

Bob Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

5,026
citations

109264

35
h-index

114418

63
g-index

187
all docs

187
docs citations

187
times ranked

3520
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinal vessel extraction by matched filter with first-order derivative of Gaussian. Computers in Biology and Medicine, 2010, 40, 438-445.	3.9	444
2	Retinopathy Online Challenge: Automatic Detection of Microaneurysms in Digital Color Fundus Photographs. IEEE Transactions on Medical Imaging, 2010, 29, 185-195.	5.4	414
3	Detection of microaneurysms using multi-scale correlation coefficients. Pattern Recognition, 2010, 43, 2237-2248.	5.1	197
4	Local line directional pattern for palmprint recognition. Pattern Recognition, 2016, 50, 26-44.	5.1	182
5	Coarse-to-Fine CNN for Image Super-Resolution. IEEE Transactions on Multimedia, 2021, 23, 1489-1502.	5.2	122
6	Palmprint Recognition Based on Complete Direction Representation. IEEE Transactions on Image Processing, 2017, 26, 4483-4498.	6.0	115
7	DRPL: Deep Regression Pair Learning for Multi-Focus Image Fusion. IEEE Transactions on Image Processing, 2020, 29, 4816-4831.	6.0	112
8	Unified Embedding Alignment with Missing Views Inferring for Incomplete Multi-View Clustering. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 5393-5400.	3.6	103
9	Adaptive weighted nonnegative low-rank representation. Pattern Recognition, 2018, 81, 326-340.	5.1	88
10	Statistical Analysis of Tongue Images for Feature Extraction and Diagnostics. IEEE Transactions on Image Processing, 2013, 22, 5336-5347.	6.0	87
11	Detecting Diabetes Mellitus and Nonproliferative Diabetic Retinopathy Using Tongue Color, Texture, and Geometry Features. IEEE Transactions on Biomedical Engineering, 2014, 61, 491-501.	2.5	87
12	Adaptive Graph Completion Based Incomplete Multi-View Clustering. IEEE Transactions on Multimedia, 2021, 23, 2493-2504.	5.2	87
13	Multiple representations and sparse representation for image classification. Pattern Recognition Letters, 2015, 68, 9-14.	2.6	78
14	Sparse Representation Classifier for microaneurysm detection and retinal blood vessel extraction. Information Sciences, 2012, 200, 78-90.	4.0	74
15	Learning Discriminant Direction Binary Palmprint Descriptor. IEEE Transactions on Image Processing, 2019, 28, 3808-3820.	6.0	73
16	Class-Specific Reconstruction Transfer Learning for Visual Recognition Across Domains. IEEE Transactions on Image Processing, 2020, 29, 2424-2438.	6.0	68
17	Local apparent and latent direction extraction for palmprint recognition. Information Sciences, 2019, 473, 59-72.	4.0	66
18	Sample diversity, representation effectiveness and robust dictionary learning for face recognition. Information Sciences, 2017, 375, 171-182.	4.0	64

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19	Generative multi-view and multi-feature learning for classification. Information Fusion, 2019, 45, 215-226.	11.7	63
20	Local Discriminant Direction Binary Pattern for Palmprint Representation and Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 468-481.	5.6	62
21	Noninvasive Diabetes Mellitus Detection Using Facial Block Color With a Sparse Representation Classifier. IEEE Transactions on Biomedical Engineering, 2014, 61, 1027-1033.	2.5	57
22	Ensemble correlation-based low-rank matrix completion with applications to traffic data imputation. Knowledge-Based Systems, 2017, 132, 249-262.	4.0	55
23	Palmprint Recognition Using Neighboring Direction Indicator. IEEE Transactions on Human-Machine Systems, 2016, 46, 787-798.	2.5	54
24	An Adaptive Background Modeling Method for Foreground Segmentation. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1109-1121.	4.7	53
25	Deep discriminative representation for generic palmprint recognition. Pattern Recognition, 2020, 98, 107071.	5.1	53
26	Joint deep convolutional feature representation for hyperspectral palmprint recognition. Information Sciences, 2019, 489, 167-181.	4.0	49
27	Deep Cascade Model-Based Face Recognition: When Deep-Layered Learning Meets Small Data. IEEE Transactions on Image Processing, 2020, 29, 1016-1029.	6.0	49
28	Learning Salient and Discriminative Descriptor for Palmprint Feature Extraction and Identification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5219-5230.	7.2	48
29	Joint similar and specific learning for diabetes mellitus and impaired glucose regulation detection. Information Sciences, 2017, 384, 191-204.	4.0	43
30	Super Sparse Convolutional Neural Networks. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 4440-4447.	3.6	42
31	A Novel Visual Analysis Method of Food Safety Risk Traceability Based on Blockchain. International Journal of Environmental Research and Public Health, 2020, 17, 2300.	1.2	42
32	Low-rank representation integrated with principal line distance for contactless palmprint recognition. Neurocomputing, 2016, 218, 264-275.	3.5	40
33	Low-Rank Matrix Recovery via Modified Schatten- p Norm Minimization With Convergence Guarantees. IEEE Transactions on Image Processing, 2020, 29, 3132-3142.	6.0	39
34	DIMC-net: Deep Incomplete Multi-view Clustering Network. , 2020, , .		38
35	Learning Compact Multifeature Codes for Palmprint Recognition From a Single Training Image per Palm. IEEE Transactions on Multimedia, 2021, 23, 2930-2942.	5.2	37
36	Palm-Print Classification by Global Features. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 370-378.	5.9	36

