

# Yongsheng Gao

## List of Publications by Year in descending order

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229  
papers

5,069  
citations

182225

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124990

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g-index

229  
all docs

229  
docs citations

229  
times ranked

4258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning discriminative region representation for person retrieval. Pattern Recognition, 2022, 121, 108229.	5.1	17
2	An Ultraefficient Broadband Photonic Channelizer Based on Polarization-Division Multiplexing and Integrated Dual-Polarization Coherent Detection Receiver. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1821-1831.	2.9	8
3	A linearized optical single-sideband modulation RoF link with tunable optical carrier-to-sideband ratio. Optics Communications, 2022, 511, 127991.	1.0	2
4	High-performance dual-band radio-over-fiber link for future 5G radio access applications. Journal of Optical Communications and Networking, 2022, 14, 267.	3.3	10
5	Bidirectional colorless WDM-PON RoF system with large spurious free dynamic range. Journal of Optical Communications and Networking, 2022, 14, 389.	3.3	4
6	A dual-channel microwave photonic mixer with large dynamic range. Optik, 2022, 262, 169327.	1.4	1
7	Parameter-Efficient Deep Neural Networks With Bilinear Projections. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4075-4085.	7.2	2
8	Shape prior model via dual subspace segment projection learning. Computer Methods and Programs in Biomedicine, 2021, 200, 105760.	2.6	0
9	Robust Tensor Decomposition for Image Representation Based on Generalized Correntropy. IEEE Transactions on Image Processing, 2021, 30, 150-162.	6.0	6
10	Dual subspace discriminative projection learning. Pattern Recognition, 2021, 111, 107581.	5.1	18
11	DE-Net: Dilated Encoder Network for Automated Tongue Segmentation. , 2021, , .		4
12	Linearity optimization of multi-octave analog photonic links based on power weighting, polarization multiplexing and bias control. Optics Express, 2021, 29, 2077.	1.7	5
13	Gaussian Convolution Angles: Invariant Vein and Texture Descriptors for Butterfly Species Identification. , 2021, , .		3
14	A Simple and All-Optical Microwave Doppler Frequency Shift and Phase Measurement System Based on Sagnac Loop and I/Q Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	2.4	3
15	Exploring Chromatic Aberration and Defocus Blur for Relative Depth Estimation From Monocular Hyperspectral Image. IEEE Transactions on Image Processing, 2021, 30, 4357-4370.	6.0	3
16	Analog radio-over-fiber links with a high SFDR for passive distributed antenna system applications using Lagrange multiplier optimization. Optics Letters, 2021, 46, 596.	1.7	2
17	Localized Surface Plasmon Enhanced Laser Reduction of Graphene Oxide for Wearable Strain Sensor. Advanced Materials Technologies, 2021, 6, 2001191.	3.0	16
18	RF Self-Interference Cancellation for Radio-Over-Fiber Link Based on Dual Phase Modulation in Sagnac Loop. IEEE Photonics Journal, 2021, 13, 1-15.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Wideband microwave Doppler frequency shift measurement based on acousto-optic frequency shift and DP-QPSK receiver. Measurement: Journal of the International Measurement Confederation, 2021, 178, 109388.	2.5	2
20	Synthetic microbleeds generation for classifier training without ground truth. Computer Methods and Programs in Biomedicine, 2021, 207, 106127.	2.6	6
21	Composite description based on color vector quantization and visual primary features for CBIR tasks. Multimedia Tools and Applications, 2021, 80, 33409-33427.	2.6	4
22	Learning deep part-aware embedding for person retrieval. Pattern Recognition, 2021, 116, 107938.	5.1	22
23	Quasi-solid-state self-assembly of 1D-branched ZnSe/ZnS quantum rods into parallel monorail-like continuous films for solar devices. Nano Energy, 2021, 89, 106348.	8.2	6
24	MaskCOV: A random mask covariance network for ultra-fine-grained visual categorization. Pattern Recognition, 2021, 119, 108067.	5.1	34
25	A unified weight learning and low-rank regression model for robust complex error modeling. Pattern Recognition, 2021, 120, 108147.	5.1	6
26	Large Spurious-free Dynamic Range RoF Link with Tunable CSR. , 2021, , .		0
27	A Dual-Band Radio-Over-Fiber Link for Future 5G Communication System. , 2021, , .		1
28	Broadband photonic RF channelizer with 66 channels based on acousto-optic frequency shifter. Optical Engineering, 2021, 60, .	0.5	1
29	64 GHz photonic microwave Doppler frequency shift measurement based on polarization multiplexing modulation and I/Q balanced detection. Optics Communications, 2020, 456, 124579.	1.0	16
30	MobileFAN: Transferring deep hidden representation for face alignment. Pattern Recognition, 2020, 100, 107114.	5.1	32
31	Wideband Dual-Channel Photonic RF Repeater Based on Polarization Division Multiplexing Modulation and Polarization Control. Journal of Lightwave Technology, 2020, 38, 1275-1285.	2.7	4
32	A robust matching pursuit algorithm using information theoretic learning. Pattern Recognition, 2020, 107, 107415.	5.1	4
33	All-Optical and Broadband Microwave Image-Reject Receiver Based on Phase Modulation and I/Q Balanced Detection. Journal of Lightwave Technology, 2020, 38, 5962-5972.	2.7	16
34	Suppression of third-order intermodulation distortion in analog photonic link based on an integrated polarization division multiplexing Mach-Zehnder modulator. Optics Communications, 2020, 475, 126253.	1.0	6
35	Laser induced graphene for biosensors. Sustainable Materials and Technologies, 2020, 25, e00205.	1.7	59
36	Fast Corner Detection Using Approximate Form of Second-Order Gaussian Directional Derivative. IEEE Access, 2020, 8, 194092-194104.	2.6	4

