2016, 55, 247-260.	5.1	34
190	Multi-class remote sensing object recognition based on discriminative sparse representation. Applied Optics, 2016, 55, 1381.	2.1	27
191	Category Specific Dictionary Learning for Attribute Specific Feature Selection. IEEE Transactions on Image Processing, 2016, 25, 1465-1478.	6.0	49
192	Extreme Learning Machine With Subnetwork Hidden Nodes for Regression and Classification. IEEE Transactions on Cybernetics, 2016, 46, 2885-2898.	6.2	44
193	Robust Fringe Projection Profilometry via Sparse Representation. IEEE Transactions on Image Processing, 2016, 25, 1726-1739.	6.0	26
194	Hierarchical Discriminative Feature Learning for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 594-598.	1.4	12
195	Cross-domain action recognition via collective matrix factorization with graph Laplacian regularization. Image and Vision Computing, 2016, 55, 119-126.	2.7	10
196	Multimodal Task-Driven Dictionary Learning for Image Classification. IEEE Transactions on Image Processing, 2016, 25, 24-38.	6.0	128
197	Robust discriminative non-negative matrix factorization. Neurocomputing, 2016, 173, 552-561.	3.5	7
198	A fast and robust face recognition approach combining Gabor learned dictionaries and collaborative representation. International Journal of Machine Learning and Cybernetics, 2016, 7, 47-52.	2.3	7
199	Radar highâ€resolution range profiles target recognition based on stable dictionary learning. IET Radar, Sonar and Navigation, 2016, 10, 228-237.	0.9	43
200	Histopathological Image Classification Using Discriminative Feature-Oriented Dictionary Learning. IEEE Transactions on Medical Imaging, 2016, 35, 738-751.	5.4	140
201	Deep Boosting: Joint feature selection and analysis dictionary learning in hierarchy. Neurocomputing, 2016, 178, 36-45.	3.5	12

#	Article	IF	CITATIONS
202	Vehicle Detection in High-Resolution Aerial Images via Sparse Representation and Superpixels. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 103-116.	2.7	93
203	Multi-view low-rank dictionary learning for image classification. Pattern Recognition, 2016, 50, 143-154.	5.1	117
204	Image segmentation via multi-scale stochastic regional texture appearance models. Computer Vision and Image Understanding, 2016, 142, 23-36.	3.0	13
205	Integrated Low-Rank-Based Discriminative Feature Learning for Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1080-1093.	7.2	63
206	Learning the Conformal Transformation Kernel for Image Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 149-163.	7.2	9
207	Door Knob Hand Recognition System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2870-2881.	5.9	8
208	Robust Visual Tracking With Multitask Joint Dictionary Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1018-1030.	5.6	26
209	Fisher Discriminative Dictionary Learning for Vehicle Classification in Acoustic Sensor Networks. Journal of Signal Processing Systems, 2017, 86, 99-107.	1.4	6
210	ÏSupport vector machine based on discriminant sparse neighborhood preserving embedding. Pattern Analysis and Applications, 2017, 20, 1077-1089.	3.1	5
211	Cognitive gravitation model-based relative transformation for classification. Soft Computing, 2017, 21, 5425-5441.	2.1	3
212	A stochastic framework for K-SVD with applications on face recognition. Pattern Analysis and Applications, 2017, 20, 845-854.	3.1	1
213	On the Equivalence of the LC-KSVD and the D-KSVD Algorithms. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 411-416.	9.7	26
214	Elastic Functional Coding of Riemannian Trajectories. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 922-936.	9.7	41
215	Structured Latent Label Consistent Dictionary Learning for Salient Machine Faults Representation-Based Robust Classification. IEEE Transactions on Industrial Informatics, 2017, 13, 644-656.	7.2	29
216	Multitask Additive Models With Shared Transfer Functions Based on Dictionary Learning. IEEE Transactions on Signal Processing, 2017, 65, 1352-1365.	3.2	3
217	Online structured sparse learning with labeled information for robust object tracking. Journal of Electronic Imaging, 2017, 26, 013007.	0.5	4
218	Discriminative Elastic-Net Regularized Linear Regression. IEEE Transactions on Image Processing, 2017, 26, 1466-1481.	6.0	144
219	Subject-based discriminative sparse representation model for detection of concealed information. Computer Methods and Programs in Biomedicine, 2017, 143, 25-33.	2.6	16

#	Article	IF	CITATIONS
220	Synthesis linear classifier based analysis dictionary learning for pattern classification. Neurocomputing, 2017, 238, 103-113.	3.5	28
221	Hyperspectral Image Classification Using Metric Learning in One-Dimensional Embedding Framework. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1987-2001.	2.3	8
222	Facial expression recognition using dual dictionary learning. Journal of Visual Communication and Image Representation, 2017, 45, 20-33.	1.7	20
224	Face Recognition Using Sparse Fingerprint Classification Algorithm. IEEE Transactions on Information Forensics and Security, 2017, 12, 1646-1657.	4.5	31
225	Local and global regularized concept factorization for image clustering. Journal of Electronic Imaging, 2017, 26, 013003.	0.5	3
226	Sparse and Low-Rank Models for Visual Domain Adaptation. , 2017, , 113-133.		0
227	Maximum-margin sparse coding. Neurocomputing, 2017, 238, 340-350.	3.5	3
228	Pedestrian recognition in multi-camera networks using multilevel important salient feature and multicategory incremental learning. Pattern Recognition, 2017, 67, 340-352.	5.1	10
229	Dynamical Textures Modeling via Joint Video Dictionary Learning. IEEE Transactions on Image Processing, 2017, 26, 2929-2943.	6.0	11
230	A Hierarchical Predictive Coding Model of Object Recognition in Natural Images. Cognitive Computation, 2017, 9, 151-167.	3.6	41
231	LRRâ€TTK DL for face recognition. IET Biometrics, 2017, 6, 165-172.	1.6	0
232	Recent Advances in Intelligent Image Search and Video Retrieval. Intelligent Systems Reference Library, 2017, , .	1.0	4
233	Cross-Label Suppression: A Discriminative and Fast Dictionary Learning With Group Regularization. IEEE Transactions on Image Processing, 2017, 26, 3859-3873.	6.0	22
234	Discriminative dictionary learning to learn effective features for detecting buried threats in ground penetrating radar data. Proceedings of SPIE, 2017, , .	0.8	3
235	Discriminative Nonlinear Analysis Operator Learning: When Cosparse Model Meets Image Classification. IEEE Transactions on Image Processing, 2017, 26, 3449-3462.	6.0	10
236	Segment-Oriented Depiction and Analysis for Hyperspectral Image Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3982-3996.	2.7	13
237	Coupled Dictionary Learning for Target Recognition in SAR Images. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 791-795.	1.4	14
238	Learning part-based spatial models for laser-vision-based room categorization. International Journal of Robotics Research, 2017, 36, 379-402.	5.8	2

		CITATION R	EPORT	
#	Article		IF	CITATIONS
239	Joint fall and aspect angle recognition using fine-grained micro-Doppler classification. ,	2017, , .		5
240	Structured Kernel Dictionary Learning With Correlation Constraint for Object Recognit Transactions on Image Processing, 2017, 26, 4578-4590.	ion. IEEE	6.0	15
241	Locality constrained dictionary learning for human behaviour recognition. Journal of St Computation and Simulation, 2017, 87, 2526-2537.	atistical	0.7	4
242	Discriminative <roman>GoDec</roman> + for Classification. IEEE Transactions on Signa 2017, 65, 3414-3429.	al Processing,	3.2	10
243	Dictionary Alignment for Low-Resolution and Heterogeneous Face Recognition. , 2017	,,.		7
244	Sparse Representation for Time-Series Classification. , 2017, , 199-215.			1
245	Weighted Discriminative Dictionary Learning based on Low-rank Representation. Journ Conference Series, 2017, 787, 012020.	al of Physics:	0.3	0
246	Feature learning via partial differential equation with applications to face recognition. I Recognition, 2017, 69, 14-25.	Pattern	5.1	20
247	SDE: A Novel Selective, Discriminative and Equalizing Feature Representation for Visua International Journal of Computer Vision, 2017, 124, 145-168.	Recognition.	10.9	23
248	Learning Sparse Representation for No-Reference Quality Assessment of Multiply Disto Stereoscopic Images. IEEE Transactions on Multimedia, 2017, 19, 1821-1836.	rted	5.2	22
249	Sequential Dictionary Learning From Correlated Data: Application to fMRI Data Analysi Transactions on Image Processing, 2017, 26, 3002-3015.	s. IEEE	6.0	35
250	Discriminative Features Based on Two Layers Sparse Learning for Glacier Area Classifica Intensity Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Re 2017, 10, 3200-3212.		2.3	4
251	Dictionary Reduction: Automatic Compact Dictionary Learning for Classification. Lectu Computer Science, 2017, , 305-320.	re Notes in	1.0	2
252	Object-Aware Dictionary Learning with Deep Features. Lecture Notes in Computer Scie 237-253.	nce, 2017, ,	1.0	0
253	A Sparse Representation Model Using the Complete Marginal Fisher Analysis Framewo Applications to Visual Recognition. IEEE Transactions on Multimedia, 2017, 19, 1757-1	rk and Its 770.	5.2	14
254	Joint sparse model-based discriminative K-SVD for hyperspectral image classification. S Processing, 2017, 133, 144-155.	ignal	2.1	32
255	Efficient classification with sparsity augmented collaborative representation. Pattern R 2017, 65, 136-145.	ecognition,	5.1	73
256	Learning robust and discriminative low-rank representations for face recognition with o Pattern Recognition, 2017, 66, 129-143.	occlusion.	5.1	95

#	Article	IF	CITATIONS
257	Modality-Invariant Image Classification Based on Modality Uniqueness and Dictionary Learning. IEEE Transactions on Image Processing, 2017, 26, 884-899.	6.0	7
258	Robust Image Classification via Low-Rank Double Dictionary Learning. Lecture Notes in Computer Science, 2017, , 316-328.	1.0	1
259	Locality-constrained max-margin sparse coding. Pattern Recognition, 2017, 65, 285-295.	5.1	10
260	Submodular Attribute Selection for Visual Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2242-2255.	9.7	8
261	Dictionary learning strategies for sensor placement and leakage isolation in water networks. IFAC-PapersOnLine, 2017, 50, 1553-1558.	0.5	8
262	Joint Dictionary Learning for Person Re-identification. , 2017, , .		3
263	Multiple kernel learning using composite kernel functions. Engineering Applications of Artificial Intelligence, 2017, 64, 391-400.	4.3	7
264	Supervised Analysis Dictionary Learning. , 2017, , .		1
265	A Novel Dictionary Learning Method for Gas Identification With a Gas Sensor Array. IEEE Transactions on Industrial Electronics, 2017, 64, 9709-9715.	5.2	28
266	Multi-modal discriminative dictionary learning for Alzheimer's disease and mild cognitive impairment. Computer Methods and Programs in Biomedicine, 2017, 150, 1-8.	2.6	30
267	Fast Low-Rank Shared Dictionary Learning for Image Classification. IEEE Transactions on Image Processing, 2017, 26, 5160-5175.	6.0	142
268	Nonconvex Weighted \$ell _p\$ Minimization Based Group Sparse Representation Framework for Image Denoising. IEEE Signal Processing Letters, 2017, 24, 1686-1690.	2.1	40
269	Imposing shift-invariance using Flexible Structure Dictionary Learning (FSDL). , 2017, 69, 162-173.		6
270	Multi-Hypergraph Consistent Sparse Coding. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-25.	2.9	2
271	Class-Aware Analysis Dictionary Learning for Pattern Classification. IEEE Signal Processing Letters, 2017, 24, 1822-1826.	2.1	23
272	A Weighted Locally Linear KNN Model for Image Recognition. Communications in Computer and Information Science, 2017, , 567-578.	0.4	1
273	Multilayer Projective Dictionary Pair Learning and Sparse Autoencoder for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6683-6694.	2.7	40
274	Fisher discrimination dictionary pair learning for image classification. Neurocomputing, 2017, 269, 13-20.	3.5	26

# 275	ARTICLE Human action recognition in RGB-D videos using motion sequence information and deep learning. Pattern Recognition, 2017, 72, 504-516.	IF 5.1	Citations
276	Feature encoding in band-limited distributed surveillance systems. , 2017, , .		9
277	Class-wise deep dictionary learning. , 2017, , .		3
278	Low-rank double dictionary learning from corrupted data for robust image classification. Pattern Recognition, 2017, 72, 419-432.	5.1	18
279	Metaface block sparse Bayesian learning for face recognition. , 2017, , .		2
280	Through-the-wall radar signal classification using discriminative dictionary learning. , 2017, , .		2
281	Image classification: A hierarchical dictionary learning approach. , 2017, , .		8
282	Automatic apical view classification of echocardiograms using a discriminative learning dictionary. Medical Image Analysis, 2017, 36, 15-21.	7.0	70
283	Discriminative analysis-synthesis dictionary learning for image classification. Neurocomputing, 2017, 219, 404-411.	3.5	44
284	Bilevel Model-Based Discriminative Dictionary Learning for Recognition. IEEE Transactions on Image Processing, 2017, 26, 1173-1187.	6.0	29
285	Sparse embedded dictionary learning on face recognition. Pattern Recognition, 2017, 64, 51-59.	5.1	38
286	Adaptive Greedy Dictionary Selection for Web Media Summarization. IEEE Transactions on Image Processing, 2017, 26, 185-195.	6.0	51
287	Predictive high-level feature representation based on dictionary learning. Expert Systems With Applications, 2017, 69, 101-109.	4.4	8
288	Source cell phone verification from speech recordings using sparse representation. , 2017, 62, 125-136.		25
289	Discriminative sparse flexible manifold embedding with novel graph for robust visual representation and label propagation. Pattern Recognition, 2017, 61, 492-510.	5.1	46
290	Locality constrained dictionary learning for nonâ€linear dimensionality reduction and classification. IET Computer Vision, 2017, 11, 60-67.	1.3	8
291	Joint sparse principal component analysis. Pattern Recognition, 2017, 61, 524-536.	5.1	169
292	Regression Facial Attribute Classification via simultaneous dictionary learning. Pattern Recognition, 2017, 62, 99-113.	5.1	5

#	Article	IF	CITATIONS
293	Accurate classification of brain gliomas by discriminate dictionary learning based on projective dictionary pair learning of proton magnetic resonance spectra. Magnetic Resonance in Chemistry, 2017, 55, 318-322.	1.1	5
294	Class-wise dictionary learning for hyperspectral image classification. Neurocomputing, 2017, 220, 121-129.	3.5	18
295	Sample diversity, representation effectiveness and robust dictionary learning for face recognition. Information Sciences, 2017, 375, 171-182.	4.0	64
296	Discriminative Dictionary Learning With Two-Level Low Rank and Group Sparse Decomposition for Image Classification. IEEE Transactions on Cybernetics, 2017, 47, 3758-3771.	6.2	35
297	A New Discriminative Sparse Representation Method for Robust Face Recognition via \$I_{2}\$ Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2233-2242.	7.2	151
298	Semi-supervised Stacked Label Consistent Autoencoder for Reconstruction and Analysis of Biomedical Signals. IEEE Transactions on Biomedical Engineering, 2017, 64, 2196-2205.	2.5	101
299	Gender dictionary learning for gender classification. Journal of Visual Communication and Image Representation, 2017, 42, 1-13.	1.7	27
300	Discriminative Dictionary Learning With Motion Weber Local Descriptor for Violence Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 696-709.	5.6	81
301	Abnormality detection of mammograms by discriminative dictionary learning on DSIFT descriptors. , 2017, 2017, 1740-1743.		2
302	Optimal Couple Projections for Domain Adaptive Sparse Representation-Based Classification. IEEE Transactions on Image Processing, 2017, 26, 5922-5935.	6.0	16
303	Text extraction from texture images using masked signal decomposition. , 2017, , .		5
304	Improving GRN re onstruction by mining hidden regulatory signals. IET Systems Biology, 2017, 11, 174-181.	0.8	2
305	Spatial pyramid alignment for sparse coding based object classification. , 2017, , .		1
306	Multi-view task-driven recognition in visual sensor networks. , 2017, , .		3
307	Learning robust latent subspace for discriminative regression. , 2017, , .		1
308	Gabor feature based support vector guided dictionary learning for hyperspectral image classification. , 2017, , .		0
309	Greedy deep transform learning. , 2017, , .		14
310	Joint Discriminative Bayesian Dictionary and Classifier Learning. , 2017, , .		25