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37	Joint discriminative and collaborative representation for fatty liver disease diagnosis. Expert Systems With Applications, 2017, 89, 31-40.	4.4	36
38	Efficient Recovery of Low-Rank Matrix via Double Nonconvex Nonsmooth Rank Minimization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2916-2925.	7.2	35
39	Tongue Color Analysis for Medical Application. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	0.5	34
40	Consensus guided incomplete multi-view spectral clustering. Neural Networks, 2021, 133, 207-219.	3.3	34
41	TongueNet: A Precise and Fast Tongue Segmentation System Using U-Net with a Morphological Processing Layer. Applied Sciences (Switzerland), 2019, 9, 3128.	1.3	33
42	Feature Extraction for 3-D Palmprint Recognition: A Survey. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 645-656.	2.4	33
43	Joint Constrained Least-Square Regression With Deep Convolutional Feature for Palmprint Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 511-522.	5.9	32
44	Joint discriminative feature learning for multimodal finger recognition. Pattern Recognition, 2021, 111, 107704.	5.1	32
45	Computational Traditional Chinese Medicine diagnosis: A literature survey. Computers in Biology and Medicine, 2021, 133, 104358.	3.9	30
46	Principal Line-Based Alignment Refinement for Palmprint Recognition. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1491-1499.	3.3	29
47	Significant Geometry Features in Tongue Image Analysis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	0.5	29
48	Local discriminant coding based convolutional feature representation for multimodal finger recognition. Information Sciences, 2021, 547, 1170-1181.	4.0	29
49	Ear-parotic face angle: A unique feature for 3D ear recognition. Pattern Recognition Letters, 2015, 53, 9-15.	2.6	28
50	Weighted sparse coding regularized nonconvex matrix regression for robust face recognition. Information Sciences, 2017, 394-395, 1-17.	4.0	27
51	Joint Discriminative Sparse Coding for Robust Hand-Based Multimodal Recognition. IEEE Transactions on Information Forensics and Security, 2021, 16, 3186-3198.	4.5	26
52	A novel regularized concept factorization for document clustering. Knowledge-Based Systems, 2017, 135, 147-158.	4.0	25
53	Graph Based Multichannel Feature Fusion for Wrist Pulse Diagnosis. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3732-3743.	3.9	25
54	Tensor Manifold Discriminant Projections for Acceleration-Based Human Activity Recognition. IEEE Transactions on Multimedia, 2016, 18, 1977-1987.	5.2	24