#	ARTICLE	IF	CITATIONS
37	An Ultra-Wideband Microwave Photonic Channelizer Based on Coherent Optical Frequency Combs and Image-Reject Down-Conversion. IEEE Access, 2020, 8, 213115-213121.	2.6	2
38	Development of a Microfluidic Droplet-Based Microbioreactor for Microbial Cultivation. ACS Biomaterials Science and Engineering, 2020, 6, 3630-3637.	2.6	14
39	Laser induced self-N-doped porous graphene as an electrochemical biosensor for femtomolar miRNA detection. Carbon, 2020, 163, 385-394.	5.4	118
40	Double Graph Regularized Double Dictionary Learning for Image Classification. IEEE Transactions on Image Processing, 2020, 29, 7707-7721.	6.0	14
41	An Ultra-Wideband Microwave Photonic Channelized Receiver with Zero-IF Architecture. Applied Sciences (Switzerland), 2020, 10, 30.	1.3	11
42	From species to cultivar: Soybean cultivar recognition using joint leaf image patterns by multiscale sliding chord matching. Biosystems Engineering, 2020, 194, 99-111.	1.9	20
43	Inverse Coefficient of Variation Feature and Multilevel Fusion Technique for Hyperspectral and LiDAR Data Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 367-381.	2.3	17
44	Quadratic Tensor Anisotropy Measures for Reliable Curvilinear Pattern Detection. Lecture Notes in Computer Science, 2020, , 139-150.	1.0	1
45	A Novel Line Integral Transform for 2D Affine-Invariant Shape Retrieval. Lecture Notes in Computer Science, 2020, , 596-611.	1.0	0
46	A Local Flow Phase Stretch Transform for Robust Retinal Vessel Detection. Lecture Notes in Computer Science, 2020, , 251-261.	1.0	4
47	Wideband Coherent Optical RF Channelizer With Image-Reject Down-Conversion. , 2020, , .		1
48	Chord Bunch Walks for Recognizing Naturally Self-Overlapped and Compound Leaves. IEEE Transactions on Image Processing, 2019, 28, 5963-5976.	6.0	18
49	Learning discriminative subregions and pattern orders for facial gender classification. Image and Vision Computing, 2019, 89, 144-157.	2.7	2
50	A Novel Multi-scale Invariant Descriptor Based on Contour and Texture for Shape Recognition. Lecture Notes in Computer Science, 2019, , 551-564.	1.0	0
51	Contour Covariance: A Fast Descriptor for Classification. , 2019, , .		8
52	Multiscale Contour Steered Region Integral and Its Application for Cultivar Classification. IEEE Access, 2019, 7, 69087-69100.	2.6	12
53	Wideband photonic microwave channelization and image-reject down-conversion. Optics Communications, 2019, 445, 41-49.	1.0	18
54	ST-CNN: Spatial-Temporal Convolutional Neural Network for crowd counting in videos. Pattern Recognition Letters, 2019, 125, 113-118.	2.6	45