# 311	ARTICLE Structured supervised dictionary learning based on class-specific and shared sub-dictionaries. , 2017, ,	IF	Citations
312	Robust Projective Dictionary Learning by Joint Label Embedding and Classification. , 2017, , .		4
313	Consistent Iterative Multi-view Transfer Learning for Person Re-identification. , 2017, , .		2
314	Layered Multitask Tracker via Spatial–Temporal Laplacian Graph. IEEE Signal Processing Letters, 2017, 24, 1768-1772.	2.1	0
315	A comparative study of image classification algorithms for Foraminifera identification. , 2017, , .		18
316	Multi-Feature Kernel Discriminant Dictionary Learning for Classification in Alzheimer's Disease. , 2017, , .		0
317	Fast and compact Kronecker-structured dictionary learning for classification and representation. , 2017, , .		1
318	Exploring Dictionary Diversity for Improved Sparse Coding Based Speaker Verification. , 2017, , .		0
319	Discriminative Sparse Representation for Hyperspectral Image Classification: A Semi-Supervised Perspective. Remote Sensing, 2017, 9, 386.	1.8	15
320	Cross-angle behavior recognition via supervised dictionary learning. , 2017, , .		0
321	Kernel low-rank embedding dictionary learning for face recognition. , 2017, , .		1
322	Composite Fire Detection System Using Sparse Representation Method. Mathematical Problems in Engineering, 2017, 2017, 1-8.	0.6	6
323	Learning based image segmentation of post-operative CT-images: A hydrocephalus case study. , 2017, , .		3
324	Face recognition with shared-specific dictionary learning and locality-constrained sparse representation. , 2017, , .		1
325	From Eye Fixation to Perception: Reconstruction of Perceptual State from Eye Fixated Points on an Ambiguous Figure. , 2017, , .		0
326	Multi label learning and multi feature extraction for automatic image annotation. , 2017, , .		2
327	Learning a Class-specific and Shared Dictionary for Classifying Surface Defects of Steel Sheet. ISIJ International, 2017, 57, 123-130.	0.6	6
328	Structured Discriminative Dictionary Learning Based on Schatten-p Norm Low-Rank Representation. , 2017, , .		1

ARTICLE IF CITATIONS Learning Sparse Adversarial Dictionaries for Multi-class Audio Classification., 2017,,. 329 0 Robust Label Consistent Dictionary Learning for Face Recognition., 2017,,. Learning Based Segmentation of CT Brain Images: Application to Postoperative Hydrocephalic Scans. 331 2.539 IEEE Transactions on Biomedical Engineering, 2018, 65, 1871-1884. Optimizing Multistage Discriminative Dictionaries for Blind Image Quality Assessment. IEEE 179 Transactions on Multimedia, 2018, 20, 2035-2048. Joint Discriminative Dictionary and Classifier Learning for ALS Point Cloud Classification. IEEE 333 2.7 16 Transactions on Geoscience and Remote Sensing, 2018, 56, 524-538. Multicriteria-Based Active Discriminative Dictionary Learning for Scene Recognition. IEEE Access, 2018, 334 2.6 6, 4416-4426. Similarity preserving multi-task learning for radar target recognition. Information Sciences, 2018, 436-437, 388-402. 335 4.0 2 Inter-class sparsity based discriminative least square regression. Neural Networks, 2018, 102, 36-47. 3.3 336 Marginalized Denoising Dictionary Learning With Locality Constraint. IEEE Transactions on Image 337 6.0 11 Processing, 2018, 27, 500-510. Weakly Supervised Dictionary Learning. IEEE Transactions on Signal Processing, 2018, 66, 2527-2541. 3.2 Transductive Zero-Shot Learning With a Self-Training Dictionary Approach. IEEE Transactions on 339 6.2 53 Cybernetics, 2018, 48, 2908-2919. A Discriminative Face Geometric Feature-Based Face Recognition. Arabian Journal for Science and 340 Engineering, 2018, 43, 7679-7693. Robust, discriminative and comprehensive dictionary learning for face recognition. Pattern 341 5.1 57 Recognition, 2018, 81, 341-356. Contextual Online Dictionary Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1336-1347. 342 2.7 Online multi-layer dictionary pair learning for visual classification. Expert Systems With Applications, 343 4.4 9 2018, 105, 174-182. Analysis of single- and dual-dictionary strategies in pedestrian classification. Pattern Analysis and 344 3.1 Applications, 2018, 21, 655-670. Nonparametric Coupled Bayesian Dictionary and Classifier Learning for Hyperspectral Classification. 345 7.2 38 IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4038-4050. Dictionary learning-based reverberation removal enables depth-resolved photoacoustic microscopy 346 1.6 of cortical microvasculature in the mouse brain. Scientific Reports, 2018, 8, 985.

		CITATION RE	EPORT	
#	Article		IF	CITATIONS
347	Multi-View Analysis Dictionary Learning for Image Classification. IEEE Access, 2018, 6, 2	20174-20183.	2.6	20
348	Sliding window denoising K-Singular Value Decomposition and its application on rolling impact fault diagnosis. Journal of Sound and Vibration, 2018, 421, 205-219.	bearing	2.1	58
349	Label and orthogonality regularized non-negative matrix factorization for image classifi Signal Processing: Image Communication, 2018, 62, 139-148.	cation.	1.8	7
350	Space–frequency domain based joint dictionary learning and collaborative representa recognition. Signal Processing, 2018, 147, 101-109.	ation for face	2.1	24
351	Visual Representation and Classification by Learning Group Sparse Deep Stacking Netw Transactions on Image Processing, 2018, 27, 464-476.	vork. IEEE	6.0	14
352	Approximate Low-Rank Projection Learning for Feature Extraction. IEEE Transactions or Networks and Learning Systems, 2018, 29, 5228-5241.	Neural	7.2	84
353	Automated Quality Assessment of Fundus Images via Analysis of Illumination, Naturaln Structure. IEEE Access, 2018, 6, 806-817.	ess and	2.6	30
354	Robust and discriminative dictionary learning for face recognition. International Journal Wavelets, Multiresolution and Information Processing, 2018, 16, 1840004.	of	0.9	5
355	Super-resolution for biometrics: A comprehensive survey. Pattern Recognition, 2018, 7	8, 23-42.	5.1	95
356	Jointly Learning Structured Analysis Discriminative Dictionary and Analysis Multiclass C Transactions on Neural Networks and Learning Systems, 2018, 29, 3798-3814.	assifier. IEEE	7.2	127
357	Sparse projections matrix binary descriptors for face recognition. Neurocomputing, 20	18, 297, 8-21.	3.5	10
358	Incoherent Dictionary Pair Learning: Application to a Novel Open-Source Database of C IEEE Signal Processing Letters, 2018, 25, 472-476.	hinese Numbers.	2.1	13
359	Cross-Domain Collaborative Learning via Discriminative Nonparametric Bayesian Model Transactions on Multimedia, 2018, 20, 2086-2099.	. IEEE	5.2	15
360	Online discriminative dictionary learning for robust object tracking. Neurocomputing, 2 1801-1812.	018, 275,	3.5	13
361	Sparse factorial code representation using independent component analysis for face re Multimedia Tools and Applications, 2018, 77, 21371-21392.	cognition.	2.6	1
362	DL-CHI: a dictionary learning-based contemporaneous health index for degenerative dis monitoring. Eurasip Journal on Advances in Signal Processing, 2018, 2018, .	ease	1.0	2
363	A Greedy Deep Learning Method for Medical Disease Analysis. IEEE Access, 2018, 6, 20	021-20030.	2.6	72
364	Detection of Concealed Information Using Multichannel Discriminative Dictionary and Learning. IEEE Transactions on Information Forensics and Security, 2018, 13, 2616-262	Spatial Filter	4.5	7

#	Article	IF	CITATIONS
365	Learning Collaborative Sparsity Structure via Nonconvex Optimization for Feature Recognition. IEEE Transactions on Industrial Informatics, 2018, 14, 4417-4430.	7.2	18
366	Marginal Representation Learning With Graph Structure Self-Adaptation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4645-4659.	7.2	58
367	Bi-dimensional Empirical Mode Decomposition and Nonconvex Penalty Minimization L q (q = 0.5) Regular Sparse Representation-based Classification for Image Recognition. Pattern Recognition and Image Analysis, 2018, 28, 59-70.	0.6	5
368	Joint of locality- and globality-preserving projections. Signal, Image and Video Processing, 2018, 12, 565-572.	1.7	2
369	Sparse coding and dictionary learning with class-specific group sparsity. Neural Computing and Applications, 2018, 30, 1265-1275.	3.2	10
370	A compact discriminant hierarchical clustering approach for action recognition. Multimedia Tools and Applications, 2018, 77, 7539-7564.	2.6	1
371	Machinery fault diagnosis based on time–frequency images and label consistent K-SVD. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 1317-1330.	1.1	7
372	A survey of virtual sample generation technology for face recognition. Artificial Intelligence Review, 2018, 50, 1-20.	9.7	46
373	Autoencoder With Invertible Functions for Dimension Reduction and Image Reconstruction. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1065-1079.	5.9	66
374	Multi-Dimensional Sparse Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 163-178.	9.7	43
375	Regularized Label Relaxation Linear Regression. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1006-1018.	7.2	85
376	Nonlinear dictionary learning with application to image classification. Pattern Recognition, 2018, 75, 282-291.	5.1	44
377	Toward a Blind Quality Predictor for Screen Content Images. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1521-1530.	5.9	25
378	DUK-SVD: dynamic dictionary updating for sparse representation of a long-time remote sensing image sequence. Soft Computing, 2018, 22, 3331-3342.	2.1	6
379	Learning Discriminative Dictionary for Facial Expression Recognition. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2018, 35, 275-281.	2.1	3
380	Sparse coding with cross-view invariant dictionaries for person re-identification. Multimedia Tools and Applications, 2018, 77, 10715-10732.	2.6	5
381	Supervised neighborhood regularized collaborative representation for face recognition. Multimedia Tools and Applications, 2018, 77, 29509-29529.	2.6	6
382	Discriminative Block-Diagonal Representation Learning for Image Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3111-3125.	7.2	104

#	Article	IF	CITATIONS
383	An Information Bottleneck Approach to Optimize the Dictionary of Visual Data. IEEE Transactions on Multimedia, 2018, 20, 96-106.	5.2	3
384	Robust Latent Subspace Learning for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2502-2515.	7.2	74
385	Discriminative dictionary pair learning based on differentiable support vector function for visual recognition. Neurocomputing, 2018, 272, 306-313.	3.5	12
386	Local and global sparse representation for no-reference quality assessment of stereoscopic images. Information Sciences, 2018, 422, 110-121.	4.0	16
387	Image to Video Person Re-Identification by Learning Heterogeneous Dictionary Pair With Feature Projection Matrix. IEEE Transactions on Information Forensics and Security, 2018, 13, 717-732.	4.5	49
388	Discriminative low-rank graph preserving dictionary learning with Schatten-p quasi-norm regularization for image recognition. Neurocomputing, 2018, 275, 697-710.	3.5	11
389	Face Recognition via Collaborative Representation: Its Discriminant Nature and Superposed Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2513-2521.	9.7	110
390	Dictionary learning with structured noise. Neurocomputing, 2018, 273, 414-423.	3.5	22
391	Superpixel Guided Deep-Sparse-Representation Learning for Hyperspectral Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3163-3173.	5.6	35
392	Detection and Separation of Smoke From Single Image Frames. IEEE Transactions on Image Processing, 2018, 27, 1164-1177.	6.0	52
393	Time-Series Classification Methods: Review and Applications to Power Systems Data. , 2018, , 179-220.		63
394	Robust Adaptive Embedded Label Propagation With Weight Learning for Inductive Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3388-3403.	7.2	53
395	Robust \$\$I_{2,1}\$\$ 2 , 1 Norm-Based Sparse Dictionary Coding Regularization of Homogenous and Heterogenous Graph Embeddings for Image Classifications. Neural Processing Letters, 2018, 47, 1149-1175.	2.0	3
396	Discriminant Collaborative Representation based on Classification. , 2018, , .		0
397	Discriminative sparse representation learning using multiclass hinge loss. , 2018, , .		1
398	Supervised Image Classification with Self-Paced Regularization. , 2018, , .		0
399	Complex Behavior Recognition Based on Convolutional Neural Network: A Survey. , 2018, , .		2
400	An Arc Fault Detection Method Based on Multidictionary Learning. Mathematical Problems in Engineering, 2018, 2018, 1-8.	0.6	5

~		<u> </u>	
Сітаї	FION	Ked	ORT

#	Article	IF	CITATIONS
401	Graph Structured Dictionary for Regression. , 2018, , .		0
402	Multi-task hybrid dictionary learning for vehicle classification in sensor networks. International Journal of Distributed Sensor Networks, 2018, 14, 155014771880902.	1.3	0
403	Robust Discriminative Projective Dictionary Pair Learning by Adaptive Representations. , 2018, , .		3
404	Low Probability of Intercept Radar Waveform Recognition Based on Dictionary Leaming. , 2018, , .		6
405	A joint optimization framework of low-dimensional projection and collaborative representation for discriminative classification. , 2018, , .		12
406	Robust Locality-Constrained Label Consistent K-SVD by Joint Sparse Embedding. , 2018, , .		1
407	Adaptive Locality Preserving based Discriminative Regression. , 2018, , .		1
408	Sparse Representation Based Class Level Dictionary Learning Approach for Histopathology Image Classification. , 2018, , .		3
409	Improved Structured Dictionary Learning via Correlation and Class Based Block Formation. IEEE Transactions on Signal Processing, 2018, 66, 5082-5095.	3.2	9
410	Linear Predictive Model for Discriminative Feature Representation of Object Classification. , 2018, , .		Ο
411	Piano multipitch estimation using sparse coding embedded deep learning. Eurasip Journal on Audio, Speech, and Music Processing, 2018, 2018, .	1.3	2
412	Spatiotemporal KSVD Dictionary Learning for Online Multi-target Tracking. , 2018, , .		3
413	Non-linear dictionary representation of deep features for face recognition from a single sample per person. Procedia Computer Science, 2018, 127, 114-122.	1.2	16
414	Heuristic Based Learning of Parameters for Dictionaries in Sparse Representations. , 2018, , .		1
415	Recognition and Classification of Coal Sample Composition Using KSVD. , 2018, , .		0
416	Consistent Sparse Representation based on Discriminative Dictionary Learning for Face Recognition. , 2018, , .		0
417	Vehicle Re-Identification Based on Coupled Dictionary Learning. , 2018, , .		3
418	Row-Sparse Discriminative Deep Dictionary Learning for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 5019-5028.	2.3	15