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55	Shared Autoencoder Gaussian Process Latent Variable Model for Visual Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4272-4286.	7.2	24
56	Facial image medical analysis system using quantitative chromatic feature. Expert Systems With Applications, 2013, 40, 3738-3746.	4.4	23
57	Joint Multiview Feature Learning for Hand-Print Recognition. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9743-9755.	2.4	23
58	Learning Complete and Discriminative Direction Pattern for Robust Palmprint Recognition. IEEE Transactions on Image Processing, 2021, 30, 1001-1014.	6.0	23
59	Convergence and robustness of bounded recurrent neural networks for solving dynamic Lyapunov equations. Information Sciences, 2022, 588, 106-123.	4.0	23
60	An extensive analysis of various texture feature extractors to detect Diabetes Mellitus using facial specific regions. Computers in Biology and Medicine, 2017, 83, 69-83.	3.9	22
61	Locality preserving projection with symmetric graph embedding for unsupervised dimensionality reduction. Pattern Recognition, 2022, 131, 108844.	5.1	22
62	Body surface feature-based multi-modal Learning for Diabetes Mellitus detection. Information Sciences, 2019, 472, 1-14.	4.0	21
63	Sparse Supervised Representation-Based Classifier for Uncontrolled and Imbalanced Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2847-2856.	7.2	21
64	Learning Structurally Incoherent Background and Target Dictionaries for Hyperspectral Target Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3521-3533.	2.3	21
65	Towards Fast and Robust Real Image Denoising With Attentive Neural Network and PID Controller. IEEE Transactions on Multimedia, 2022, 24, 2366-2377.	5.2	21
66	PID Controller-Guided Attention Neural Network Learning for Fast and Effective Real Photographs Denoising. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3010-3023.	7.2	21
67	An improved noninvasive method to detect Diabetes Mellitus using the Probabilistic Collaborative Representation based Classifier. Information Sciences, 2018, 467, 477-488.	4.0	20
68	Triple-translation GAN with multi-layer sparse representation for face image synthesis. Neurocomputing, 2019, 358, 294-308.	3.5	20
69	Asymmetric Gaussian Process multi-view learning for visual classification. Information Fusion, 2021, 65, 108-118.	11.7	20
70	Jointly learning multi-instance hand-based biometric descriptor. Information Sciences, 2021, 562, 1-12.	4.0	20
71	Double-cohesion learning based multiview and discriminant palmprint recognition. Information Fusion, 2022, 83-84, 96-109.	11.7	20
72	Automatic Epicardial Fat Segmentation and Quantification of CT Scans Using Dual U-Nets With a Morphological Processing Layer. IEEE Access, 2020, 8, 128032-128041.	2.6	19

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73	Regularization on Augmented Data to Diversify Sparse Representation for Robust Image Classification. IEEE Transactions on Cybernetics, 2022, 52, 4935-4948.	6.2	19
74	Computerized facial diagnosis using both color and texture features. Information Sciences, 2013, 221, 49-59.	4.0	18
75	Jointly Heterogeneous Palmprint Discriminant Feature Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4979-4990.	7.2	18
76	Deformable Template Network (DTN) for Object Detection. IEEE Transactions on Multimedia, 2022, 24, 2058-2068.	5.2	18
77	Meta PID Attention Network for Flexible and Efficient Real-World Noisy Image Denoising. IEEE Transactions on Image Processing, 2022, 31, 2053-2066.	6.0	18
78	Hierarchical detection of red lesions in retinal images by multiscale correlation filtering. Proceedings of SPIE, 2009, , .	0.8	17
79	Two-stage knowledge transfer framework for image classification. Pattern Recognition, 2020, 107, 107529.	5.1	17
80	Image decomposition based matrix regression with applications to robust face recognition. Pattern Recognition, 2020, 102, 107204.	5.1	17
81	A general moving detection method using dual-target nonparametric background model. Knowledge-Based Systems, 2019, 164, 85-95.	4.0	16
82	A survey on dorsal hand vein biometrics. Pattern Recognition, 2021, 120, 108122.	5.1	16
83	Low-rank inter-class sparsity based semi-flexible target least squares regression for feature representation. Pattern Recognition, 2022, 123, 108346.	5.1	16
84	Tree-Structured Nuclear Norm Approximation With Applications to Robust Face Recognition. IEEE Transactions on Image Processing, 2016, 25, 5757-5767.	6.0	15
85	Precision direction and compact surface type representation for 3D palmprint identification. Pattern Recognition, 2019, 87, 237-247.	5.1	15
86	DsNet: Dual stack network for detecting diabetes mellitus and chronic kidney disease. Information Sciences, 2021, 547, 945-962.	4.0	15
87	Dual Asymmetric Deep Hashing Learning. IEEE Access, 2019, 7, 113372-113384.	2.6	14
88	Novel Noninvasive Brain Disease Detection System Using a Facial Image Sensor. Sensors, 2017, 17, 2843.	2.1	13
89	Robust collaborative representation-based classification via regularization of truncated total least squares. Neural Computing and Applications, 2019, 31, 5689-5697.	3.2	13
90	Similarity and diversity induced paired projection for cross-modal retrieval. Information Sciences, 2020, 539, 215-228.	4.0	13