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55	Wideband Photonic Image-Reject RF Receiver Based on Phase Modulation and I/Q Balanced Detection. , 2019, , .		1
56	Decomposed-Excitatory Antagonistic Model for Reliable Retinal Vessel Detection. , 2019, , .		1
57	Gradient-Based Pooling for Convolutional Neural Networks. , 2019, , .		1
58	Polarization-controlled Flexible Dual-channel Photonic RF Repeater. , 2019, , .		0
59	A Graph-based Image Clustering Method Using Mutual Information Maximization. , 2019, , .		1
60	Automatic Live and Dead Cell Classification via Hyperspectral Imaging. , 2019, , .		2
61	Kernel Mean P Power Error Loss for Robust Two-Dimensional Singular Value Decomposition. , 2019, , .		1
62	Robust Sparse Learning Based on Kernel Non-Second Order Minimization. , 2019, , .		1
63	Conditional Random Field and Deep Feature Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1612-1628.	2.7	49
64	Automatic Estimation of Soil Biochar Quantity via Hyperspectral Imaging. , 2019, , 1608-1635.		0
65	Multi-octave analog photonic link with improved second- and third-order SFDRs. Optics Communications, 2018, 410, 685-689.	1.0	23
66	Colour Analysis of Strawberries on a Real Time Production Line. , 2018, , .		1
67	Face Recognition with Multi-channel Local Mesh High-order Pattern Descriptor and Convolutional Neural Network. , 2018, , .		2
68	Multi-Scale Piecewise Line Integral Strategy for Structure Integral Transform. , 2018, , .		0
69	Bay Lobsters Moulting Stage Analysis Based on High-Order Texture Descriptor. , 2018, , .		1
70	Online Relational Manifold Learning for Multiview Segmentation in Echocardiography. , 2018, , .		0
71	Classifier-Free Extraction of Power Line Wires from Point Cloud Data. , 2018, , .		2
72	Real- Time Computing for Droplet Detection and Recognition. , 2018, , .		3

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73	Triplet Constrained Deep Feature Extraction for Hyperspectral Image Classification. , 2018, , .		0
74	Matching Pursuit Based on Kernel Non-Second Order Minimization. , 2018, , .		0
75	Generative Adversarial Product Quantisation. , 2018, , .		3
76	Fusion of Hyperspectral and LiDAR Data Using Discriminant Correlation Analysis for Land Cover Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3905-3917.	2.3	16
77	Few-Example Affine Invariant Ear Detection in the Wild. Lecture Notes in Computer Science, 2018, , 248-257.	1.0	1
78	Data Augmentation Using Synthetic Lesions Improves Machine Learning Detection of Microbleeds from MRI. Lecture Notes in Computer Science, 2018, , 12-19.	1.0	4
79	All-optical and broadband microwave fundamental/sub-harmonic I/Q down-converters. Optics Express, 2018, 26, 7336.	1.7	34
80	Fundamental/Subharmonic Photonic Microwave I/Q Up-Converter for Single Sideband and Vector Signal Generation. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 4282-4292.	2.9	27
81	Integration of Heterogeneous Features from Co-registered Hyperspectral and LiDAR Data for Land Cover Classification. , 2018, , .		1
82	Evaluation of the un-eliminated laser phase noise induced by interferometer imbalance in self-homodyne coherent optical RF receivers. Proceedings of SPIE, 2017, , .	0.8	0
83	Photonic Microwave and mm-Wave Mixer for Multichannel Fiber Transmission. Journal of Lightwave Technology, 2017, 35, 1566-1574.	2.7	24
84	Analog Photonic Link With Tunable Optical Carrier to Sideband Ratio and Balanced Detection. IEEE Photonics Journal, 2017, 9, 1-10.	1.0	15
85	Photonic frequency sextupling scheme based on two intensity modulators and a Sagnac loop. Microwave and Optical Technology Letters, 2017, 59, 853-857.	0.9	1
86	Dynamic Texture Comparison Using Derivative Sparse Representation: Application to Video-Based Face Recognition. IEEE Transactions on Human-Machine Systems, 2017, 47, 970-982.	2.5	21
87	Ultra-Wideband Photonic Microwave I/Q Mixer for Zero-IF Receiver. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4513-4525.	2.9	38
88	A simplified filterless photonic frequency octupling scheme based on cascaded modulators. Journal of Modern Optics, 2017, 64, 861-865.	0.6	2
89	A novel method to realize optical single sideband modulation with tunable optical carrier to sideband ratio. Microwave and Optical Technology Letters, 2017, 59, 1740-1743.	0.9	9
90	Wideband Doppler Frequency Shift Measurement and Direction Discrimination Based on a DPMZM. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	16