#	Article	IF	CITATIONS
419	A General Framework for Understanding Compressed Subspace Clustering Algorithms. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1504-1519.	7.3	7
420	Regressing Kernel Dictionary Learning. , 2018, , .		4
421	Riemannian joint dimensionality reduction and dictionary learning on symmetric positive definite manifolds. , 2018, , .		2
422	Adaptive Local Aspect Dictionary Pair Learning for Synthetic Aperture Radar Target Image Classification. Sensors, 2018, 18, 2940.	2.1	1
423	Joint Dictionary Learning and Semantic Constrained Latent Subspace Projection for Cross-Modal Retrieval. , 2018, , .		6
424	Group Sparsity Residual with Non-Local Samples for Image Denoising. , 2018, , .		12
425	Task-Driven Dictionary Learning based on Convolutional Neural Network Features. , 2018, , .		0
426	Semi-supervised Dictionary Active Learning for Pattern Classification. Lecture Notes in Computer Science, 2018, , 560-572.	1.0	0
427	A Flexible Dirty Model Dictionary Learning Approach for Classification. , 2018, , .		0
428	Exploiting class-wise coding coefficients: Learning a discriminative dictionary for pattern classification. Neurocomputing, 2018, 321, 114-125.	3.5	4
429	Structured Analysis Dictionary Learning for Image Classification. , 2018, , .		8
430	Sparse Representation Wavelet Based Classification. , 2018, , .		7
431	Supervised Deep Dictionary Learning for Single Label and Multi-Label Classification. , 2018, , .		4
432	Complexity-Based Discrepancy Measures Applied to Detection of Apnea-Hypopnea Events. Complexity, 2018, 2018, 1-18.	0.9	4
433	Linearized kernel dictionary learning with group sparse priors for action recognition. Visual Computer, 2019, 35, 1797.	2.5	3
434	Robust Visual Tracking via Sparse Feature Selection and Weight Dictionary Update. Lecture Notes in Computer Science, 2018, , 484-494.	1.0	0
435	Adaptive Visual Target Tracking Based on Label Consistent K-Svd Sparse Coding and Kernel Particle Filter. , 2018, , .		1
436	Recognition of Faces and Facial Attributes Using Accumulative Local Sparse Representations. , 2018, , .		1

	Сітат	fion Report	
#	Article	IF	CITATIONS
437	Dictionary Learning for Bearing Fault Diagnosis. , 2018, , .		0
438	Improved Cross-Label Suppression Dictionary Learning for Face Recognition. IEEE Access, 2018, 6, 48716-48725.	2.6	24
439	Feed Development for Multispot Beam Antennas. , 2018, , .		0
440	Notice of Removal: Target Detection Based on Binocular Stereo Vision. , 2018, , .		1
441	Transversal navigation algorithm for Unmanned Underwater Vehicles in the polar region. , 2018, , .		2
442	Braille Hand Clove A better way of Communication. , 2018, , .		1
443	A Microgrid Variable Reactor with Filtering Function Using Transformer and Inverter. , 2018, , .		1
444	Classification and Representation via Separable Subspaces: Performance Limits and Algorithms. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1015-1030.	7.3	2
445	An interactively constrained discriminative dictionary learning algorithm for image classification. Engineering Applications of Artificial Intelligence, 2018, 72, 241-252.	4.3	9
446	Synthesis K-SVD based analysis dictionary learning for pattern classification. Multimedia Tools and Applications, 2018, 77, 17023-17041.	2.6	18
447	Robust Visual Tracking via Online Discriminative and Low-Rank Dictionary Learning. IEEE Transactions on Cybernetics, 2018, 48, 2643-2655.	6.2	40
448	Euler Label Consistent K-SVD for image classification and action recognition. Neurocomputing, 2018, 310, 277-286.	3.5	15
449	A Nonnegative Locally Linear KNN model for image recognition. Pattern Recognition, 2018, 83, 78-90.	5.1	18
450	Generative and Discriminative Sparse Coding for Image Classification Applications. , 2018, , .		1
451	Self-supervised sparse coding scheme for image classification based on low rank representation. PLoS ONE, 2018, 13, e0199141.	1.1	26
452	Fisher Discrimination Regularized Robust Coding Based on a Local Center for Tumor Classification. Scientific Reports, 2018, 8, 9152.	1.6	2
453	Analysis-synthesis model learning with shared features: A new framework for histopathological image classification. , 2018, , .		3
454	An Aurora Image Classification Method based on Compressive Sensing and Distributed WKNN. , 2018, , .		2

#	Article	IF	Citations
455	A Deep Network Architecture for Super-Resolution-Aided Hyperspectral Image Classification With Classwise Loss. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4650-4663.	2.7	62
456	Collaborative Self-Regression Method With Nonlinear Feature Based on Multi-Task Learning for Image Classification. IEEE Access, 2018, 6, 43513-43525.	2.6	33
457	Graph structured autoencoder. Neural Networks, 2018, 106, 271-280.	3.3	38
458	Mutually exclusive-KSVD: Learning a discriminative dictionary for hyperspectral image classification. Neurocomputing, 2018, 315, 177-189.	3.5	13
459	Projection learning with local and global consistency constraints for scene classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 144, 202-216.	4.9	9
460	Enhancing keyword correlation for event detection in social networks using SVD and k-means: Twitter case study. Social Network Analysis and Mining, 2018, 8, 1.	1.9	7
461	Sparse MDMO: Learning a Discriminative Feature for Spontaneous Micro-Expression Recognition. IEEE Transactions on Affective Computing, 2018, , 1-1.	5.7	42
462	Classification of Alzheimer's Disease, Mild Cognitive Impairment, and Cognitively Unimpaired Individuals Using Multi-feature Kernel Discriminant Dictionary Learning. Frontiers in Computational Neuroscience, 2017, 11, 117.	1.2	22
463	Non-Local Sparse Image Inpainting for Document Bleed-Through Removal. Journal of Imaging, 2018, 4, 68.	1.7	14
464	Contributions of Machine Learning to Remote Sensing Data Analysis. , 2018, , 199-243.		7
465	Multiple Instance Dictionary Learning for Beat-to-Beat Heart Rate Monitoring From Ballistocardiograms. IEEE Transactions on Biomedical Engineering, 2018, 65, 2634-2648.	2.5	26
466	Low-rank and sparse embedding for dimensionality reduction. Neural Networks, 2018, 108, 202-216.	3.3	22
467	Representation of Radar Micro-Dopplers Using Customized Dictionaries. , 0, , .		1
468	Facial expression recognition using intraâ€class variation reduced features and manifold regularisation dictionary pair learning. IET Computer Vision, 2018, 12, 458-465.	1.3	10
469	Deep dictionary learning application in GPR B-scan images. Signal, Image and Video Processing, 2018, 12, 1567-1575.	1.7	15
470	Learning an event-oriented and discriminative dictionary based on an adaptive label-consistent K-SVD method for event detection in soccer videos. Journal of Visual Communication and Image Representation, 2018, 55, 489-503.	1.7	6
471	Learning a discriminative dictionary for classification with outliers. Signal Processing, 2018, 152, 255-264.	2.1	4
472	Multi-Layer Convolutional Sparse Modeling: Pursuit and Dictionary Learning. IEEE Transactions on Signal Processing, 2018, , 1-1.	3.2	47

ARTICLE IF CITATIONS Simultaneous visual-appearance-level and spatial-temporal-level dictionary learning for video-based 473 3.2 11 person re-identification. Neural Computing and Applications, 2019, 31, 7303-7315. Group sparse based locality – sensitive dictionary learning for video semantic analysis. Multimedia 474 2.6 Tools and Applications, 2019, 78, 6721-6744. Discriminative Autoencoder for Feature Extraction: Application to Character Recognition. Neural 475 2.0 38 Processing Letters, 2019, 49, 1723-1735. Flexible Affinity Matrix Learning for Unsupervised and Semisupervised Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1133-1149. Joint Learning of Spectral Clustering Structure and Fuzzy Similarity Matrix of Data. IEEE Transactions 477 6.5 22 on Fuzzy Systems, 2019, 27, 31-44. Recomputation of dense layers for the performance improvement of DCNN. IEEE Transactions on 478 Pattern Analysis and Machine Intelligence, 2019, 42, 1-1. Weighted <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>l</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow>< 479 Norm Sparse Error Constraint Based ADMM for Image Denoising. Mathematical Problems in Engineering, 2019, 2019, 1-15. Locally Joint Sparse Marginal Embedding for Feature Extraction. IEEE Transactions on Multimedia, 480 5.2 2019, 21, 3038-3052. Low-rank analysis–synthesis dictionary learning with adaptively ordinal locality. Neural Networks, 481 3.3 16 2019, 119, 93-112. Deep Dictionary Learning: A PARametric NETwork Approach. IEEE Transactions on Image Processing, 6.0 49 2019, 28, 4790-4802 Analysis Dictionary Learning: an Efficient and Discriminative Solution., 2019,,. 483 9 Inductive Conformal Predictor for Sparse Coding Classifiers: Applications to Image Classification., 484 2019,,. 485 Recurrent transform learning. Neural Networks, 2019, 118, 271-279. 3.3 6 Semi-Supervised SAR ATR via Multi-Discriminator Generative Adversarial Network. IEEE Sensors Journal, 2019, 19, 7525-7533. 2.4 Weighted Patch-based Manifold Regularization Dictionary Pair Learning model for facial expression 487 recognition using Iterative Optimization Classification Strategy. Computer Vision and Image 3.011 Understanding, 2019, 186, 13-24. Vehicle classification approach based on the combined texture and shape features with a compressive 488 DL. IET Intelligent Transport Systems, 2019, 13, 1069-1077. Analysis Dictionary Learning Based Classification: Structure for Robustness. IEEE Transactions on 489 6.0 29 Image Processing, 2019, 28, 6035-6046. 490 Multiscale Kernel Dictionary Learning Combined with Labels for SAR Image Classification., 2019, , .

#	Article	IF	CITATIONS
491	Multi-view SAR Target Recognition Based on Joint Dictionary and Classifier Learning. , 2019, , .		4
492	Multi-Discriminator Generative Adversarial Network for Semi-Supervised SAR Target Recognition. , 2019, , .		1
493	Supervised Dictionary Learning With Regularization for Near-Infrared Spectroscopy Classification. IEEE Access, 2019, 7, 100923-100932.	2.6	5
494	Dictionary Learning-Based Speech Enhancement. , 0, , .		2
495	Structure-constrained discriminative dictionary learning based on Schatten p-norm for face recognition. , 2019, 95, 102573.		3
496	Subcortical Brain Segmentation Based on a Novel Discriminative Dictionary Learning Method and Sparse Coding. IEEE Access, 2019, 7, 149785-149796.	2.6	0
497	Leakage Identification in Water Distribution Networks with Error Tolerance Capability. Water Resources Management, 2019, 33, 1233-1247.	1.9	20
498	Compact dictionary pair learning and refining based on principal components analysis. International Journal of Wavelets, Multiresolution and Information Processing, 2019, 17, 1950033.	0.9	0
499	A Label-Embedding Online Nonnegative Matrix Factorization Algorithm. IEEE Access, 2019, 7, 105882-105891.	2.6	1
500	Complex Gaussian–Bayesian Online Dictionary Learning for SAR Target Recognition with Limited Labeled Samples. IEEE Access, 2019, 7, 120626-120637.	2.6	3
501	Simultaneous Nonlocal Self-Similarity Prior for Image Denoising. , 2019, , .		2
502	Class-Oriented Discriminative Dictionary Learning for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2019, , 1-1.	5.6	8
503	Dictionary Learning for Adaptive GPR Landmine Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 10036-10055.	2.7	31
504	Kernel sparse representation based model for skin lesions segmentation and classification. Computer Methods and Programs in Biomedicine, 2019, 182, 105038.	2.6	35
505	Locality Preserved Joint Nonnegative Matrix Factorization for Speech Emotion Recognition. IEICE Transactions on Information and Systems, 2019, E102.D, 821-825.	0.4	0
506	Robust discriminant analysis with adaptive locality preserving. International Journal of Machine Learning and Cybernetics, 2019, 10, 2791-2804.	2.3	4
507	Sparse, collaborative, or nonnegative representation: Which helps pattern classification?. Pattern Recognition, 2019, 88, 679-688.	5.1	106
508	Features Combined From Hundreds of Midlayers: Hierarchical Networks With Subnetwork Nodes. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3313-3325.	7.2	14

#	Article	IF	CITATIONS
509	Event detection in soccer videos using unsupervised learning of Spatio-temporal features based on pooled spatial pyramid model. Multimedia Tools and Applications, 2019, 78, 16995-17025.	2.6	22
510	An ADMM Approach to Masked Signal Decomposition Using Subspace Representation. IEEE Transactions on Image Processing, 2019, 28, 3192-3204.	6.0	50
511	Generalized compressed sensing with QR-based vision matrix learning for face recognition under natural scenes. Signal Processing: Image Communication, 2019, 77, 11-19.	1.8	0
512	Graph-Regularized Discriminative Analysis-Synthesis Dictionary Pair Learning for Image Classification. IEEE Access, 2019, 7, 55398-55406.	2.6	10
513	Supervised dictionary learning supported classifier with feature fusion scheme to noninvasively detect TRISO-particle defects. Journal of Nuclear Materials, 2019, 523, 43-50.	1.3	2
514	Discriminative dictionary learning for retinal vessel segmentation using fusion of multiple features. Signal, Image and Video Processing, 2019, 13, 1529-1537.	1.7	16
515	Adaptive Fusion and Category-Level Dictionary Learning Model for Multiview Human Action Recognition. IEEE Internet of Things Journal, 2019, 6, 9280-9293.	5.5	154
516	Video smoke separation and detection via sparse representation. Neurocomputing, 2019, 360, 61-74.	3.5	10
517	Joint Sparse Regularization for Dictionary Learning. Cognitive Computation, 2019, 11, 697-710.	3.6	6
518	A Heuristic Transformation in Discriminative Dictionary Learning for Person Re-Identification. IEEE Access, 2019, 7, 40313-40322.	2.6	1
519	SAR Automatic Target Recognition Based on Attribute Scattering Center Model and Discriminative Dictionary Learning. IEEE Sensors Journal, 2019, 19, 4598-4611.	2.4	28
520	Dictionary learning enhancement framework: Learning a non-linear mapping model to enhance discriminative dictionary learning methods. Neurocomputing, 2019, 357, 135-150.	3.5	7
521	Discriminative dictionary learning for local LV wall motion classification in cardiac MRI. Expert Systems With Applications, 2019, 129, 286-295.	4.4	6
522	Supervised dictionary learning of EEG signals for mild cognitive impairment diagnosis. Biomedical Signal Processing and Control, 2019, 53, 101559.	3.5	31
523	Multi-resolution dictionary learning for face recognition. Pattern Recognition, 2019, 93, 283-292.	5.1	62
524	Fisher Discriminative Coupled Dictionaries Learning. Neural Processing Letters, 2019, 50, 2991-3008.	2.0	2
525	Palm vein recognition based on competitive code and DPL. , 2019, , .		5
526	Face recognition based on dictionary learning and subspace learning. , 2019, 90, 110-124.		23

#	Article	IF	CITATIONS
527	Cross-View Self-Similarity Using Shared Dictionary Learning for Cervical Cancer Staging. IEEE Access, 2019, 7, 30079-30088.	2.6	4
528	Multi-Dictionary Based Collaborative Representation: With Applications to 3D Ear and 3D Palmprint Identification. Mathematical Problems in Engineering, 2019, 2019, 1-13.	0.6	0
529	A Fuzzy Deep Model Based on Fuzzy Restricted Boltzmann Machines for High-dimensional Data Classification. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	6.5	31
530	Fast SRC using quadratic optimisation in downsized coefficient solution subspace. Signal Processing, 2019, 161, 101-110.	2.1	5
531	Face recognition in low-quality images using adaptive sparse representations. Image and Vision Computing, 2019, 85, 46-58.	2.7	20
532	Multi-Constraints-Based Enhanced Class-Specific Dictionary Learning for Image Classification. Lecture Notes in Computer Science, 2019, , 436-448.	1.0	0
533	Label-Consistent Transform Learning for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1502-1506.	1.4	14
534	Group K-SVD for the classification of gene expression data. Computers and Electrical Engineering, 2019, 76, 143-153.	3.0	6
535	Sparse classification using Group Matching Pursuit. Neurocomputing, 2019, 338, 83-91.	3.5	2
536	Supervised Discriminative Sparse PCA for Com-Characteristic Gene Selection and Tumor Classification on Multiview Biological Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2926-2937.	7.2	42
537	Coherence-regularized discriminative dictionary learning for histopathological image classification. Signal, Image and Video Processing, 2019, 13, 923-931.	1.7	1
538	Multiscale Incremental Dictionary Learning With Label Constraint for SAR Object Recognition. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 80-84.	1.4	14
539	Multi-layer discriminative dictionary learning with locality constraint for image classification. Pattern Recognition, 2019, 91, 135-146.	5.1	35
540	Adaptive visual target tracking algorithm based on classified-patch kernel particle filter. Eurasip Journal on Image and Video Processing, 2019, 2019, .	1.7	8
541	Learning Modality-Consistency Feature Templates: A Robust RGB-Infrared Tracking System. IEEE Transactions on Industrial Electronics, 2019, 66, 9887-9897.	5.2	100
542	Manifold Smoothed Class-specific Discriminant Collaborative Representation for Face Recognition. , 2019, , .		1
543	IPv6 Neighbor Discovery with Multi-hop Communication for IP-Based Vehicular Networks. , 2019, , .		0
544	Study of the energy consumption of graphical interfaces on TFT displays. , 2019, , .		1