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91	Shared Linear Encoder-Based Multikernel Gaussian Process Latent Variable Model for Visual Classification. IEEE Transactions on Cybernetics, 2021, 51, 534-547.	6.2	13
92	Improving texture analysis performance in biometrics by adjusting image sharpness. Pattern Recognition, 2017, 66, 16-25.	5.1	12
93	Joint distances by sparse representation and locality-constrained dictionary learning for robust leaf recognition. Computers and Electronics in Agriculture, 2017, 142, 563-571.	3.7	12
94	Nonparametric Bayesian Correlated Group Regression With Applications to Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5330-5344.	7.2	12
95	Robust joint representation with triple local feature for face recognition with single sample per person. Knowledge-Based Systems, 2019, 181, 104790.	4.0	12
96	Learning Compact Multirepresentation Feature Descriptor for Finger-Vein Recognition. IEEE Transactions on Information Forensics and Security, 2022, 17, 1946-1958.	4.5	12
97	A novel Color Rendition Chart for digital tongue image calibration. Color Research and Application, 2018, 43, 749-759.	0.8	11
98	Multi-View Classification via a Fast and Effective Multi-View Nearest-Subspace Classifier. IEEE Access, 2019, 7, 49669-49679.	2.6	11
99	Discriminant and Sparsity Based Least Squares Regression with l_1 Regularization for Feature Representation. , 2020, , .		11
100	Tongue Image Alignment via Conformal Mapping for Disease Detection. IEEE Access, 2020, 8, 9796-9808.	2.6	11
101	Jointly learning compact multi-view hash codes for few-shot FKP recognition. Pattern Recognition, 2021, 115, 107894.	5.1	11
102	Meta-Pixel-Driven Embeddable Discriminative Target and Background Dictionary Pair Learning for Hyperspectral Target Detection. Remote Sensing, 2022, 14, 481.	1.8	11
103	Effective Heart Disease Detection Based on Quantitative Computerized Traditional Chinese Medicine Using Representation Based Classifiers. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-10.	0.5	10
104	Collaborative Representation Using Non-Negative Samples for Image Classification. Sensors, 2019, 19, 2609.	2.1	10
105	An automatic multi-view disease detection system via Collective Deep Region-based Feature Representation. Future Generation Computer Systems, 2021, 115, 59-75.	4.9	10
106	Multi-Branch-CNN: Classification of ion channel interacting peptides using multi-branch convolutional neural network. Computers in Biology and Medicine, 2022, 147, 105717.	3.9	10
107	A Noninvasive Method to Detect Diabetes Mellitus and Lung Cancer Using the Stacked Sparse autoencoder. , 2020, , .		9
108	Robust and adaptive algorithm for hyperspectral palmprint region of interest extraction. IET Biometrics, 2019, 8, 391-400.	1.6	9