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91	Large Bandwidth Photonic Microwave Image Rejection Mixer With High Conversion Efficiency. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	8
92	On the Sampling Strategy for Evaluation of Spectral-Spatial Methods in Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 862-880.	2.7	103
93	Region-Based Structure Preserving Nonnegative Matrix Factorization for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1575-1588.	2.3	44
94	Robust Image Classification via Low-Rank Double Dictionary Learning. Lecture Notes in Computer Science, 2017, , 316-328.	1.0	1
95	Sparse 3D directional vertices vs continuous 3D curves: Efficient 3D surface matching and its application for single model face recognition. Pattern Recognition, 2017, 65, 296-306.	5.1	16
96	Tunable frequency-doubled optoelectronic oscillator based on a phase modulator in a Sagnac loop. Optik, 2017, 145, 617-622.	1.4	7
97	Filterless frequency-octupling mm-wave generation by cascading Sagnac loop and DPMZM. Optics and Laser Technology, 2017, 97, 229-233.	2.2	12
98	Wideband Photonic Microwave SSB Up-Converter and I/Q Modulator. Journal of Lightwave Technology, 2017, 35, 4023-4032.	2.7	23
99	Retinal Vessel Segmentation Using Matched Filter with Joint Relative Entropy. Lecture Notes in Computer Science, 2017, , 228-239.	1.0	7
100	Low-rank double dictionary learning from corrupted data for robust image classification. Pattern Recognition, 2017, 72, 419-432.	5.1	18
101	Robust Facial Landmark Localization Using LBP Histogram Correlation Based Initialization. , 2017, , .		4
102	Exploring Structural Consistency in Graph Regularized Joint Spectral-Spatial Sparse Coding for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1151-1164.	2.3	5
103	A tunable and wideband microwave photonic phase shifter based on dual-polarization modulator. Optics Communications, 2017, 382, 377-380.	1.0	17
104	Surface geodesic pattern for 3D deformable texture matching. Pattern Recognition, 2017, 62, 21-32.	5.1	14
105	Combining Unmixing and Deep Feature Learning for Hyperspectral Image Classification. , 2017, , .		5
106	A Method to Create Stable Lighting and Remove Specular Reflections for Vision Systems. , 2017, , .		1
107	Can Walking and Measuring Along Chord Bunches Better Describe Leaf Shapes?. , 2017, , .		17
108	Generation of Triangular-Shaped Waveform With Frequency Doubling. IEEE Photonics Technology Letters, 2017, 29, 1599-1602.	1.3	9