#	Article	IF	CITATIONS
545	Enabling Secure Wireless Communications via Intelligent Reflecting Surfaces. , 2019, , .		210
546	Blind Topology Identification for Smart Grid Based on Dictionary Learning. , 2019, , .		5
547	A Miniaturized Wideband Implantable Antenna for Telemetry Applications. , 2019, , .		2
548	Inter-comparison Characterization of Nitrous Acid Measurements by IBBCEAS and LOPAP. , 2019, , .		1
549	Optical sectioning microscopy with both mechanical and non-mechanical beam scanning mechanisms. , 2019, , .		1
550	Real-Time Streaming of Sequential Volumetric Data for Augmented Reality Synchronized with Broadcast Video. , 2019, , .		0
552	Application of Sparse Representation Based on Novel K-SVD Algorithms in Mechanical Fault Diagnosis. , 2019, , .		0
553	Towards Explainable Shared Control using Augmented Reality. , 2019, , .		16
554	Scaling Up Heterogeneous Waveform Clustering for Long-Duration Monitoring Signal Acquisition, Analysis, and Interaction: Bridging Big Data Analytics with Measurement Instrument Usage Pattern. , 2019, , .		1
555	Fuzzy Logic Controller Hardware Implementation using XSG tools Applied to a Variable Speed Wind Turbine Emulator. , 2019, , .		1
556	Research Opportunities Regarding Tree and Network Productstructure Representations in a Semiconductor Supply Chain. , 2019, , .		0
557	Welcome Messages. , 2019, , .		0
558	Learning Structured Twin-Incoherent Twin-Projective Latent Dictionary Pairs for Classification. , 2019, , .		11
559	Resource Allocation for Secure IRS-Assisted Multiuser MISO Systems. , 2019, , .		117
560	Clusteling Methods Using Synchronization of Chaotic Circuit Networks. , 2019, , .		1
561	Convolutional Neural Networks to Classify Oil, Water and Gas Wells Fluid Using Acoustic Signals. , 2019, , .		4
562	Structural Dictionary Learning based on Non-convex Surrogate of â,,"â,,,â,•Norm for Classification. , 2019, , .		1
563	Proof of Concept for Three-Phase Extension of a Mains Frequency Estimation Algorithm. , 2019, , .		1

#	Article	IF	CITATIONS
564	ISSCC 2019 Session 27 Overview: Energy Harvesting & DC/DC Control Techniques. , 2019, , .		0
565	Design of Smart Pole Systems Using Internet of Things. , 2019, , .		0
566	Run-time Class Generation: Algorithms for Intersection of Homogeneous and Inhomogeneous Classes. , 2019, , .		4
568	The Comparison of deep learning recognition methods based on SAR image. , 2019, , .		0
569	Secure estimation for intelligent connected vehicle systems against sensor attacks. , 2019, , .		1
570	A 0.450 ÂμW 125 ppm/°C PVT compensated 100nA current reference in 0.18 Âμm CMOS technology. , 2019, , .		0
571	Feature Scoring using Tree-Based Ensembles for Evolving Data Streams. , 2019, , .		8
572	eSGarden-Implementing a school-university collaboration project for inclusive and equitable education through technology. , 2019, , .		0
573	Light load characteristics and control optimization strategy for cascaded multilevel DC link SST. , 2019, , .		0
574	Detectability Analysis of Faults Affecting Actuators and Sensors of Flexible Space Structures. , 2019, , .		0
575	Corrections to "An Automatic Approach for Learning and Tuning Gaussian Interval Type-2 Fuzzy Membership Functions Applied to Lung CAD Classification System―[Apr 12 224-234]. IEEE Transactions on Fuzzy Systems, 2019, 27, 1700-1700.	6.5	4
576	FPGA-Based Optimized Convolutional Neural Network Framework for Handwritten Digit Recognition. , 2019, , .		4
577	Super-Resolution Diffusion Tensor Imaging using SRCNN: A Feasibility Study. , 2019, 2019, 2830-2834.		20
578	Classification of ADHD Using Ensemble Algorithms with Deep Learning and Hand Crafted Features. , 2019, , .		0
579	Performance Analysis of PI, PID & IMC Controllers for the Drug Adrenaline. , 2019, , .		0
580	SAR Target Recognition via Joint Sparse and Dense Representation of Monogenic Signal. Remote Sensing, 2019, 11, 2676.	1.8	4
581	Hybrid Approach for Face Recognition from a Single Sample per Person by Combining VLC and GOM. Journal of Intelligent Systems, 2019, 29, 1523-1534.	1.2	3
582	On the Performance of Slotted Vector-Disjunctive Channel. , 2019, , .		4

	CITATION	CITATION REPORT	
#	Article	IF	CITATIONS
583	Short-Term Demand Forecast Using Fourier Series. , 2019, , .		5
584	Virtual Power Plant enabled Co-ordinated Frequency Control of a grid connected Independent Hybrid Microgrid using Firefly algorithm. , 2019, , .		6
585	A Novel Pitch-Frequency-Based ECG Signal Classification Approach for Abnormality Detection. , 2019, , .		2
586	Potential Accuracy in Estimating Surface Roughness Heights for a Safe Helicopter Landing System. , 2019, , .		0
587	Simulation and Optimization of Large Aircraft Landing Gear System based on AMESim and Python Script. , 2019, , .		1
588	Control delay compensation scheme based on nonâ€instantaneous loading and pulseâ€width equivalence for active damping of LCL â€type inverters. IET Power Electronics, 2019, 12, 2389-2399.	1.5	15
589	Novel Indices for Voltage Stability Evaluation of Wind-penetrated Power System with Complex Load. , 2019, , .		2
590	Prevention from Security Risks of Spyware by the use of Ai. , 2019, , .		2
591	Calculation of Parameters Asynchronous Generator with Stator Winding Connected in the Star-Delta. , 2019, , .		5
592	Reliability Analysis of a Distribution Network in Two State Weather Condition. , 2019, , .		1
593	Activity-based Cost Model for Material Extrusion Processes Along the Additive Manufacturing Process Chain. , 2019, , .		1
594	Method of parameters collaborative learning of multiple CAN node for industrial robots. , 2019, , .		0
595	Modified RLS Algorithm for Interference Cancelation in a MIMO System. , 2019, , .		2
596	A Behavior Tree Cognitive Assistant System for Emergency Medical Services. , 2019, , .		8
597	SocialEdge: Enabling Trusted Data Processing Workflow in Smart Communities. , 2019, , .		0
598	Quantum Interference and Entanglement Effects in Hybrid Three-Terminal Splitters. , 2019, , .		0

Conception of Ontology for Computer Methods of Paintings Analysis. , 2019, , .

A Radar Sigal Recognition Method Based on Fisher Discrimination Dictionary Learning. , 2019, , .

CITATION	Report
CHARTON	

#	Article	IF	CITATIONS
601	Design of Delayed Output Feedback of Linear Time-Varying Systems With Applications to Spacecraft Magnetic Attitude Control. , 2019, , .		0
602	Research on Human Motion Recognition System Based on MEMS Sensor Network. , 2019, , .		4
603	Integration of Blockchains with Management Information Systems. , 2019, , .		4
604	Markov Chain and Monte Carlo Predictions for Light Multiple Scattering Applications. , 2019, , .		0
605	An innovative slot cooling for integrated electric drives. , 2019, , .		6
606	Dynamic Data security for Hadoop Systems using Fuzzy Adaptive Security Profiles (FASP). , 2019, , .		0
607	Orbit Characterization, Stabilization and Composition on 3D Underactuated Bipedal Walking via Hybrid Passive Linear Inverted Pendulum Model. , 2019, , .		17
608	Market Response for Real-Time Energy Balancing – Evidence From Three Countries. , 2019, , .		1
609	Design and Perception of a Social Robot to Promote Hand Washing among Children in a Rural Indian School. , 2019, , .		5
610	Consensus building for interval MAGDM problems based on integer programming models. , 2019, , .		0
611	Implementation of Haversine Formula on Location Based Mobile Application in Syiah Kuala University. , 2019, , .		9
612	Point Set Multi-Level Aggregation Feature Extraction Based on Multi-Scale Max Pooling and LDA for Point Cloud Classification. Remote Sensing, 2019, 11, 2846.	1.8	10
613	Circulation suppression of synchronous/interleaving paralleled 400ÂHz threeâ€phase fourâ€leg inverter based on third harmonics injection. IET Power Electronics, 2019, 12, 3624-3634.	1.5	2
614	Systematic Design of Photonic Crystal Cavities with Ultra-Low Modal Volume Considering Different Fabrication Resolutions. , 2019, , .		0
615	Semi-Supervised Learning With Graph Learning-Convolutional Networks. , 2019, , .		156
616	BAD SLAM: Bundle Adjusted Direct RGB-D SLAM. , 2019, , .		128
617	Ship Detection in Synthetic Aperture Radar Imagery Based on Discriminative Dictionary Learning. , 2019, , \cdot		2
618	Multifeature-Based Discriminative Label Consistent K-SVD for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4995-5008.	2.3	11

#	Article	IF	CITATIONS
619	Enhancing MR Image Reconstruction Using Block Dictionary Learning. IEEE Access, 2019, 7, 158434-158444.	2.6	7
620	Image Classification via Hierarchical Dictionary Learning. , 2019, , .		0
621	Joint Supervised Dictionary and Classifier Learning for Multi-View SAR Image Classification. IEEE Access, 2019, 7, 165127-165142.	2.6	15
622	Discriminative Analysis Dictionary and Classifier Learning for Pattern Classification. , 2019, , .		4
623	A Robust Multiscale Dictionary Learning Algorithm for Sar Object Recognition. , 2019, , .		0
624	Low-Rank and Continuous Target Feature Enhancement for SAR Object Recognition. , 2019, , .		0
625	Discrimination of Movement-Related Cortical Potentials Exploiting Unsupervised Learned Representations From ECoGs. Frontiers in Neuroscience, 2019, 13, 1248.	1.4	1
626	Class-Oriented Local Structure Preserving Dictionary Learning for SAR Target Recognition. , 2019, , .		1
627	Incremental learning-based visual tracking with weighted discriminative dictionaries. International Journal of Advanced Robotic Systems, 2019, 16, 172988141989015.	1.3	0
628	Wave Physics Informed Dictionary Learning In One Dimension. , 2019, , .		2
629	Siamese Deep Dictionary Learning. , 2019, , .		1
630	Learning recurrent residual regressors for single image super-resolution. Signal Processing, 2019, 154, 324-337.	2.1	18
631	Joint CRF and Locality-Consistent Dictionary Learning for Semantic Segmentation. IEEE Transactions on Multimedia, 2019, 21, 875-886.	5.2	20
632	Multimode process monitoring based on robust dictionary learning with application to aluminium electrolysis process. Neurocomputing, 2019, 332, 305-319.	3.5	53
633	Supervised Sparse Coding With Decision Forest. IEEE Signal Processing Letters, 2019, 26, 327-331.	2.1	9
634	An Arc Fault Detection Method Based on Current Amplitude Spectrum and Sparse Representation. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3785-3792.	2.4	43
635	Low-Rank Projection Learning via Graph Embedding. Neurocomputing, 2019, 348, 97-106.	3.5	7
636	Robust Distracter-Resistive Tracker via Learning a Multi-Component Discriminative Dictionary. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2012-2028.	5.6	2

#	Article	IF	CITATIONS
637	Unified No-Reference Quality Assessment of Singly and Multiply Distorted Stereoscopic Images. IEEE Transactions on Image Processing, 2019, 28, 1866-1881.	6.0	127
638	Adaptive online dictionary learning for bearing fault diagnosis. International Journal of Advanced Manufacturing Technology, 2019, 101, 195-202.	1.5	14
639	A Novel Semicoupled Projective Dictionary Pair Learning Method for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2407-2418.	2.7	9
640	Weighted locality collaborative representation based on sparse subspace. Journal of Visual Communication and Image Representation, 2019, 58, 187-194.	1.7	28
641	Novel orthogonal based collaborative dictionary learning for efficient face recognition. Knowledge-Based Systems, 2019, 163, 533-545.	4.0	9
642	Simultaneous Detection of Multiple Appliances From Smart-Meter Measurements via Multi-Label Consistent Deep Dictionary Learning and Deep Transform Learning. IEEE Transactions on Smart Grid, 2019, 10, 2969-2978.	6.2	78
643	Learning robust latent representation for discriminative regression. Pattern Recognition Letters, 2019, 117, 193-200.	2.6	7
644	Exploiting label consistency in structured sparse representation for classification. Neural Computing and Applications, 2019, 31, 6509-6520.	3.2	4
645	Weighted constraint based dictionary learning for image classification. Pattern Recognition Letters, 2020, 130, 99-106.	2.6	17
646	Multiview Latent Space Learning With Feature Redundancy Minimization. IEEE Transactions on Cybernetics, 2020, 50, 1655-1668.	6.2	43
647	Double Relaxed Regression for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 307-319.	5.6	29
648	Unidirectional Representation-Based Efficient Dictionary Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 59-74.	5.6	5
649	Joint Label Prediction Based Semi-Supervised Adaptive Concept Factorization for Robust Data Representation. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 952-970.	4.0	67
650	Trace Quotient with Sparsity Priors for Learning Low Dimensional Image Representations. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 3119-3135.	9.7	11
651	Discriminative Fisher Embedding Dictionary Learning Algorithm for Object Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 786-800.	7.2	80
652	Optimal Discriminative Projection for Sparse Representation-Based Classification via Bilevel Optimization. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1065-1077.	5.6	17
653	Competitive and collaborative representation for classification. Pattern Recognition Letters, 2020, 132, 46-55.	2.6	19
654	An effective few-shot learning approach via location-dependent partial differential equation. Knowledge and Information Systems, 2020, 62, 1881-1901.	2.1	4

