

# Yongsheng Gao

## List of Publications by Year in Descending Order

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

181  
papers

3,491  
citations

25  
h-index

54  
g-index

229  
ext. papers

4,354  
ext. citations

4.2  
avg, IF

5.76  
L-index

#	Paper	IF	Citations
181	A linearized optical single-sideband modulation RoF link with tunable optical carrier-to-sideband ratio. <i>Optics Communications</i> , <b>2022</b> , 511, 127991	2	0
180	Learning discriminative region representation for person retrieval. <i>Pattern Recognition</i> , <b>2022</b> , 121, 1082297	2.9	2
179	A dual-channel microwave photonic mixer with large dynamic range. <i>Optik</i> , <b>2022</b> , 262, 169327	2.5	0
178	An Ultraefficient Broadband Photonic Channelizer Based on Polarization-Division Multiplexing and Integrated Dual-Polarization Coherent Detection Receiver. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 1-1	4.1	1
177	Parameter-Efficient Deep Neural Networks With Bilinear Projections. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 4075-4085	10.3	2
176	Localized Surface Plasmon Enhanced Laser Reduction of Graphene Oxide for Wearable Strain Sensor. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2001191	6.8	5
175	RF Self-Interference Cancellation for Radio-Over-Fiber Link Based on Dual Phase Modulation in Sagnac Loop. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-15	1.8	3
174	Wideband microwave Doppler frequency shift measurement based on acousto-optic frequency shift and DP-QPSK receiver. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2021</b> , 178, 109388	4.6	0
173	Shape prior model via dual subspace segment projection learning. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 200, 105760	6.9	0
172	Robust Tensor Decomposition for Image Representation Based on Generalized Correntropy. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 150-162	8.7	1
171	Dual subspace discriminative projection learning. <i>Pattern Recognition</i> , <b>2021</b> , 111, 107581	7.7	7
170	Linearity optimization of multi-octave analog photonic links based on power weighting, polarization multiplexing and bias control. <i>Optics Express</i> , <b>2021</b> , 29, 2077-2089	3.3	2
169	. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-9	5.2	1
168	Exploring Chromatic Aberration and Defocus Blur for Relative Depth Estimation From Monocular Hyperspectral Image. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 4357-4370	8.7	1
167	Analog radio-over-fiber links with a high SFDR for passive distributed antenna system applications using Lagrange multiplier optimization. <i>Optics Letters</i> , <b>2021</b> , 46, 596-599	3	0
166	Synthetic microbleeds generation for classifier training without ground truth. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 207, 106127	6.9	1
165	Composite description based on color vector quantization and visual primary features for CBIR tasks. <i>Multimedia Tools and Applications</i> , <b>2021</b> , 80, 33409	2.5	2

164	Learning deep part-aware embedding for person retrieval. <i>Pattern Recognition</i> , <b>2021</b> , 116, 107938	7.7	4
163	Quasi-solid-state self-assembly of 1D-branched ZnSe/ZnS quantum rods into parallel monorail-like continuous films for solar devices. <i>Nano Energy</i> , <b>2021</b> , 89, 106348	17.1	2
162	MaskCOV: A random mask covariance network for ultra-fine-grained visual categorization. <i>Pattern Recognition</i> , <b>2021</b> , 119, 108067	7.7	7
161	A unified weight learning and low-rank regression model for robust complex error modeling. <i>Pattern Recognition</i> , <b>2021</b> , 120, 108147	7.7	2
160	Development of a Microfluidic Droplet-Based Microbioreactor for Microbial Cultivation. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 3630-3637	5.5	5
159	Laser induced self-N-doped porous graphene as an electrochemical biosensor for femtomolar miRNA detection. <i>Carbon</i> , <b>2020</b> , 163, 385-394	10.4	56
158	Double Graph Regularized Double Dictionary Learning for Image Classification. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , 29, 7707-7721	8.7	7
157	An Ultra-Wideband Microwave Photonic Channelized Receiver with Zero-IF Architecture. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 30	2.6	5
156	Inverse Coefficient of Variation Feature and Multilevel Fusion Technique for Hyperspectral and LiDAR Data Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 367-381	4.7	14
155	A Novel Line Integral Transform for 2D Affine-Invariant Shape Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 596-611	0.9	
154	A Local Flow Phase Stretch Transform for Robust Retinal Vessel Detection. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 251-261	0.9	1
153	Quadratic Tensor Anisotropy Measures for Reliable Curvilinear Pattern Detection. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 139-150	0.9	1
152	60 GHz photonic microwave Doppler frequency shift measurement based on polarization multiplexing modulation and I/Q balanced detection. <i>Optics Communications</i> , <b>2020</b> , 456, 124579	2	9
151	MobileFAN: Transferring deep hidden representation for face alignment. <i>Pattern Recognition</i> , <b>2020</b> , 100, 107114	7.7	14
150	Wideband Dual-Channel Photonic RF Repeater Based on Polarization Division Multiplexing Modulation and Polarization Control. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 1275-1285	4	2
149	A robust matching pursuit algorithm using information theoretic learning. <i>Pattern Recognition</i> , <b>2020</b> , 107, 107415	7.7	3
148	. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 5962-5972	4	8
147	Suppression of third-order intermodulation distortion in analog photonic link based on an integrated polarization division multiplexing Mach-Zehnder modulator. <i>Optics Communications</i> , <b>2020</b> , 475, 126253	2	2