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109	Photonic Doppler frequency shift measurement based on a dual-polarization modulator. Applied Optics, 2017, 56, 2084.	2.1	23
110	All-optical, ultra-wideband microwave I/Q mixer and image-reject frequency down-converter. Optics Letters, 2017, 42, 1105.	1.7	48
111	Wideband photonic RF transceiver with zero-if architecture. , 2017, , .		4
112	Photonic microwave frequency measurement with a tunable range based on a dual-polarization modulator. Applied Optics, 2016, 55, 8727.	2.1	15
113	Simultaneously photonic frequency downconversion, multichannel phase shifting, and IQ demodulation for wideband microwave signals. Optics Letters, 2016, 41, 4484.	1.7	48
114	Microwave Photonic Frequency Conversion With High Conversion Efficiency and Elimination of Dispersion-Induced Power Fading. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	18
115	A Local Scale Selection Scheme for Multiscale Area Integral Invariants. , 2016, , .		0
116	Affine Invariant Point-Set Matching Using Convex Hull Bisection. , 2016, , .		3
117	Boosting Radial Strings for 3D Face Recognition with Expressions and Occlusions. , 2016, , .		4
118	Multiscale Crossing Representation Using Combined Feature of Contour and Venation for Leaf Image Identification. , 2016, , .		8
119	Segmentation of the Left Ventricle in Echocardiography Using Contextual Shape Model. , 2016, , .		2
120	Discriminative dictionary pair learning from partially labeled data. , 2016, , .		2
121	Automated Image Analysis on Insect Soups. , 2016, , .		6
122	Photonic Generation of Binary and Quaternary Phase-Coded Microwave Waveforms With Frequency Quadrupling. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	12
123	Nonnegative-Matrix-Factorization-Based Hyperspectral Unmixing With Partially Known Endmembers. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6531-6544.	2.7	48
124	Tensor morphological profile for hyperspectral image classification. , 2016, , .		7
125	Photonic microwave waveform generation based on phase modulation and tunable dispersion. Optics Express, 2016, 24, 12524.	1.7	28
126	3D face recognition under partial occlusions using radial strings. , 2016, , .		11



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127	Structure Integral Transform Versus Radon Transform: A 2D Mathematical Tool for Invariant Shape Recognition. IEEE Transactions on Image Processing, 2016, 25, 5635-5648.	6.0	16
128	A Photonic Technique for Instantaneous Microwave Frequency Measurement Utilizing a Phase Modulator. IEEE Photonics Technology Letters, 2016, 28, 2795-2798.	1.3	24
129	Photonic versatile waveform generation based on phase modulation in Sagnac loop. Electronics Letters, 2016, 52, 550-551.	0.5	5
130	Robust tensor factorization using maximum correntropy criterion. , 2016, , .		2
131	Efficient Photonic Microwave Mixer With Compensation of the Chromatic Dispersion-Induced Power Fading. Journal of Lightwave Technology, 2016, 34, 3440-3448.	2.7	30
132	Face recognition using linear representation ensembles. Pattern Recognition, 2016, 59, 72-87.	5.1	20
133	Photonic Generation of Triangular Pulses Based on Phase Modulation and Spectrum Manipulation. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	28
134	Leaf image retrieval using combined feature of vein and contour. , 2015, , .		5
135	Multiple graph regularized NMF for hyperspectral unmixing. , 2015, , .		5
136	On the sampling strategies for evaluation of joint spectral-spatial information based classifiers. , 2015, , .		6
137	Delaunay-supported edges for image graphs. , 2015, , .		1
138	Relative Depth Estimation from Hyperspectral Data. , 2015, , .		2
139	An Analog Photonic Link With Compensation of Dispersion-Induced Power Fading. IEEE Photonics Technology Letters, 2015, 27, 1301-1304.	1.3	20
140	Multi-scale bisector integrals: An invariant descriptor for accurate shape retrieval. , 2015, , .		1
141	Linearization of an analog photonic link based on chirp modulation and fiber dispersion. Journal of Optics (United Kingdom), 2015, 17, 035705.	1.0	8
142	A microwave photonic link with high spurious-free dynamic range based on a parallel structure. Optoelectronics Letters, 2015, 11, 137-140.	0.4	10
143	3D Reconstruction from Hyperspectral Images. , 2015, , .		16
144	Photonic Microwave Generation With Frequency Octupling Based on a DP-QPSK Modulator. IEEE Photonics Technology Letters, 2015, 27, 2260-2263.	1.3	21