#	Article	IF	CITATIONS
655	Discriminative Face Recognition Methods with Structure and Label Information via \$\$1_2\$\$-Norm Regularization. Neural Processing Letters, 2020, 51, 639-655.	2.0	4
656	Similarity learning with joint transfer constraints for person re-identification. Pattern Recognition, 2020, 97, 107014.	5.1	50
657	A novel approach inspired by optic nerve characteristics for few-shot occluded face recognition. Neurocomputing, 2020, 376, 25-41.	3.5	28
658	Transient Feature Extraction by the Improved Orthogonal Matching Pursuit and K-SVD Algorithm With Adaptive Transient Dictionary. IEEE Transactions on Industrial Informatics, 2020, 16, 215-227.	7.2	83
659	Multi-view local linear KNN classification: theoretical and experimental studies on image classification. International Journal of Machine Learning and Cybernetics, 2020, 11, 525-543.	2.3	10
660	Joint Subspace Recovery and Enhanced Locality Driven Robust Flexible Discriminative Dictionary Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2430-2446.	5.6	25
661	Low-rank graph preserving discriminative dictionary learning for image recognition. Knowledge-Based Systems, 2020, 187, 104823.	4.0	23
662	Person re-identification with features-based clustering and deep features. Neural Computing and Applications, 2020, 32, 10519-10540.	3.2	12
663	Structured dictionary learning using mixed-norms and group-sparsity constraint. Visual Computer, 2020, 36, 1679-1692.	2.5	2
664	Learning a representation with the block-diagonal structure for pattern classification. Pattern Analysis and Applications, 2020, 23, 1381-1390.	3.1	3
665	Deep nonsmooth nonnegative matrix factorization network with semi-supervised learning for SAR image change detection. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 160, 167-179.	4.9	37
666	Weakly-Supervised Sparse Coding With Geometric Prior for Interactive Texture Segmentation. IEEE Signal Processing Letters, 2020, 27, 116-120.	2.1	4
667	ProLFA: Representative prototype selection for local feature aggregation. Neurocomputing, 2020, 381, 336-347.	3.5	2
668	Hyperspectral Image Classification via Sparse Representation With Incremental Dictionaries. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1598-1602.	1.4	11
669	Label embedded dictionary learning for image classification. Neurocomputing, 2020, 385, 122-131.	3.5	20
670	ELM embedded discriminative dictionary learning for image classification. Neural Networks, 2020, 123, 331-342.	3.3	19
671	Transfer discriminative dictionary learning with label consistency for classification of EEG signals of epilepsy. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	3.3	8
672	Jointly Learning the Discriminative Dictionary and Projection for Face Recognition. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	1

#	Article	IF	CITATIONS
673	Class-Specific Sparse Principal Component Analysis for Visual Classification. IEEE Access, 2020, 8, 110033-110047.	2.6	2
674	Jointly Learning Commonality and Specificity Dictionaries for Person Re-Identification. IEEE Transactions on Image Processing, 2020, 29, 7345-7358.	6.0	22
675	Dictionary Learning-Based fMRI Data Analysis for Capturing Common and Individual Neural Activation Maps. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 1265-1279.	7.3	8
676	A Hierarchical Discriminative Sparse Representation Classifier for EEG Signal Detection. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1679-1687.	1.9	27
678	Mathematical and Computational Oncology. Lecture Notes in Computer Science, 2020, , .	1.0	0
679	Self-centralized jointly sparse maximum margin criterion for robust dimensionality reduction. Knowledge-Based Systems, 2020, 206, 106343.	4.0	3
680	Automatic scoring of apnea and hypopnea events using blood oxygen saturation signals. Biomedical Signal Processing and Control, 2020, 62, 102062.	3.5	17
681	Convolutional Neural Network-Based Dictionary Learning for SAR Target Recognition. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1776-1780.	1.4	10
682	Privacy-Preserving Pattern Recognition Using Encrypted Sparse Representations in LO Norm Minimization. , 2020, , .		3
683	Two Pseudo-Common Vectors for Pattern Recognition. Arabian Journal for Science and Engineering, 2020, 45, 10621-10635.	1.7	1
684	Discriminant sub-dictionary learning with adaptive multiscale superpixel representation for hyperspectral image classification. Neurocomputing, 2020, 409, 131-145.	3.5	18
685	Hierarchical Discriminative Deep Dictionary Learning. IEEE Access, 2020, 8, 142680-142690.	2.6	7
686	Feature-Enhanced Speckle Reduction via Low-Rank and Space-Angle Continuity for Circular SAR Target Recognition. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7734-7752.	2.7	35
687	Blind quality assessment for multiply distorted stereoscopic images towards IoT-based 3D capture systems. Journal of Visual Communication and Image Representation, 2020, 71, 102868.	1.7	1
688	Multimodel Feature Reinforcement Framework Using Moore–Penrose Inverse for Big Data Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5008-5021.	7.2	16
689	Regularization on Augmented Data to Diversify Sparse Representation for Robust Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 4935-4948.	6.2	19
690	Projective Double Reconstructions Based Dictionary Learning Algorithm for Cross-Domain Recognition. IEEE Transactions on Image Processing, 2020, 29, 9220-9233.	6.0	10
691	Face Recognition Algorithm Based on Correlation Coefficient and Ensemble-Augmented Sparsity. IEEE Access, 2020, 8, 183972-183982.	2.6	4

#	Article	IF	CITATIONS
692	Semi-Supervised Boosting Using Similarity Learning Based on Modular Sparse Representation With Marginal Representation Learning of Graph Structure Self-Adaptive. IEEE Access, 2020, 8, 185477-185488.	2.6	1
693	Neural Network based Explicit Mixture Models and Expectation-maximization based Learning. , 2020, , .		3
694	A Collaborative Dictionary Learning Model for Nasopharyngeal Carcinoma Segmentation on Multimodalities MR Sequences. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-15.	0.7	4
696	Multi-pose facial expression recognition using rectangular HOG feature extractor and label-consistent KSVD classifier. International Journal of Biometrics, 2020, 12, 147.	0.3	2
697	Nonlinear Kernel Dictionary Learning Algorithm Based on Analysis Sparse Model. IEEE Access, 2020, 8, 212456-212466.	2.6	1
698	An Efficient and Effective Model Based on Mean Positive Examples for Social Image Annotation. IEEE Access, 2020, 8, 210695-210708.	2.6	3
699	Fault handling in large water networks with online dictionary learning. Journal of Process Control, 2020, 94, 46-57.	1.7	10
700	Classification Via Simplicial Learning. , 2020, , .		Ο
701	Globally learning gene regulatory networks based on hidden atomic regulators from transcriptomic big data. BMC Genomics, 2020, 21, 711.	1.2	1
702	T2-FDL: A robust sparse representation method using adaptive type-2 fuzzy dictionary learning for medical image classification. Expert Systems With Applications, 2020, 158, 113500.	4.4	21
703	A Width-growth Model with Subnetwork Nodes and Refinement Structure for Representation Learning and Image Classification. IEEE Transactions on Industrial Informatics, 2020, , 1-1.	7.2	14
704	Discriminative-shared dictionary learning for class-specific fabric texture characterization. Textile Reseach Journal, 2020, 90, 2478-2491.	1.1	3
705	Semisupervised Dictionary Learning with Graph Regularized and Active Points. SIAM Journal on Imaging Sciences, 2020, 13, 724-745.	1.3	2
706	Air Quality Index Forecasting via Deep Dictionary Learning. IEICE Transactions on Information and Systems, 2020, E103.D, 1118-1125.	0.4	1
707	Emitter signals modulation recognition based on discriminative projection and collaborative representation. IET Radar, Sonar and Navigation, 2020, 14, 782-791.	0.9	4
708	Self-adaptive feature learning based on a priori knowledge for facial expression recognition. Knowledge-Based Systems, 2020, 204, 106124.	4.0	18
709	Transfer Dictionary Learning Method for Cross-Domain Multimode Process Monitoring and Fault Isolation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8713-8724.	2.4	34
710	Multiplication fusion of sparse and collaborative-competitive representation for image classification. International Journal of Machine Learning and Cybernetics, 2020, 11, 2357-2369.	2.3	12

#	Article	IF	CITATIONS
711	Block-wise weighted sparse representation-based classification. Signal, Image and Video Processing, 2020, 14, 1647-1654.	1.7	2
712	Learning Hybrid Representation by Robust Dictionary Learning in Factorized Compressed Space. IEEE Transactions on Image Processing, 2020, 29, 3941-3956.	6.0	31
713	Learning double weights via data augmentation for robust sparse and collaborative representation-based classification. Multimedia Tools and Applications, 2020, 79, 20617-20638.	2.6	7
714	Structure Dictionary Learning-Based Multimode Process Monitoring and its Application to Aluminum Electrolysis Process. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1989-2003.	3.4	54
715	Partial Occlusion Handling using Quadrant-wise Sparsity for Face Image Recognition. , 2020, , .		0
716	Compound dictionary learning based classification method with a novel virtual sample generation Technology for Face Recognition. Multimedia Tools and Applications, 2020, 79, 23325-23346.	2.6	4
717	Evolutionary simplicial learning as a generative and compact sparse framework for classification. Signal Processing, 2020, 174, 107634.	2.1	1
718	Analyses of the coupling model combining field and circuit equations based on solenoidal coils for wireless power transfer. IET Power Electronics, 2020, 13, 873-880.	1.5	2
719	Multiscale Supervised Kernel Dictionary Learning for SAR Target Recognition. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6281-6297.	2.7	14
720	A High Gain Multiport DC–DC Converter for Integrating Energy Storage Devices to DC Microgrid. IEEE Transactions on Power Electronics, 2020, 35, 10501-10514.	5.4	53
721	Genetic Algorithm Optimized Structured Dictionary for Discriminative Block Sparse Representation. IEEE Access, 2020, 8, 19058-19073.	2.6	4
722	Fusion of Magnetic Resonance and Ultrasound Images for Endometriosis Detection. IEEE Transactions on Image Processing, 2020, 29, 5324-5335.	6.0	7
723	Multilevel Second-Order Physical Optics Method for Calculating the High-Frequency Scattered Fields. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 651-655.	2.4	1
724	Examination of the Performance Characteristics of Velostat as an In-Socket Pressure Sensor. IEEE Sensors Journal, 2020, 20, 6992-7000.	2.4	45
725	DQN-Based Adaptive Modulation Scheme Over Wireless Communication Channels. IEEE Communications Letters, 2020, 24, 1289-1293.	2.5	23
726	Model Compression and Hardware Acceleration for Neural Networks: A Comprehensive Survey. Proceedings of the IEEE, 2020, 108, 485-532.	16.4	441
727	ERP Data Analysis and Visualization in High-Performance Computing Environment. , 2020, , .		2
728	Selfâ€adaptive weighted synthesised local directional pattern integrating with sparse autoencoder for expression recognition based on improved multiple kernel learning strategy. IET Computer Vision, 2020, 14, 73-83.	1.3	7

	Сітаті	CITATION REPORT	
#	Article	IF	CITATIONS
729	Radar Signal Modulation Recognition Based on Deep Joint Learning. IEEE Access, 2020, 8, 48515-48528.	2.6	25
730	PID Controller Autotuning Design by a Deterministic Q-SLP Algorithm. IEEE Access, 2020, 8, 50010-50021	. 2.6	12
731	Network Dissensus via Distributed ADMM. IEEE Transactions on Signal Processing, 2020, 68, 2287-2301.	3.2	4
732	Online Research on Reliability of Thermal-Vibration Coupling for PLC Optical Splitters. IEEE Transactions on Device and Materials Reliability, 2020, 20, 351-357.	1.5	4
733	Method to Predict Bursty Hot Events on Twitter Based on User Relationship Network. IEEE Access, 2020, 8, 44031-44040.	2.6	3
734	Exploring Contributing Factors of Hazardous Events in Construction Zones Using Naturalistic Driving Study Data. IEEE Transactions on Intelligent Vehicles, 2020, 5, 519-527.	9.4	5
736	Double Graph Regularized Double Dictionary Learning for Image Classification. IEEE Transactions on Image Processing, 2020, 29, 7707-7721.	6.0	14
737	Class specific or shared? A cascaded dictionary learning framework for image classification. Signal Processing, 2020, 176, 107697.	2.1	9
738	3D Skeletal Gesture Recognition via Discriminative Coding on Time-Warping Invariant Riemannian Trajectories. IEEE Transactions on Multimedia, 2021, 23, 1841-1854.	5.2	14
739	Discriminative dictionary learning algorithm based on sample diversity and locality of atoms for face recognition. Journal of Visual Communication and Image Representation, 2020, 71, 102763.	1.7	12
740	Sparsity adaptive matching pursuit for face recognition. Journal of Visual Communication and Image Representation, 2020, 67, 102764.	1.7	7
741	A hybrid codebook model for object categorization using two-way clustering based codebook generation method. International Journal of Computers and Applications, 2020, , 1-9.	0.8	1
742	An Efficient, Scalable, and Robust Neuro-Processor-Based Concept for Solving Single-Cycle Traveling Salesman Problems in Complex and Dynamically Reconfigurable Graph Networks. IEEE Access, 2020, 8, 42297-42324.	2.6	2
743	Lightweight Privacy-Preserving Raw Data Publishing Scheme. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 2170-2174.	3.2	24
744	Low-rank discriminative least squares regression for image classification. Signal Processing, 2020, 173, 107485.	2.1	33
745	Research on Forming Efficiency in Double-Sheet Electromagnetic Forming Process. IEEE Access, 2020, 8, 19248-19255.	2.6	17
746	Improved image representation and sparse representation for image classification. Applied Intelligence, 2020, 50, 1687-1698.	3.3	12
747	Discriminative dictionary learning based sparse representation classification for intelligent fault identification of planet bearings in wind turbine. Renewable Energy, 2020, 152, 754-769.	4.3	41

#	Article	IF	CITATIONS
748	Multi-View Features Joint Learning with Label and Local Distribution Consistency for Point Cloud Classification. Remote Sensing, 2020, 12, 135.	1.8	4
749	Sequence-Based Environment for Topology Optimization. IEEE Transactions on Magnetics, 2020, 56, 1-4.	1.2	6
750	Analysis of Circularly Polarized CTS Arrays. IEEE Transactions on Antennas and Propagation, 2020, 68, 4571-4582.	3.1	15
751	Influence of vulcanization factors on UV-A resistance of silicone rubber for outdoor insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 296-304.	1.8	13
752	A group lasso based sparse KNN classifier. Pattern Recognition Letters, 2020, 131, 227-233.	2.6	10
753	Conformal prediction based active learning by linear regression optimization. Neurocomputing, 2020, 388, 157-169.	3.5	4
754	Noise learning based discriminative dictionary learning algorithm for image classification. Journal of the Franklin Institute, 2020, 357, 2492-2513.	1.9	5
755	Discriminative Local Sparse Representation by Robust Adaptive Dictionary Pair Learning. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4303-4317.	7.2	46
756	Adversarial dictionary learning for a robust analysis and modelling of spontaneous neuronal activity. Neurocomputing, 2020, 388, 188-201.	3.5	4
757	Advanced Analytics and Learning on Temporal Data. Lecture Notes in Computer Science, 2020, , .	1.0	0
758	Dual sparse learning via data augmentation for robust facial image classification. International Journal of Machine Learning and Cybernetics, 2020, 11, 1717-1734.	2.3	8
759	Cost-sensitive joint feature and dictionary learning for face recognition. Neurocomputing, 2020, 391, 177-188.	3.5	16
760	Magnetic Field Optimization of an In-Vacuum Undulator at NSLS-II Transactions on Applied Superconductivity. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.1	0
761	Classification-Friendly Sparse Encoder and Classifier Learning. IEEE Access, 2020, 8, 54494-54505.	2.6	0
762	Learning Category-Specific Sharable and Exemplary Visual Elements for Image Classification. IEEE Access, 2020, 8, 57214-57228.	2.6	1
763	Calculation of the Electric Field Voltage Effective Values on the Cell Elements under Pulse Action. , 2020, , .		0
764	A New Local Knowledge-Based Collaborative Representation for Image Recognition. IEEE Access, 2020, 8, 81069-81079.	2.6	7
765	Unsupervised visual domain adaptation via discriminative dictionary evolution. Pattern Analysis and Applications, 2020, 23, 1665-1675.	3.1	1