146	Laser induced graphene for biosensors. <i>Sustainable Materials and Technologies</i> , <b>2020</b> , 25, e00205	5.3	19
145	Fast Corner Detection Using Approximate Form of Second-Order Gaussian Directional Derivative. <i>IEEE Access</i> , <b>2020</b> , 8, 194092-194104	3.5	2
144	An Ultra-Wideband Microwave Photonic Channelizer Based on Coherent Optical Frequency Combs and Image-Reject Down-Conversion. <i>IEEE Access</i> , <b>2020</b> , 8, 213115-213121	3.5	0
143	From species to cultivar: Soybean cultivar recognition using joint leaf image patterns by multiscale sliding chord matching. <i>Biosystems Engineering</i> , <b>2020</b> , 194, 99-111	4.8	8
142	Contour Covariance: A Fast Descriptor for Classification <b>2019</b> ,		5
141	Multiscale Contour Steered Region Integral and Its Application for Cultivar Classification. <i>IEEE Access</i> , <b>2019</b> , 7, 69087-69100	3.5	6
140	Wideband photonic microwave channelization and image-reject down-conversion. <i>Optics Communications</i> , <b>2019</b> , 445, 41-49	2	7
139	ST-CNN: Spatial-Temporal Convolutional Neural Network for crowd counting in videos. <i>Pattern Recognition Letters</i> , <b>2019</b> , 125, 113-118	4.7	20
138	Chord Bunch Walks for Recognizing Naturally Self-Overlapped and Compound Leaves. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> , 28, 5963-5976	8.7	4
137	Learning discriminative subregions and pattern orders for facial gender classification. <i>Image and Vision Computing</i> , <b>2019</b> , 89, 144-157	3.7	1
136	A Novel Multi-scale Invariant Descriptor Based on Contour and Texture for Shape Recognition. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 551-564	0.9	
135	Automatic Estimation of Soil Biochar Quantity via Hyperspectral Imaging <b>2019</b> , 1608-1635		
134	<b>2019</b> ,		1
133	Conditional Random Field and Deep Feature Learning for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 1612-1628	8.1	38
132	All-optical and broadband microwave fundamental/sub-harmonic I/Q down-converters. <i>Optics Express</i> , <b>2018</b> , 26, 7336-7350	3.3	21
131	Fundamental/Subharmonic Photonic Microwave I/Q Up-Converter for Single Sideband and Vector Signal Generation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2018</b> , 66, 4282-4292	4.1	17
130	Multi-octave analog photonic link with improved second- and third-order SFDRs. <i>Optics Communications</i> , <b>2018</b> , 410, 685-689	2	14
129	Generative Adversarial Product Quantisation <b>2018</b> ,		2