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145	3D local derivative pattern for hyperspectral face recognition. , 2015, , .		12
146	Compensation of the Dispersion-Induced Power Fading in an Analog Photonic Link Based on PMâ€™IM Conversion in a Sagnac Loop. Journal of Lightwave Technology, 2015, 33, 2899-2904.	2.7	47
147	Microwave generation with photonic frequency octupling using a DPMZM in a Sagnac loop. Journal of Modern Optics, 2015, 62, 1291-1296.	0.6	14
148	Efficient subgraph matching using topological node feature constraints. Pattern Recognition, 2015, 48, 317-330.	5.1	17
149	Linearization of an intensity-modulated analog photonic link using an FBG and a dispersive fiber. Optics Communications, 2015, 338, 1-6.	1.0	12
150	MARCH: Multiscale-arch-height description for mobile retrieval of leaf images. Information Sciences, 2015, 302, 132-148.	4.0	73
151	Face Recognition Using 3D Directional Corner Points. , 2014, , .		2
152	Dual Graph Regularized NMF for Hyperspectral Unmixing. , 2014, , .		17
153	Microwave Generation With Photonic Frequency Sextupling Based on Cascaded Modulators. IEEE Photonics Technology Letters, 2014, 26, 1199-1202.	1.3	43
154	Hierarchical String Cuts: A Translation, Rotation, Scale, and Mirror Invariant Descriptor for Fast Shape Retrieval. IEEE Transactions on Image Processing, 2014, 23, 4101-4111.	6.0	75
155	A flat and broadband optical frequency comb with tunable bandwidth and frequency spacing. Optics Communications, 2014, 331, 262-266.	1.0	21
156	An efficient photonic mixer with frequency doubling based on a dual-parallel MZM. Optics Communications, 2014, 321, 11-15.	1.0	46
157	Polygonal approximation using integer particle swarm optimization. Information Sciences, 2014, 278, 311-326.	4.0	13
158	Learning Discriminative Local Patterns with Unrestricted Structure for Face Recognition. , 2013, , .		0
159	Soil Biochar Quantification via Hyperspectral Unmixing. , 2013, , .		2
160	Face Recognition Using Ensemble String Matching. IEEE Transactions on Image Processing, 2013, 22, 4798-4808.	6.0	27
161	A 3D Polygonal Line Chains Matching Method for Face Recognition. , 2013, , .		0
162	Mobile plant leaf identification using smart-phones. , 2013, , .		14

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163	Matching non-aligned objects using a relational string-graph. , 2013, , .		2
164	3D face recognition using topographic high-order derivatives. , 2013, , .		0
165	Fast and Effective Retrieval of Plant Leaf Shapes. Lecture Notes in Computer Science, 2013, , 475-486.	1.0	3
166	A Unified Framework for Strengthening Topological Node Features and Its Application to Subgraph Isomorphism Detection. Lecture Notes in Computer Science, 2013, , 11-20.	1.0	8
167	An Audiovisual Wireless Field Guide. , 2013, , 631-641.		1
168	Spectral Regression dimension reduction for multiple features facial image retrieval. International Journal of Biometrics, 2012, 4, 77.	0.3	3
169	An Automatic On-Site Fire Ant Screening System. , 2012, , .		0
170	Recognition of driving postures by multiwavelet transform and multilayer perceptron classifier. Engineering Applications of Artificial Intelligence, 2012, 25, 1677-1686.	4.3	49
171	2.5D face recognition using Patch Geodesic Moments. Pattern Recognition, 2012, 45, 969-982.	5.1	29
172	Heterogeneous Specular and Diffuse 3-D Surface Approximation for Face Recognition Across Pose. IEEE Transactions on Information Forensics and Security, 2012, 7, 506-517.	4.5	15
173	Parametric Manifold of an Object under Different Viewing Directions. Lecture Notes in Computer Science, 2012, , 186-199.	1.0	2
174	Width Distributions for Shape Description. , 2011, , .		0
175	Fast Kernel Sparse Representation. , 2011, , .		15
176	Kernel Similarity Modeling of Texture Pattern Flow for Motion Detection in Complex Background. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 29-38.	5.6	26
177	3D Face Recognition Using Geodesic PZM Array from a Single Model per Person. IEICE Transactions on Information and Systems, 2011, E94-D, 1488-1496.	0.4	0
178	Local Kernel Feature Analysis (LKFA) for object recognition. Neurocomputing, 2011, 74, 575-579.	3.5	1
179	Study on the BeiHang Keystroke Dynamics Database. , 2011, , .		11
180	FUNDAMENTALS OF EDGE-BASED FACE RECOGNITION. , 2011, , 73-106.		0