#	Article	IF	CITATIONS
766	Small Sample Set Inshore Ship Detection From VHR Optical Remote Sensing Images Based on Structured Sparse Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2145-2160.	2.3	16
767	Histopathological image classification through discriminative feature learning and mutual information-based multi-channel joint sparse representation. Journal of Visual Communication and Image Representation, 2020, 70, 102799.	1.7	9
769	Faster privacyâ€preserving location proximity schemes for circles and polygons. IET Information Security, 2020, 14, 254-265.	1.1	4
770	Multi-Label Consistent Convolutional Transform Learning: Application to Non-Intrusive Load Monitoring. , 2020, , .		4
771	Improved Model Predictive Current Control for SPMSM Drives Using Current Update Mechanism. IEEE Transactions on Industrial Electronics, 2021, 68, 1938-1948.	5.2	31
772	When Dictionary Learning Meets Deep Learning: Deep Dictionary Learning and Coding Network for Image Recognition With Limited Data. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2129-2141.	7.2	50
773	Twin-Incoherent Self-Expressive Locality-Adaptive Latent Dictionary Pair Learning for Classification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 947-961.	7.2	30
774	Transformed Subspace Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1796-1801.	4.0	8
775	Region-Merging Method With Texture Pattern Attention for SAR Image Segmentation. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 112-116.	1.4	10
776	A novel feature learning framework for high-dimensional data classification. International Journal of Machine Learning and Cybernetics, 2021, 12, 555-569.	2.3	7
777	Multi-resolution dictionary learning method based on sample expansion and its application in face recognition. Signal, Image and Video Processing, 2021, 15, 307-313.	1.7	6
778	Geometry-Aware Deep Recurrent Neural Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2448-2460.	2.7	35
779	SVMs multi-class loss feedback based discriminative dictionary learning for image classification. Pattern Recognition, 2021, 112, 107690.	5.1	16
780	Entropy based dictionary learning for image classification. Pattern Recognition, 2021, 110, 107634.	5.1	21
781	Semisupervised Learning-Based SAR ATR via Self-Consistent Augmentation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4862-4873.	2.7	53
782	Learning Local Gabor Pattern-Based Discriminative Dictionary of Froth Images for Flotation Process Working Condition Monitoring. IEEE Transactions on Industrial Informatics, 2021, 17, 4437-4448.	7.2	17
783	Automatic vertebrae recognition from arbitrary spine MRI images by a category-Consistent self-calibration detection framework. Medical Image Analysis, 2021, 67, 101826.	7.0	16
784	A multi-class structured dictionary learning method using discriminant atom selection. Pattern Analysis and Applications, 2021, 24, 685-700.	3.1	1

#	Article	IF	CITATIONS
785	Sparse Representation Classification With Structured Dictionary Design Strategy for Rotating Machinery Fault Diagnosis. IEEE Access, 2021, 9, 10012-10024.	2.6	10
786	Robust sparse coding via self-paced learning for data representation. Information Sciences, 2021, 546, 448-468.	4.0	5
787	A novel dimension reduction and dictionary learning framework for high-dimensional data classification. Pattern Recognition, 2021, 112, 107793.	5.1	21
788	Dual subspace discriminative projection learning. Pattern Recognition, 2021, 111, 107581.	5.1	18
789	Sparse Common Feature Representation for Undersampled Face Recognition. IEEE Internet of Things Journal, 2021, 8, 5607-5618.	5.5	16
790	Hardness-Aware Dictionary Learning: Boosting Dictionary for Recognition. IEEE Transactions on Multimedia, 2021, 23, 2857-2867.	5.2	5
791	Flexible Auto-Weighted Local-Coordinate Concept Factorization: A Robust Framework for Unsupervised Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1523-1539.	4.0	24
792	A Survey of Dictionary Learning in Medical Image Analysis and Its Application for Glaucoma Diagnosis. Archives of Computational Methods in Engineering, 2021, 28, 463-471.	6.0	4
793	Prestack seismic facies analysis via waveform sparse representations. Geophysics, 2021, 86, IM35-IM50.	1.4	1
794	Data-driven feature learning for myocardial registration and segmentation. , 2021, , 185-225.		1
795	A Hybrid Structural Sparsification Error Model for Image Restoration. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4451-4465.	7.2	21
796	Multi-Block Mixed Sample Semi-Supervised Learning for SAR Target Recognition. Remote Sensing, 2021, 13, 361.	1.8	5
797	Nonconvex Structural Sparsity Residual Constraint for Image Restoration. IEEE Transactions on Cybernetics, 2022, 52, 12440-12453.	6.2	12
798	Discriminative Fisher Embedding Dictionary Transfer Learning for Object Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 64-78.	7.2	5
799	Locality-Adaptive Structured Dictionary Learning for Cross-Domain Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2425-2440.	5.6	1
800	Hierarchical Lifelong Machine Learning With "Watchdog― IEEE Transactions on Big Data, 2023, 9, 63-74.	4.4	0
801	Discriminative dictionary learning algorithm with pairwise local constraints for histopathological image classification. Medical and Biological Engineering and Computing, 2021, 59, 153-164.	1.6	2
802	Learning Alternating Deep-Layer Cascaded Representation. IEEE Signal Processing Letters, 2021, 28, 1520-1524.	2.1	3

#	Article	IF	CITATIONS
803	Unsupervised Feature Learning for Event Data: Direct vs Inverse Problem Formulation. , 2021, , .		1
804	Nonlinear Projective Dictionary Pair Learning for PolSAR Image Classification. IEEE Access, 2021, 9, 70650-70661.	2.6	4
805	Subgraph feature extraction based on multi-view dictionary learning for graph classification. Knowledge-Based Systems, 2021, 214, 106716.	4.0	3
806	Fast Approximation for Sparse Coding with Applications to Object Recognition. Sensors, 2021, 21, 1442.	2.1	5
807	Kernelized Linear Autoencoder. Neural Processing Letters, 2021, 53, 1597-1614.	2.0	3
808	Automatic Target Recognition on Synthetic Aperture Radar Imagery: A Survey. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 56-81.	2.3	64
809	Image classification with superpixels and feature fusion method. Journal of Electronic Science and Technology, 2021, 19, 100096.	2.0	24
810	Sparse representation for face recognition: A review paper. IET Image Processing, 2021, 15, 1825-1844.	1.4	8
811	A new twin SVM method with dictionary learning. Applied Intelligence, 2021, 51, 7245-7261.	3.3	1
812	Structured discriminant analysis dictionary learning for pattern classification. Knowledge-Based Systems, 2021, 216, 106794.	4.0	13
813	Discriminative Dictionary Learning-Based Sparse Classification Framework for Data-Driven Machinery Fault Diagnosis. IEEE Sensors Journal, 2021, 21, 8117-8129.	2.4	33
814	Technology Hotspot Tracking: Topic Discovery and Evolution of China's Blockchain Patents Based on a Dynamic LDA Model. Symmetry, 2021, 13, 415.	1.1	10
815	Structured analysis dictionary learning based on discriminative Fisher pair. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 5647-5664.	3.3	4
816	Low-Velocity Impact Localization on a Honeycomb Sandwich Panel Using a Balanced Projective Dictionary Pair Learning Classifier. Sensors, 2021, 21, 2602.	2.1	3
817	Load-Identification Method for Flexible Multiple Corrugated Skin Using Spectra Features of FBGs. Aerospace, 2021, 8, 134.	1.1	2
818	Discriminative least squares regression for multiclass classification based on within-class scatter minimization. Applied Intelligence, 2022, 52, 622-635.	3.3	5
819	Collaborative coding and dictionary learning for nearest subspace classification. Soft Computing, 2021, 25, 7627-7643.	2.1	6
820	Low-dimensional multi-scale Fisher discriminant dictionary learning for intelligent gear-fault diagnosis. Measurement Science and Technology, 2021, 32, 084001.	1.4	2

#	Article	IF	CITATIONS
821	A Transfer Model Based on Supervised Multi-Layer Dictionary Learning for Brain Tumor MRI Image Recognition. Frontiers in Neuroscience, 2021, 15, 687496.	1.4	6
822	Combined Improved Dirichlet Models and Deep Learning Models for Road Extraction from Remote Sensing Images. Canadian Journal of Remote Sensing, 2021, 47, 465-484.	1.1	4
823	Brain Tumor MR Image Classification Using Convolutional Dictionary Learning With Local Constraint. Frontiers in Neuroscience, 2021, 15, 679847.	1.4	39
824	A Survey on Concept Factorization: From Shallow to Deep Representation Learning. Information Processing and Management, 2021, 58, 102534.	5.4	24
825	Classification with Incoherent Kernel Dictionary Learning. , 2021, , .		0
826	Fast and Robust Dictionary-based Classification for Image Data. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-22.	2.5	5
827	Auto-encoder based structured dictionary learning for visual classification. Neurocomputing, 2021, 438, 34-43.	3.5	6
828	Generalization-error-bound-based discriminative dictionary learning. Visual Computer, 2022, 38, 2853-2869.	2.5	1
829	Structured sparsity assisted online convolution sparse coding and its application on weak signature detection. Chinese Journal of Aeronautics, 2022, 35, 266-276.	2.8	6
830	Structured discriminative tensor dictionary learning for unsupervised domain adaptation. Neurocomputing, 2021, 442, 281-295.	3.5	1
831	Feature Reuse for a Randomization Based Neural Network. , 2021, , .		0
832	Optimized Projection and Fisher Discriminative Dictionary Learning for EEG Emotion Recognition. Frontiers in Psychology, 2021, 12, 705528.	1.1	9
833	Sparse non-negative transition subspace learning for image classification. Signal Processing, 2021, 183, 107988.	2.1	10
834	Weighed â""1 on the Simplex: Compressive Sensing Meets Locality. , 2021, , .		0
835	A Domain Adaptation Sparse Representation Classifier for Cross-Domain Electroencephalogram-Based Emotion Classification. Frontiers in Psychology, 2021, 12, 721266.	1.1	5
836	Asynchronous Decentralized Learning of Randomization-Based Neural Networks. , 2021, , .		1
837	Dictionary learning and face recognition based on sample expansion. Applied Intelligence, 2022, 52, 3766-3780.	3.3	11
838	SSDL: Self-Supervised Dictionary Learning. , 2021, , .		1

#	Article	IF	CITATIONS
839	Data-driven dictionary design–based sparse classification method for intelligent fault diagnosis of planet bearings. Structural Health Monitoring, 2022, 21, 1313-1328.	4.3	15
840	Locality Preserving and Label-Aware Constraint-Based Hybrid Dictionary Learning for Image Classification. Applied Sciences (Switzerland), 2021, 11, 7701.	1.3	1
841	Covid-19 Chest CT Scan Image Classification Using LCKSVD and Frozen Sparse Coding. Lecture Notes in Electrical Engineering, 2022, , 272-281.	0.3	0
842	A Robust Transfer Dictionary Learning Algorithm for Industrial Process Monitoring. Engineering, 2021, 7, 1262-1273.	3.2	12
843	Multi-resolution dictionary collaborative representation for face recognition. Pattern Analysis and Applications, 2021, 24, 1793-1803.	3.1	2
844	An enhanced sparse representation-based intelligent recognition method for planet bearing fault diagnosis in wind turbines. Renewable Energy, 2021, 173, 987-1004.	4.3	43
845	Atom specific multiple kernel dictionary based Sparse Representation Classifier for medium scale image classification. Journal of Visual Communication and Image Representation, 2021, 79, 103228.	1.7	2
846	No-reference stereo image quality assessment based on discriminative sparse representation. Multimedia Tools and Applications, 2021, 80, 33033-33053.	2.6	0
847	Multi-task analysis discriminative dictionary learning for one-class learning. Knowledge-Based Systems, 2021, 227, 107195.	4.0	4
848	CSI Amplitude Fingerprinting for Indoor Localization with Dictionary Learning. Entropy, 2021, 23, 1164.	1.1	2
849	Radioisotope identification using sparse representation with dictionary learning approach for an environmental radiation monitoring system. Nuclear Engineering and Technology, 2022, 54, 1037-1048.	1.1	4
850	Streamer action recognition in live video with spatial-temporal attention and deep dictionary learning. Neurocomputing, 2021, 453, 383-392.	3.5	14
851	Distributed process monitoring based on joint mutual information and projective dictionary pair learning. Journal of Process Control, 2021, 106, 130-141.	1.7	13
852	Discriminative group-sparsity constrained broad learning system for visual recognition. Information Sciences, 2021, 576, 800-818.	4.0	23
853	Domain-aware meta network for radar HRRP target recognition with missing aspects. Signal Processing, 2021, 187, 108167.	2.1	7
854	Online deep transferable dictionary learning. Pattern Recognition, 2021, 118, 108007.	5.1	5
855	Efficient and robust discriminant dictionary pair learning for pattern classification. , 2021, 118, 103227.		8
856	Joint discriminative and shared dictionary learning with dictionary extension strategy for bearing fault classification. Measurement: Journal of the International Measurement Confederation, 2021, 186, 110017.	2.5	12

#	Article	IF	CITATIONS
857	Robust sparse low-rank embedding for image dimension reduction. Applied Soft Computing Journal, 2021, 113, 107907.	4.1	18
858	Semisupervised Feature Learning by Deep Entropy-Sparsity Subspace Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 774-788.	7.2	3
859	Sparse Individual Low-Rank Component Representation for Face Recognition in the IoT-Based System. IEEE Internet of Things Journal, 2021, 8, 17320-17332.	5.5	7
860	Scene-Oriented Aesthetic Image Assessment. Communications in Computer and Information Science, 2021, , 359-370.	0.4	0
861	Machine Fault Diagnosis of Fused Filament Fabrication Process with Physics-Constrained Dictionary Learning. Procedia Manufacturing, 2021, 53, 726-734.	1.9	5
862	Multimode Process Monitoring and Mode Identification Based on Multiple Dictionary Learning. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	2.4	9
863	Rotation Awareness Based Self-Supervised Learning for SAR Target Recognition With Limited Training Samples. IEEE Transactions on Image Processing, 2021, 30, 7266-7279.	6.0	35
864	Robust Non-Linear Matrix Factorization for Dictionary Learning, Denoising, and Clustering. IEEE Transactions on Signal Processing, 2021, 69, 1755-1770.	3.2	9
865	Jointly Class-specific and Shared Discriminative Dictionary Learning for Classifying Surface Defects of Steel Sheet. ISIJ International, 2021, 61, 2773-2784.	0.6	3
866	3D Skeletal Gesture Recognition via Sparse Coding of Time-Warping Invariant Riemannian Trajectories. Lecture Notes in Computer Science, 2019, , 678-690.	1.0	4
868	Image Retrieval and Ranking via Consistently Reconstructing Multi-attribute Queries. Lecture Notes in Computer Science, 2014, , 569-583.	1.0	4
869	Discriminative Super-Resolution Method for Low-Resolution Ear Recognition. Lecture Notes in Computer Science, 2014, , 442-450.	1.0	1
870	Dictionary Pair Learning with Block-Diagonal Structure for Image Classification. Lecture Notes in Computer Science, 2015, , 288-299.	1.0	3
871	Multimodal Dictionary Learning and Joint Sparse Representation for HEp-2 Cell Classification. Lecture Notes in Computer Science, 2015, , 308-315.	1.0	7
872	Image Classification Based on Discriminative Dictionary Pair Learning. Lecture Notes in Computer Science, 2015, , 176-185.	1.0	1
873	Multi-hypergraph Incidence Consistent Sparse Coding for Image Data Clustering. Lecture Notes in Computer Science, 2016, , 79-91.	1.0	3
874	Non-negative Kernel Sparse Coding for the Analysis of Motion Data. Lecture Notes in Computer Science, 2016, , 506-514.	1.0	4
876	A Unified Framework for Age Invariant Face Recognition and Age Estimation. Lecture Notes in Electrical Engineering, 2018, , 623-630.	0.3	3