128	Fusion of Hyperspectral and LiDAR Data Using Discriminant Correlation Analysis for Land Cover Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 3905-3917	4.7	11
127	Few-Example Affine Invariant Ear Detection in the Wild. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 248-257.9		
126	Data Augmentation Using Synthetic Lesions Improves Machine Learning Detection of Microbleeds from MRI. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 12-19	0.9	4
125	Photonic Microwave and mm-Wave Mixer for Multichannel Fiber Transmission. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 1566-1574	4	18
124	Analog Photonic Link With Tunable Optical Carrier to Sideband Ratio and Balanced Detection. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-10	1.8	12
123	Photonic frequency sextupling scheme based on two intensity modulators and a Sagnac loop. <i>Microwave and Optical Technology Letters</i> , <b>2017</b> , 59, 853-857	1.2	1
122	Dynamic Texture Comparison Using Derivative Sparse Representation: Application to Video-Based Face Recognition. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2017</b> , 47, 970-982	4.1	16
121	Ultra-Wideband Photonic Microwave I/Q Mixer for Zero-IF Receiver. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2017</b> , 65, 4513-4525	4.1	24
120	A simplified filterless photonic frequency octupling scheme based on cascaded modulators. <i>Journal of Modern Optics</i> , <b>2017</b> , 64, 861-865	1.1	1
119	A novel method to realize optical single sideband modulation with tunable optical carrier to sideband ratio. <i>Microwave and Optical Technology Letters</i> , <b>2017</b> , 59, 1740-1743	1.2	8
118	Wideband Doppler Frequency Shift Measurement and Direction Discrimination Based on a DPMZM. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-8	1.8	12
117	Large Bandwidth Photonic Microwave Image Rejection Mixer With High Conversion Efficiency. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-8	1.8	7
116	On the Sampling Strategy for Evaluation of Spectral-Spatial Methods in Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 862-880	8.1	81
115	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2017</b> , 10, 1575-1588	4.7	33
114	Robust Image Classification via Low-Rank Double Dictionary Learning. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 316-328	0.9	0
113	Sparse 3D directional vertices vs continuous 3D curves: Efficient 3D surface matching and its application for single model face recognition. <i>Pattern Recognition</i> , <b>2017</b> , 65, 296-306	7.7	13
112	Photonic Doppler frequency shift measurement based on a dual-polarization modulator. <i>Applied Optics</i> , <b>2017</b> , 56, 2084-2089	0.2	20
111	All-optical, ultra-wideband microwave I/Q mixer and image-reject frequency down-converter. <i>Optics Letters</i> , <b>2017</b> , 42, 1105-1108	3	35

110	Wideband photonic RF transceiver with zero-if architecture <b>2017</b> ,		3
109	Tunable frequency-doubled optoelectronic oscillator based on a phase modulator in a Sagnac loop. <i>Optik</i> , <b>2017</b> , 145, 617-622	2.5	5
108	Filterless frequency-octupling mm-wave generation by cascading Sagnac loop and DPMZM. <i>Optics and Laser Technology</i> , <b>2017</b> , 97, 229-233	4.2	4
107	Wideband Photonic Microwave SSB Up-Converter and I/Q Modulator. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 4023-4032	4	15
106	Retinal Vessel Segmentation Using Matched Filter with Joint Relative Entropy. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 228-239	0.9	6
105	Low-rank double dictionary learning from corrupted data for robust image classification. <i>Pattern Recognition</i> , <b>2017</b> , 72, 419-432	7.7	16
104	Robust Facial Landmark Localization Using LBP Histogram Correlation Based Initialization <b>2017</b> ,		3
103	Exploring Structural Consistency in Graph Regularized Joint Spectral-Spatial Sparse Coding for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2017</b> , 10, 1151-1164	4.7	4
102	A tunable and wideband microwave photonic phase shifter based on dual-polarization modulator. <i>Optics Communications</i> , <b>2017</b> , 382, 377-380	2	11
101	Surface geodesic pattern for 3D deformable texture matching. <i>Pattern Recognition</i> , <b>2017</b> , 62, 21-32	7.7	13
100	Combining Unmixing and Deep Feature Learning for Hyperspectral Image Classification <b>2017</b> ,		4
99	Can Walking and Measuring Along Chord Bunches Better Describe Leaf Shapes? <b>2017</b> ,		10
98	Generation of Triangular-Shaped Waveform With Frequency Doubling. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 1599-1602	2.2	9
97	Photonic microwave waveform generation based on phase modulation and tunable dispersion. <i>Optics Express</i> , <b>2016</b> , 24, 12524-33	3.3	25
96	3D face recognition under partial occlusions using radial strings <b>2016</b> ,		6
95	Structure Integral Transform Versus Radon Transform: A 2D Mathematical Tool for Invariant Shape Recognition. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 5635-5648	8.7	9
94	A Photonic Technique for Instantaneous Microwave Frequency Measurement Utilizing a Phase Modulator. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 2795-2798	2.2	12
93	Photonic versatile waveform generation based on phase modulation in Sagnac loop. <i>Electronics Letters</i> , <b>2016</b> , 52, 550-551	1.1	4