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181	General Retinal Vessel Segmentation Using Regularization-Based Multiconcavity Modeling. IEEE Transactions on Medical Imaging, 2010, 29, 1369-1381.	5.4	232
182	Recognizing face profiles in the presence of hairs/glasses interferences. , 2010, , .		1
183	A Novel Pose Invariant Face Recognition Approach Using a 2D-3D Searching Strategy. , 2010, , .		6
184	High-Order Circular Derivative Pattern for Image Representation and Recognition. , 2010, , .		1
185	Gender Classification Using Interlaced Derivative Patterns. , 2010, , .		25
186	Pose-invariant 2.5D face recognition using Geodesic Texture Warping. , 2010, , .		13
187	Primitive-based 3D structure inference from a single 2D image for insect modeling: Towards an electronic field guide for insect identification. , 2010, , .		5
188	Local Derivative Pattern Versus Local Binary Pattern: Face Recognition With High-Order Local Pattern Descriptor. IEEE Transactions on Image Processing, 2010, 19, 533-544.	6.0	885
189	Expression-Invariant 3D Face Recognition Using Patched Geodesic Texture Transform. , 2010, , .		1
190	Performance Evaluation of Micropattern Representation on Gabor Features for Face Recognition. , 2010, , .		2
191	Face Localization Using an Effective Co-evolutionary Genetic Algorithm. , 2010, , .		1
192	Colour Adjustment and Specular Removal for Non-uniform Shape from Shading. , 2010, , .		2
193	Recognizing Partially Occluded Faces from a Single Sample Per Class Using String-Based Matching. Lecture Notes in Computer Science, 2010, , 496-509.	1.0	27
194	Recognition of expression variant faces from one sample image per enrolled subject. , 2009, , .		7
195	Generalised ambient reflection models for Lambertian and Phong surfaces. , 2009, , .		0
196	Gabor feature constrained statistical model for efficient landmark localization and face recognition. Pattern Recognition Letters, 2009, 30, 922-930.	2.6	14
197	Face recognition across pose: A review. Pattern Recognition, 2009, 42, 2876-2896.	5.1	410
198	Optimizing Sharpness Measure for Bright Lesion Detection in Retinal Image Analysis. , 2009, , .		0

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199	Textural Hausdorff Distance for wider-range tolerance to pose variation and misalignment in 2D face recognition. , 2009, , .		0
200	Face recognition using adaptively weighted patch PZM array from a single exemplar image per person. Pattern Recognition, 2008, 41, 3799-3812.	5.1	63
201	Recognizing Rotated Faces From Frontal and Side Views: An Approach Toward Effective Use of Mugshot Databases. IEEE Transactions on Information Forensics and Security, 2008, 3, 684-697.	4.5	49
202	Sobel-LBP. , 2008, , .		45
203	Significant jet point for facial image representation and recognition. , 2008, , .		4
204	A Performance Evaluation of Shape and Texture Based Methods for Vein Recognition. , 2008, , .		23
205	Face recognition based on Gradient Gabor feature. , 2008, , .		2
206	Minutiae-based Fingerprint Alignment Using Phase Correlation. , 2008, , 193-198.		1
207	Automated Face Pose Estimation Using Elastic Energy Models. , 2006, , .		14
208	Line-Based Affine Invariant Object Location Using Transformation Space Decomposition. , 2006, , .		2
209	Recognizing Rotated Faces from Two Orthogonal Views in Mugshot Databases. , 2006, , .		4
210	On transforming statistical models for non-frontal face verification. Pattern Recognition, 2006, 39, 288-302.	5.1	49
211	Face Recognition by Combining Kernel Associative Memory and Gabor Transforms. , 2006, , .		1
212	Automatic Texture Synthesis for Face Recognition from Single Views. , 2006, , .		5
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