#	Article	IF	CITATIONS
877	Sparse Softmax Vector Coding Based Deep Cascade Model. Communications in Computer and Information Science, 2017, , 603-614.	0.4	4
878	A robust two quadrant sparse classifier for partially occluded face image recognition. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1047-1057.	0.5	2
879	Low-rank Shared Dictionary Learning with Incoherence Constraint for Endoscopic Gastrointestinal Image Classification. , 2020, , .		1
880	Multi-resolution Collaborative Representation for Face Recognition. , 2020, , .		1
881	Land use and land cover classification for rural residential areas in China using soft-probability cascading of multifeatures. Journal of Applied Remote Sensing, 2017, 11, 1.	0.6	5
882	Discriminative collaborative representation for multimodal image classification. International Journal of Advanced Robotic Systems, 2017, 14, 172988141771421.	1.3	1
883	Blood vessel segmentation of fundus images via cross-modality dictionary learning. Applied Optics, 2018, 57, 7287.	0.9	5
884	Learning Low-Rank Class-Specific Dictionary and Sparse Intra-Class Variant Dictionary for Face Recognition. PLoS ONE, 2015, 10, e0142403.	1.1	3
885	COMPARATIVE STUDY OF MACHINE LEARNING TECHNIQUES FOR SUPERVISED CLASSIFICATION OF BIOMEDICAL DATA. Acta Electrotechnica Et Informatica, 2014, 14, 5-10.	0.3	18
886	Discriminative Dictionary Learning With Ranking Metric Embedded for Person Re-Identification. , 2017, , \cdot		17
887	Human Action Recognition Based on Supervised Class-specific Dictionary Learning with Deep Convolutional Neural Network Features. Computers, Materials and Continua, 2020, 62, 243-262.	1.5	10
888	Medical Image Segmentation of Improved Genetic Algorithm Research Based on Dictionary Learning. World Journal of Engineering and Technology, 2017, 05, 90-96.	0.3	10
889	Spontaneous Facial Expression Recognition using Sparse Representation. , 2017, , .		5
890	Boosted Cross-Domain Categorization. , 2014, , .		4
891	Robust RF Mixture Signal Recognition Using Discriminative Dictionary Learning. IEEE Access, 2021, 9, 141107-141120.	2.6	4
892	Locality-Constrained Collaborative Representation with Multi-resolution Dictionary for Face Recognition. Lecture Notes in Computer Science, 2021, , 55-66.	1.0	1
893	Hierarchical Nonlinear Dictionary Learning with Convolutional Neural Networks: Application to Sar Target Recognition. , 2021, , .		1
894	Local Constraint and Label Embedding Multi-layer Dictionary Learning for Sperm Head Classification. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-16.	3.0	3

#	Article	IF	Citations
895	Cross-domain EEG signal classification via geometric preserving transfer discriminative dictionary learning. Multimedia Tools and Applications, 2022, 81, 41733-41750.	2.6	3
896	Structured Dictionaries for Ischemia Estimation in Cardiac BOLD MRI at Rest. Lecture Notes in Computer Science, 2014, 17, 562-569.	1.0	2
897	Magnitude and Phase of Discriminative Orthogonal Radial Moments for Face Recognition. Advances in Computational Intelligence and Robotics Book Series, 2014, , 131-160.	0.4	0
898	Linear Regression Fisher Discrimination Dictionary Learning for Hyperspectral Image Classification. Lecture Notes in Computer Science, 2014, , 247-254.	1.0	0
900	Discriminative Orthonormal Dictionary Learning for Fast Low-Rank Representation. Lecture Notes in Computer Science, 2015, , 79-89.	1.0	2
901	View and Illumination Invariant Object Classification Based on 3D Color Histogram Using Convolutional Neural Networks. Lecture Notes in Computer Science, 2015, , 316-327.	1.0	6
903	Describing Images with Ontology-Aware Dictionary Learning. Lecture Notes in Computer Science, 2016, , 349-358.	1.0	0
904	Vehicle Logo Detection and Classification using Discriminative Pixel-patches Sparse Coding. , 2016, , .		0
905	Jointly Learning a Multi-class Discriminative Dictionary for Robust Visual Tracking. Lecture Notes in Computer Science, 2016, , 550-560.	1.0	0
906	Discriminative Sparse Coding by Nuclear Norm-Driven Semi-Supervised Dictionary Learning. Lecture Notes in Computer Science, 2016, , 306-317.	1.0	0
908	Sample Diversity, Discriminative and Comprehensive Dictionary Learning for Face Recognition. Lecture Notes in Computer Science, 2016, , 102-111.	1.0	0
909	Novel Sparse Kernel Manifold Learner for Image Classification Applications. Intelligent Systems Reference Library, 2017, , 91-114.	1.0	1
911	Learning Zeroth Class Dictionary for Human Action Recognition. Communications in Computer and Information Science, 2017, , 651-666.	0.4	0
912	Robust object tracking based on local discriminative sparse representation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 533.	0.8	2
913	Door Knob Hand Recognition System. , 2018, , 259-284.		0
914	Class-specific adaptive sparse representation via reweighted â"" 1 norm minimization for image classification. Journal of Electronic Imaging, 2017, 26, 043014.	0.5	0
915	Image classification by semisupervised sparse coding with confident unlabeled samples. Journal of Electronic Imaging, 2017, 26, 1.	0.5	1
916	Discriminative Sparse Representations. , 2018, , 129-156.		0

#	Article	IF	Citations
918	Discriminative Visual Tracking Using Multi-feature and Adaptive Dictionary Learning. Lecture Notes in Computer Science, 2018, , 221-232.	1.0	0
919	Discriminative Dictionary Learning with Local Constraints for Face Recognition with Occlusion. Lecture Notes in Computer Science, 2018, , 733-744.	1.0	1
920	Scene recognition based on integrating active learning with dictionary learning. , 2018, , .		0
921	Data clustering based on label consistent constraint matrix factorization. , 2018, , .		Ο
922	A NEW INDEXATION STRATEGY FOR THE RECOGNITION OF ROCKS BASED ON THE SPARSE REPRESENTATION OF THE SIGNALS COMBINED WITH THE TEXTURE SPECTRUM OF WANG. Advances and Applications in Discrete Mathematics, 2018, 19, 243-272.	0.0	0
923	Incoherent Discriminative Dictionary Learning for Speech Enhancement. Journal of Telecommunications and Information Technology, 2018, 3, 42-54.	0.3	0
925	Extreme Latent Representation Learning for Visual Classification. Proceedings in Adaptation, Learning and Optimization, 2020, , 65-75.	1.5	0
926	Improved Efficient Dictionary Learning with Cross-Label and Group Regularization. Lecture Notes in Electrical Engineering, 2020, , 50-58.	0.3	0
927	Discriminative Structured Dictionary Learning for Face Recognition. Lecture Notes in Electrical Engineering, 2020, , 136-144.	0.3	0
928	Computational ghost imaging via adaptive deep dictionary learning. Applied Optics, 2019, 58, 8471.	0.9	7
929	Supervised kernel discriminant local tangent space alignment for high-resolution range profile-based radar target recognition. Journal of Applied Remote Sensing, 2019, 13, 1.	0.6	0
930	Privacy-preserving Pattern Recognition with Image Compression. , 2020, , .		1
931	Sparse representation of Brillouin spectrum using dictionary learning. Optics Express, 2020, 28, 18160.	1.7	4
932	Auto-Encoder based Structured Dictinoary Learning. , 2020, , .		0
933	DISCRIMINATIVE DICTIONARY PAIR LEARNING FOR IMAGE CLASSIFICATION. Journal of Computer Science and Cybernetics, 2020, 36, 347-363.	0.1	1
934	Structured Dictionary Learning with Block Diagonal Regularization for Image Classification. , 2020, , .		0
935	Low-Rank Orthonormal Analysis Dictionary Learning for Image Classification. Lecture Notes in Computer Science, 2021, , 391-402.	1.0	0
936	Low-rank and sparse representation based learning for cancer survivability prediction. Information Sciences, 2022, 582, 573-592.	4.0	8

#	Article	IF	CITATIONS
937	Low-rank inter-class sparsity based semi-flexible target least squares regression for feature representation. Pattern Recognition, 2022, 123, 108346.	5.1	16
938	Adaptive Recognition of Motion Decomposition Image Based on Adaptive Principal Component Extraction Algorithm. IEEE Access, 2020, 8, 224108-224122.	2.6	0
939	Transform Learning Based Function Approximation for Regression and Forecasting. Lecture Notes in Computer Science, 2020, , 14-25.	1.0	2
940	Sparsity augmented weighted collaborative representation for image classification. Journal of Electronic Imaging, 2019, 28, 1.	0.5	3
941	Discriminative Localized Sparse Representations for Breast Cancer Screening. Lecture Notes in Computer Science, 2020, , 32-43.	1.0	0
942	A Novel Discriminative Dictionary Pair Learning Constrained by Ordinal Locality for Mixed Frequency Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4572-4585.	4.0	7
943	Learning a minimum similarity projection and lowest correlation representation for image classification. IET Image Processing, 2020, 14, 782-788.	1.4	0
944	Deep Convolutional Dictionary Learning for Image Denoising. , 2021, , .		51
945	Discriminative Dictionary Learning for Autism Spectrum Disorder Identification. Frontiers in Computational Neuroscience, 2021, 15, 662401.	1.2	1
946	Nested Sparse Classification Method for Hierarchical Information Extraction. Advances in Intelligent Systems and Computing, 2021, , 533-542.	0.5	0
947	Annular Spatial Pyramid Mapping and Feature Fusion-Based Image Coding Representation and Classification. Wireless Communications and Mobile Computing, 2020, 2020, 1-9.	0.8	1
948	MDPL-net: Multi-layer Dictionary Learning Network with Added Skip Dense Connections. , 2020, , .		4
949	Orbital Angular Momentum Mode Recognition based on Sparse Coding. , 2021, , .		0
950	Distributed Dictionary Learning Over Heterogeneous Clients Using Local Adaptive Dictionaries. , 2021, , \cdot		Ο
951	Noise Robustness Low-Rank Learning Algorithm for Electroencephalogram Signal Classification. Frontiers in Neuroscience, 2021, 15, 797378.	1.4	10
952	Active Sonar Target Classification Method Based on Fisher's Dictionary Learning. Applied Sciences (Switzerland), 2021, 11, 10635.	1.3	3
953	Decentralized learning of randomization-based neural networks with centralized equivalence. Applied Soft Computing Journal, 2022, 115, 108030.	4.1	7
954	GPENs: Graph Data Learning With Graph Propagation-Embedding Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-14.	7.2	1

#	Article	IF	CITATIONS
955	Industrial Process Modeling and Monitoring Based on Jointly Specific and Shared Dictionary Learning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	2.4	7
956	Subspace Clustering for Hyperspectral Images via Dictionary Learning With Adaptive Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	18
957	A Hybrid First Principles and Data-Driven Process Monitoring Method for Zinc Smelting Roasting Process. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	2.4	6
958	DLDL: Dynamic label dictionary learning via hypergraph regularization. Neurocomputing, 2022, 475, 80-88.	3.5	4
959	A Novel Locally Linear KNN Method With Applications to Visual Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2010-2021.	7.2	46
960	Fusion of Linear and Nonlinear Classifiers for Kernel Dictionary Learning: Application to Sar Target Recognition. , 2020, , .		0
961	Convolution Autoencoder-Based Sparse Representation Wavelet for Image Classification. , 2020, , .		3
962	Satellite Image Classification Using LC-KSVD Sparse Coding. , 2020, , .		3
963	Dictionary Learning of Binary Atoms by using a Smooth Approximation. , 2021, , .		0
964	Sparsity-assisted Supervised Classification Approach with Application to Data-driven Machine Diagnostics. , 2021, , .		0
965	Learning graph-constrained cascade regressors for single image super-resolution. Applied Intelligence, 0, , 1.	3.3	1
966	Structured classifier-based dictionary pair learning for pattern classification. Pattern Analysis and Applications, 2022, 25, 425-440.	3.1	1
967	An Improved KSVD Algorithm for Ground Target Recognition Using Carrier-Free UWB Radar. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	8
968	Hierarchical Dictionary Learning for Vehicle Classification Based on the Carrier-Free UWB Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	3
969	Automated Recognition of Imagined Commands From EEG Signals Using Multivariate Fast and Adaptive Empirical Mode Decomposition Based Method. , 2022, 6, 1-4.		10
970	Self-paced non-convex regularized analysis–synthesis dictionary learning for unsupervised feature selection. Knowledge-Based Systems, 2022, 241, 108279.	4.0	3
971	L2-Norm Shapelet Dictionary Learning-Based Bearing-Fault Diagnosis in Uncertain Working Conditions. IEEE Sensors Journal, 2022, 22, 2647-2657.	2.4	6
972	Fabric Defect Image Classification Method Based on LDA Category Constraint Dictionary Learning. Software Engineering and Applications, 2022, 11, 223-234.	0.0	Ο

ARTICLE IF CITATIONS # Convolutional Neural Networks Based Dictionary Pair Learning for Visual Tracking. IEICE Transactions on Fundamentals of Electronics, Cómmunications and Computer Sciences, 2022, E105.A, 973 0.2 1 1147-1156. Multi-Source Domain Transfer Discriminative Dictionary Learning Modeling for 974 Electroencephalogram-Based Emotion Recognition. IEEE Transactions on Computational Social 3.2 Systems, 2022, 9, 1604-1612. Virtual Kernel Discriminative Dictionary Learning With Weighted KNN for Video Analysis. 975 0 0.1 International Journal of Data Analytics, 2022, 3, 1-19. Classification of Improvised Explosive Devices Using Multilevel Projective Dictionary Learning With Low-Rank Prior. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16. Cloud-Edge Collaborative Method for Industrial Process Monitoring Based on Error-Triggered 977 7.2 27 Dictionary Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 8957-8966. Image Classification Based on Sparse Representation in the Quaternion Wavelet Domain. IEEE Access, 2022, 10, 31548-31560. 978 2.6 Multi-Frequent Band Collaborative EEG Emotion Classification Method Based on Optimal Projection 979 1.7 2 and Shared Dictionary Learning. Frontiers in Aging Neuroscience, 2022, 14, 848511. An improved confusion matrix for fusing multiple K-SVD classifiers. Knowledge and Information 980 2.1 Systems, 2022, 64, 703-722. Label consistent non-negative representation of ECG signals for automated recognition of cardiac 981 2 2.6 arrhythmias. Multimedia Tools and Applications, 2022, 81, 16047-16065. First-photon imaging with independent depth reconstruction. APL Photonics, 2022, 7, . Improved Multiple Vector Representations of Images and Robust Dictionary Learning. Electronics 983 1.8 0 (Switzerland), 2022, 11, 847. Online multitarget tracking system for autonomous vehicles using discriminative dictionary learning 984 2.5 with embedded autoâ€encoder algorithm. Software - Practice and Experience, 0, , . Image classification via convolutional sparse coding. Visual Computer, 2023, 39, 1731-1744. 985 2.5 3 Deep knowledge integration of heterogeneous features for domain adaptive SAR target recognition. Pattern Recognition, 2022, 126, 108590. 5.1 Multi-label Deep Convolutional Transform Learning for Non-intrusive Load Monitoring. ACM 987 2.51 Transactions on Knowledge Discovery From Data, 2022, 16, 1-6. Facial Expression Recognition Based on K-SVD Dictionary Learning and OMP Compression Perceptual Reconstruction., 2021, , . 989 Low-Rank Double Relaxed Regression for Discriminative Projection Learning., 2021, , . 0 Sparse Representation Classifier Embedding Subspace Mapping and Support Vector for Facial 990 Expression Recognition. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.