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109	Structural Deep Incomplete Multi-view Clustering Network. , 2021, , .		9
110	Innovative Contactless Palmprint Recognition System Based on Dual-Camera Alignment. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6464-6476.	5.9	9
111	Sentiment Analysis of Review Data Using Blockchain and LSTM to Improve Regulation for a Sustainable Market. Journal of Theoretical and Applied Electronic Commerce Research, 2022, 17, 1-19.	3.1	9
112	Flexible and Generalized Real Photograph Denoising Exploiting Dual Meta Attention. IEEE Transactions on Cybernetics, 2023, 53, 6395-6407.	6.2	9
113	Optic disc and fovea detection via multi-scale matched filters and a vessels' directional matched filter. , 2010, , .		8
114	Microaneurysm (MA) Detection via Sparse Representation Classifier with MA and Non-MA Dictionary Learning. , 2010, , .		8
115	Gaussian Pyramid of Conditional Generative Adversarial Network for Real-World Noisy Image Denoising. Neural Processing Letters, 2020, 51, 2669-2684.	2.0	8
116	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
117	A Novel Method for Food Market Regulation by Emotional Tendencies Predictions from Food Reviews Based on Blockchain and SAEs. Foods, 2021, 10, 1398.	1.9	8
118	Optic Disc Detection by Multi-scale Gaussian Filtering with Scale Production and a Vesselsâ€™™ Directional Matched Filter. Lecture Notes in Computer Science, 2010, , 173-180.	1.0	8
119	Online 3D Ear Recognition by Combining Global and Local Features. PLoS ONE, 2016, 11, e0166204.	1.1	8
120	Non-invasive Health Status Detection System Using Gabor Filters Based on Facial Block Texture Features. Journal of Medical Systems, 2015, 39, 227.	2.2	7
121	Discriminative Local Feature for Hyperspectral Hand Biometrics by Adjusting Image Acutance. Applied Sciences (Switzerland), 2019, 9, 4178.	1.3	7
122	Learning Discriminative Finger-knuckle-print Descriptor. , 2019, , .		7
123	Similarity Learning-Induced Symmetric Nonnegative Matrix Factorization for Image Clustering. IEEE Access, 2019, 7, 166380-166389.	2.6	7
124	Linear Representation-Based Methods for Image Classification: A Survey. IEEE Access, 2020, 8, 216645-216670.	2.6	7
125	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
126	FVSR-Net: an end-to-end Finger Vein Image Scattering Removal Network. Multimedia Tools and Applications, 2021, 80, 10705-10722.	2.6	7

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127	An Adaptive Discriminant and Sparsity Feature Descriptor for Finger Vein Recognition. , 2021, , .		7
128	Disease Detection Using Tongue Geometry Features with Sparse Representation Classifier. , 2014, , .		6
129	Robust and adaptive ROI extraction for hyperspectral dorsal hand vein images. IET Computer Vision, 2019, 13, 595-604.	1.3	6
130	Relaxed Asymmetric Deep Hashing Learning: Point-to-Angle Matching. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4791-4805.	7.2	6
131	Toward Efficient Palmprint Feature Extraction by Learning a Single-Layer Convolution Network. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9783-9794.	7.2	6
132	Diabetes Mellitus Detection Based on Facial Block Texture Features Using the Gabor Filter. , 2014, , .		5
133	Detecting Diabetes Mellitus and Nonproliferative Diabetic Retinopathy Using CTD. , 2017, , 303-325.		5
134	Facial beauty analysis based on features prediction and beautification models. Pattern Analysis and Applications, 2018, 21, 529-542.	3.1	5
135	A Novel Regularized Nonnegative Matrix Factorization for Spectral-Spatial Dimension Reduction of Hyperspectral Imagery. IEEE Access, 2018, 6, 77953-77964.	2.6	5
136	A shell dataset, for shell features extraction and recognition. Scientific Data, 2019, 6, 226.	2.4	5
137	Sparsity-Induced Graph Convolutional Network for Semisupervised Learning. IEEE Transactions on Artificial Intelligence, 2021, 2, 549-563.	3.4	5
138	Fast and Robust Dictionary-based Classification for Image Data. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-22.	2.5	5
139	Two-phase non-invasive multi-disease detection via sublingual region. Computers in Biology and Medicine, 2021, 137, 104782.	3.9	5
140	Shared Linear Encoder-based Gaussian Process Latent Variable Model for Visual Classification. , 2018, , .		5
141	Joint Discriminative Latent Subspace Learning for Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4653-4666.	5.6	5
142	Application of improved virtual sample and sparse representation in face recognition. CAAI Transactions on Intelligence Technology, 2023, 8, 1391-1402.	3.4	5
143	Digital tongue image analysis in medical applications using a new tongue ColorChecker. , 2016, , .		4
144	Using K-NN with weights to detect diabetes mellitus based on genetic algorithm feature selection. , 2016, , .		4