#	Article	IF	CITATIONS
991	Discriminative Localized Sparse Approximations for Mass Characterization in Mammograms. Frontiers in Oncology, 2021, 11, 725320.	1.3	3
992	Semi-supervised Discriminative Projective Dictionary Pair Learning and Its Application to Industrial Process. IEEE Transactions on Industrial Informatics, 2023, 19, 3119-3132.	7.2	11
993	Application of machine learning for defect detection in FRP-bonded systems with different defect sizes. , 2022, , .		0
994	Reasoning discriminative dictionary-embedded network for fully automatic vertebrae tumor diagnosis. Medical Image Analysis, 2022, 79, 102456.	7.0	6
995	Gaussian mixture model based phase prior learning for video motion estimation. Mechanical Systems and Signal Processing, 2022, 175, 109103.	4.4	8
999	A Bayesian Approach for Joint Discriminative Dictionary and Classifier Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7858-7870.	5.9	2
1000	Transfer Discriminative Dictionary Pair Learning Approach for Across-Subject EEG Emotion Classification. Frontiers in Psychology, 2022, 13, .	1.1	1
1001	Discriminative convolution sparse coding for robust image classification. Multimedia Tools and Applications, 2022, 81, 40849-40870.	2.6	0
1002	Multigraph Fusion for Dynamic Graph Convolutional Network. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 196-207.	7.2	25
1003	PIR-Sensor-Based Surveillance Tool for Intruder Detection in Secured Environment: A Label-Consistency-Based Modified Sequential Dictionary Learning Approach. IEEE Internet of Things Journal, 2022, 9, 20458-20466.	5.5	6
1004	Regularized label relaxation with negative technique for image classification. Multimedia Tools and Applications, 0, , .	2.6	0
1005	Medical image fusion by sparse-based modified fusion framework using block total least-square update dictionary learning algorithm. Journal of Medical Imaging, 2022, 9, .	0.8	2
1006	A major depressive disorder diagnosis approach based on EEG signals using dictionary learning and functional connectivity features. Physical and Engineering Sciences in Medicine, 2022, 45, 705-719.	1.3	6
1007	Large Margin and Local Structure Preservation Sparse Representation Classifier for Alzheimer's Magnetic Resonance Imaging Classification. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2
1008	Improved image representation and sparse representation for face recognition. Multimedia Tools and Applications, 2022, 81, 44247-44261.	2.6	4
1009	Transfer Adaptation Learning: A Decade Survey. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 23-44.	7.2	46
1010	Adaptive Multimode Process Monitoring Based on Mode-Matching and Similarity-Preserving Dictionary Learning. IEEE Transactions on Cybernetics, 2023, 53, 3974-3987.	6.2	18
1011	Regularized discriminative broad learning system for image classification. Knowledge-Based Systems, 2022, 251, 109306.	4.0	18

#	Article	IF	CITATIONS
1012	Adaptive graph regularized and label embedded dictionary learning for pattern classification. Journal of Electronic Imaging, 2022, 31, .	0.5	2
1013	Practical Research on the Assistance of Music Art Teaching Based on Virtual Reality Technology. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	0.8	1
1014	Enhanced dictionary learning based sparse classification approach with applications to planetary bearing fault diagnosis. Applied Acoustics, 2022, 196, 108870.	1.7	8
1015	Twin relaxed least squares regression with classwise mean constraint for image classification. Image and Vision Computing, 2022, 124, 104506.	2.7	1
1016	Locality-Aware Discriminative Subspace Learning for Image Classification. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	2.4	1
1017	An Improved Dictionary-Based Method for Gas Identification with Electronic Nose. Applied Sciences (Switzerland), 2022, 12, 6650.	1.3	0
1018	Application of improved virtual sample and sparse representation in face recognition. CAAI Transactions on Intelligence Technology, 2023, 8, 1391-1402.	3.4	5
1019	Sparsity assisted intelligent recognition method for vibration-based machinery health diagnostics. JVC/Journal of Vibration and Control, 2023, 29, 4230-4241.	1.5	6
1020	Towards fusing fuzzy discriminative projection and representation learning for image classification. Engineering Applications of Artificial Intelligence, 2022, 114, 105137.	4.3	3
1021	Discriminative Analysis Dictionary Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2016, 30, .	3.6	28
1022	Learning Heterogeneous Dictionary Pair with Feature Projection Matrix for Pedestrian Video Retrieval via Single Query Image. Proceedings of the AAAI Conference on Artificial Intelligence, 2017, 31, .	3.6	10
1023	Discriminative Semi-Supervised Dictionary Learning with Entropy Regularization for Pattern Classification. Proceedings of the AAAI Conference on Artificial Intelligence, 2017, 31, .	3.6	10
1024	A Sparse Dictionary Learning Framework to Discover Discriminative Source Activations in EEG Brain Mapping. Proceedings of the AAAI Conference on Artificial Intelligence, 2017, 31, .	3.6	8
1025	Labeled projective dictionary pair learning: application to handwritten numbers recognition. Information Sciences, 2022, 609, 489-506.	4.0	8
1026	Semi-Supervised Dictionary Learning via Structural Sparse Preserving. Proceedings of the AAAI Conference on Artificial Intelligence, 2016, 30, .	3.6	11
1027	Analysis-Synthesis Dictionary Learning for Universality-Particularity Representation Based Classification. Proceedings of the AAAI Conference on Artificial Intelligence, 2016, 30, .	3.6	10
1028	Active Lifelong Learning With "Watchdog". Proceedings of the AAAI Conference on Artificial Intelligence, 2018, 32, .	3.6	13
1029	Discriminant Projection Representation-Based Classification for Vision Recognition. Proceedings of the AAAI Conference on Artificial Intelligence, 2018, 32, .	3.6	0

#	Article	IF	CITATIONS
1030	Improving reconstruction-based coding methods for image classification: a visual dictionary refining method. Journal of Electronic Imaging, 2022, 31, .	0.5	1
1031	Discriminative Convolutional Sparse Coding of ECG Signals for Automated Recognition of Cardiac Arrhythmias. Mathematics, 2022, 10, 2874.	1.1	2
1032	Distributed Robust Dictionary Pair Learning and Its Application to Aluminum Electrolysis Industrial Process. Processes, 2022, 10, 1850.	1.3	3
1033	Deep transform and metric learning network: Wedding deep dictionary learning and neural network. Neurocomputing, 2022, 509, 244-256.	3.5	4
1034	A structure noise-aware tensor dictionary learning method for high-dimensional data clustering. Information Sciences, 2022, 612, 87-106.	4.0	6
1035	Support vector machine embedding discriminative dictionary pair learning for pattern classification. Neural Networks, 2022, 155, 498-511.	3.3	3
1036	Discriminative andÂRobust Analysis Dictionary Learning forÂPattern Classification. Lecture Notes in Computer Science, 2022, , 370-382.	1.0	0
1037	Deep Dictionary Pair Learning forÂSAR Image Classification. Lecture Notes in Computer Science, 2022, , 87-100.	1.0	0
1038	Adaptive Graph Embedded Preserving Projection Learning for Feature Extraction and Selection. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 1060-1073.	5.9	1
1039	Self-Balancing Dictionary Learning for Relaxed Collaborative Representation of Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	2.7	4
1040	Sparse Group Bases for Multisubject fMRI Data. IEEE Access, 2022, 10, 83379-83397.	2.6	2
1041	Supervised Contrastive Learning for Vehicle Classification Based on the IR-UWB Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	0
1042	Trustworthiness of Process Monitoring in IIoT Based on Self-Weighted Dictionary Learning. IEEE Transactions on Industrial Informatics, 2023, 19, 436-446.	7.2	4
1043	Class-Oriented Self-Learning Graph Embedding for Image Compact Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 74-87.	5.6	1
1044	Supervised Dictionary Learning for Block Threshold Feature in Compressive Spectrum Sensing. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1632-1646.	4.9	1
1045	Sparsity Based Framework for Discrimination between Confusion Pairs. , 2022, , .		0
1046	Multi-Structure Extraction Kernel Dictionary Learning for SAR Target Recognition. , 2022, , .		0
1047	Deep unfolding dictionary learning for seismic denoising. Geophysics, 2023, 88, WA129-WA147.	1.4	5

#	Article	IF	CITATIONS
1048	Privacy-Preserving Sparse Data Modeling in Encrypted Domain. leice Ess Fundamentals Review, 2022, 16, 100-114.	0.1	0
1049	Systemic distortion analysis with deep distortion directed image quality assessment models. Signal Processing: Image Communication, 2022, 109, 116870.	1.8	0
1050	Nonstationary Industrial Process Monitoring Based on Stationary Projective Dictionary Learning. IEEE Transactions on Control Systems Technology, 2023, 31, 1122-1132.	3.2	1
1051	Orthogonal autoencoder regression for image classification. Information Sciences, 2022, 618, 400-416.	4.0	7
1052	Semi-supervised Deep Convolutional Transform Learning for Hyperspectral Image Classification. , 2022, , .		1
1053	A No-Reference Quality Assessment Method for Screen Content Images Based on Human Visual Perception Characteristics. Electronics (Switzerland), 2022, 11, 3155.	1.8	1
1054	A new data fusion driven-sparse representation learning method for bearing intelligent diagnosis in small and unbalanced samples. Engineering Applications of Artificial Intelligence, 2023, 117, 105513.	4.3	13
1055	Similarity constraint style transfer mapping for emotion recognition. Biomedical Signal Processing and Control, 2023, 80, 104314.	3.5	2
1056	A novel multi-branch wavelet neural network for sparse representation based object classification. Pattern Recognition, 2022, , 109155.	5.1	0
1057	Adversarial Attack Using Sparse Representation of Feature Maps. IEEE Access, 2022, 10, 120724-120734.	2.6	1
1058	A unified deep semi-supervised graph learning scheme based on nodes re-weighting and manifold regularization. Neural Networks, 2023, 158, 188-196.	3.3	2
1059	Fault Diagnosis of Complex Industrial Systems Based on Multi-Granularity Dictionary Learning and Its Application. IEEE Transactions on Automation Science and Engineering, 2024, 21, 192-203.	3.4	1
1060	MADPL-net: Multi-layer attention dictionary pair learning network for image classification. Journal of Visual Communication and Image Representation, 2023, 90, 103728.	1.7	1
1061	A novel discriminative dictionary learning method for image classification. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2022, , .	0.2	0
1062	Discriminative Dictionary Pair Learning With Scale-Constrained Structured Representation for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10225-10239.	7.2	0
1063	Data-driven Leak Localization in Water Distribution Networks via Dictionary Learning and Graph-based Interpolation. , 2022, , .		3
1064	Condition monitoring of power transformer based on MCA and normalized feature frequency. , 2022, , .		0
1065	Feature Enhancement Kernel Dictionary Learning for Radar Target Recognition. , 2022, , .		0

#	Article	IF	CITATIONS
1066	Multi-pose face reconstruction and Gabor-based dictionary learning for face recognition. Applied Intelligence, 2023, 53, 16648-16662.	3.3	5
1067	Joint Augmented and Compressed Dictionaries for Robust Image Classification. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-24.	3.0	0
1068	Class-oriented and label embedding analysis dictionary learning for pattern classification. Multimedia Tools and Applications, 2023, 82, 24919-24942.	2.6	2
1069	Robust discriminant analysis with feature selective projection and between-classes structural incoherence. , 2023, 134, 103896.		1
1070	Cross-Domain Joint Dictionary Learning for ECG Inference From PPG. IEEE Internet of Things Journal, 2023, 10, 8140-8154.	5.5	0
1071	Discriminative dictionary learning based on statistical methods. , 2023, , 55-77.		0
1072	Face Recognition Based on Collaborative Sparse Representation with Dictionary Learning. , 2022, , .		0
1073	Discriminative sparse least square regression for semi-supervised learning. Information Sciences, 2023, 636, 118903.	4.0	5
1074	Robust dual-graph discriminative NMF for data classification. Knowledge-Based Systems, 2023, 268, 110465.	4.0	3
1075	Joint group dictionary-based structural sparse representation for image restoration. , 2023, 137, 104029.		4
1076	Breast mass characterization using sparse approximations of patch-sampled deep features. , 2023, , .		2
1077	Deep Video Action Recognition Models for Assessing Cardiac Function from Echocardiograms. , 2022, ,		0
1078	A comprehensive review on ensemble deep learning: Opportunities and challenges. Journal of King Saud University - Computer and Information Sciences, 2023, 35, 757-774.	2.7	76
1079	Self-Supervised Texture Image Anomaly Detection by Fusing Normalizing Flow and Dictionary Learning. International Journal of Pattern Recognition and Artificial Intelligence, 2023, 37, .	0.7	1
1080	Hierarchical Coupled Discriminative Dictionary Learning for Zero-Shot Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 4973-4984.	5.6	2
1081	Joint Dual-Structural Constrained and Non-negative Analysis Representation Learning for Pattern Classification. Applied Artificial Intelligence, 2023, 37, .	2.0	0
1082	Dictionary reduction in sparse representation-based classification of motor imagery EEG signals. Multimedia Tools and Applications, 0, , .	2.6	0
1083	Deep Dynamic Memory Augmented Attentional Dictionary Learning for Image Denoising. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 4784-4797.	5.6	0

#	Article	IF	CITATIONS
1084	Dictionary Learning Based Scheme for Adversarial Defense in Continuous-Variable Quantum Key Distribution. Entropy, 2023, 25, 499.	1.1	2
1085	Learning discriminative visual semantic embedding for zero-shot recognition. Signal Processing: Image Communication, 2023, 115, 116955.	1.8	0
1086	WCDL: A Weighted Cloud Dictionary Learning Method for Fusing Cloud-Contaminated Optical and SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 2931-2941.	2.3	2
1087	SAR Ship Target Recognition via Multiscale Feature Attention and Adaptive-Weighed Classifier. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	1.4	5
1088	Kernel Fisher Dictionary Transfer Learning. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-17.	2.5	0
1089	Multi-Learning Generalised Low-Rank Models. , 2022, , .		0
1090	Self-eliminating Discriminant Analysis Dictionary Learning for Pattern Classification. Neural Processing Letters, 0, , .	2.0	0
1091	Construction of CNN model based on hard-assigned coding of image features. , 2023, , .		0
1092	A bidirectional dictionary LASSO regression method for online water quality detection in wastewater treatment plants. Chemometrics and Intelligent Laboratory Systems, 2023, 237, 104817.	1.8	3
1093	Hierarchical Locality-Aware Deep Dictionary Learning for Classification. IEEE Transactions on Multimedia, 2024, 26, 447-461.	5.2	0
1094	Relaxed least square regression with â,,"2,1-norm for pattern classification. International Journal of Wavelets, Multiresolution and Information Processing, 2023, 21, .	0.9	4
1101	Dictionary Learning on Graph Data with Weisfieler-Lehman Sub-Tree Kernel and Ksvd. , 2023, , .		0
1104	Weak Correlation-Based Discriminative Dictionary Learning forÂlmage Classification. Lecture Notes in Computer Science, 2023, , 159-170.	1.0	0
1107	Adaptive locality sensitive analysis representation learning via K-SVD algorithm. , 2023, , .		0
1111	Enhanced sparse representation-based intelligent recognition framework for fault diagnosis of wind turbine drive trains. , 2023, , 93-131.		0
1115	Collaborative Representation Based Fisher Discrimination Dictionary Learning For Image Classification. , 2023, , .		0
1118	DualHGNN: A Dual Hypergraph Neural Network for Semi-Supervised Node Classification based on Multi-View Learning and Density Awareness. , 2023, , .		0
1120	Label Consistency-based Modified Sequential Dictionary Learning-based Approach for PIR Sensor-based Detection of Human Movement Direction. Lecture Notes in Networks and Systems, 2023, , 183-195.	0.5	1

#	Article	IF	CITATIONS
1124	Gas-Water Two-Phase Flow Status Identification Based on Jointly Specific and Shared Dictionary Learning. , 2023, , .		0
1126	Novel £2,1-Norm Based Least Square Regression Method for Classification. , 2023, , .		0
1127	Classification With Dictionary Learning and A Distance Barrier Promoting Incoherence. , 2023, , .		0
1129	Label-Consistent Convolutional Dictionary Learning for Machine Inspection. , 2023, , .		0
1131	Deep Sparse Representation Learning forÂMulti-class Image Classification. Lecture Notes in Computer Science, 2023, , 218-227.	1.0	0
1139	A Comprehensive Deep Semi-supervised Graph Learning Approach Incorporating Node Re-weighting and Manifold Regularization. , 2023, , .		0
1143	Autoencoder-Based Learning of Transmission Parameters in Fast Pulse-Echo Ultrasound Imaging Employing Sparse Recovery. , 2023, , .		0