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145	Visual Classification With Multikernel Shared Gaussian Process Latent Variable Model. IEEE Transactions on Cybernetics, 2019, 49, 2886-2899.	6.2	4
146	Initial investigation of different classifiers for plant leaf classification using multiple features. , 2019, , .		4
147	Detecting Optic Disc on Asians by Multiscale Gaussian Filtering. International Journal of Biomedical Imaging, 2012, 2012, 1-10.	3.0	3
148	Simplified and Improved Patch Ordering for Diabetes Mellitus detection. , 2015, , .		3
149	Multi-Feature Fusion Using Collaborative Residual for Hyperspectral Palmprint Recognition. , 2018, , .		3
150	A Novel Hyperspectral Based Dorsal Hand Recognition System. , 2019, , .		3
151	Kernel nonnegative representation-based classifier. Applied Intelligence, 0, , 1.	3.3	3
152	Jointly Learning Multiple Curvature Descriptor for 3D Palmprint Recognition. , 2021, , .		3
153	Two novel style-transfer palmprint reconstruction attacks. Applied Intelligence, 2023, 53, 6354-6371.	3.3	3
154	Computerized analysis of tongue sub-lingual veins to detect lung and breast cancers. , 2017, , .		2
155	Robust Constrained Concept Factorization. Studies in Computational Intelligence, 2018, , 207-225.	0.7	2
156	An improved solution for deformation simulation of nonorthotropic geometric models. Computer Animation and Virtual Worlds, 2020, 31, e1915.	0.7	2
157	Harmonization Shared Autoencoder Gaussian Process Latent Variable Model With Relaxed Hamming Distance. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5093-5107.	7.2	2
158	Fracture Patterns Design for Anisotropic Models with the Material Point Method. Computer Graphics Forum, 2020, 39, 93-104.	1.8	2
159	Multi-feature representation for burn depth classification via burn images. Artificial Intelligence in Medicine, 2021, 118, 102128.	3.8	2
160	Retinal Vessel Centerline Extraction Using Multiscale Matched Filter and Sparse Representation-Based Classifier. Lecture Notes in Computer Science, 2010, , 181-190.	1.0	2
161	Guided Learning: A New Paradigm for Multi-task Classification. Lecture Notes in Computer Science, 2018, , 239-246.	1.0	2
162	Low Rank Based Discriminative Least Squares Regression with Sparse Autoencoder Processing for Image Classification. , 2021, , .		2

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163	A robust newton iterative algorithm for acoustic location based on solving linear matrix equations in the presence of various noises. Applied Intelligence, 2023, 53, 1219-1232.	3.3	2
164	A study of diabetes mellitus detection using sparse representation algorithms with facial block color features. , 2016, , .		1
165	Facial color feature extraction for disease diagnosis using non-base colors. , 2016, , .		1
166	Tongue Pattern Recognition to Detect Diabetes Mellitus and Non-Proliferative Diabetic Retinopathy. , 2017, , 663-686.		1
167	Robust semi-supervised concept factorization. , 2017, , .		1
168	Non-Invasive Multi-Disease Classification via Facial Image Analysis Using a Convolutional Neural Network. , 2018, , .		1
169	Computer-Assisted Non-Invasive Diabetes Mellitus Detection System via Facial Key Block Analysis. , 2018, , .		1
170	A Progressive Stack Face-based Network for Detecting Diabetes Mellitus and Breast Cancer. , 2020, , .		1
171	Renal Cancer Detection: Fusing Deep and Texture Features from Histopathology Images. BioMed Research International, 2022, 2022, 1-17.	0.9	1
172	Facial color analysis of Overweight-Obesity and its relationship to Healthy and Diabetes Mellitus using statistical pattern recognition. , 2015, , .		0
173	Applying L-SRC for Non-invasive Disease Detection Using Facial Chromaticity and Texture Features. , 2019, , .		0
174	Illuminance Compensation and Texture Enhancement via the Hodge Decomposition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 956-971.	5.6	0
175	Subspace-level dictionary fusion for robust multimedia classification. Multimedia Tools and Applications, 2021, 80, 21885-21898.	2.6	0
176	Hierarchical Automatic COVID-19 Detection via CT Scan Images. , 2021, , .		0
177	Noise Homogenization via Multi-Channel Wavelet Filtering for High-Fidelity Sample Generation in Gans. , 2021, , .		0
178	A Performance Evaluation of Local Descriptors, Direction Coding and Correlation Filters for Palm Vein Recognition. Lecture Notes in Computer Science, 2016, , 279-287.	1.0	0
179	Statistical Analysis of Tongue Color and Its Applications in Diagnosis. , 2017, , 225-250.		0
180	A novel fusion strategy for probabilistic sparse representation classifier guided by support vector machines. , 2019, , .		0