92	Efficient Photonic Microwave Mixer With Compensation of the Chromatic Dispersion-Induced Power Fading. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 3440-3448	4	20
91	Face recognition using linear representation ensembles. <i>Pattern Recognition</i> , <b>2016</b> , 59, 72-87	7.7	13
90	Photonic Generation of Triangular Pulses Based on Phase Modulation and Spectrum Manipulation. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-9	1.8	22
89	Photonic microwave frequency measurement with a tunable range based on a dual-polarization modulator. <i>Applied Optics</i> , <b>2016</b> , 55, 8727-8731	0.2	10
88	Simultaneously photonic frequency downconversion, multichannel phase shifting, and IQ demodulation for wideband microwave signals. <i>Optics Letters</i> , <b>2016</b> , 41, 4484-4487	3	38
87	. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-9	1.8	14
86	Affine Invariant Point-Set Matching Using Convex Hull Bisection <b>2016</b> ,		2
85	Boosting Radial Strings for 3D Face Recognition with Expressions and Occlusions <b>2016</b> ,		3
84	Multiscale Crossing Representation Using Combined Feature of Contour and Venation for Leaf Image Identification <b>2016</b> ,		3
83	Discriminative dictionary pair learning from partially labeled data <b>2016</b> ,		2
82	Automated Image Analysis on Insect Soups <b>2016</b> ,		3
81	Photonic Generation of Binary and Quaternary Phase-Coded Microwave Waveforms With Frequency Quadrupling. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-8	1.8	8
80	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2016</b> , 54, 6531-6544	8.1	38
79	Tensor morphological profile for hyperspectral image classification <b>2016</b> ,		5
78	Linearization of an analog photonic link based on chirp modulation and fiber dispersion. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 035705	1.7	8
77	A microwave photonic link with high spurious-free dynamic range based on a parallel structure. <i>Optoelectronics Letters</i> , <b>2015</b> , 11, 137-140	0.7	7
76	3D Reconstruction from Hyperspectral Images <b>2015</b> ,		12
75	Photonic Microwave Generation With Frequency Octupling Based on a DP-QPSK Modulator. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 2260-2263	2.2	18

74	3D local derivative pattern for hyperspectral face recognition <b>2015</b> ,		6
73	Compensation of the Dispersion-Induced Power Fading in an Analog Photonic Link Based on PMDM Conversion in a Sagnac Loop. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 2899-2904	4	39
72	Microwave generation with photonic frequency octupling using a DPMZM in a Sagnac loop. <i>Journal of Modern Optics</i> , <b>2015</b> , 62, 1291-1296	1.1	11
71	Efficient subgraph matching using topological node feature constraints. <i>Pattern Recognition</i> , <b>2015</b> , 48, 317-330	7.7	10
70	Linearization of an intensity-modulated analog photonic link using an FBG and a dispersive fiber. <i>Optics Communications</i> , <b>2015</b> , 338, 1-6	2	9
69	MARCH: Multiscale-arch-height description for mobile retrieval of leaf images. <i>Information Sciences</i> , <b>2015</b> , 302, 132-148	7.7	59
68	Leaf image retrieval using combined feature of vein and contour <b>2015</b> ,		1
67	Multiple graph regularized NMF for hyperspectral unmixing <b>2015</b> ,		5
66	On the sampling strategies for evaluation of joint spectral-spatial information based classifiers <b>2015</b> ,		5
65	Relative Depth Estimation from Hyperspectral Data <b>2015</b> ,		2
64	An Analog Photonic Link With Compensation of Dispersion-Induced Power Fading. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 1301-1304	2.2	16
63	Microwave Generation With Photonic Frequency Sextupling Based on Cascaded Modulators. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 1199-1202	2.2	33
62	Hierarchical String Cuts: A Translation, Rotation, Scale and Mirror Invariant Descriptor for Fast Shape Retrieval. <i>IEEE Transactions on Image Processing</i> , <b>2014</b> , 23, 4101-4111	8.7	52
61	A flat and broadband optical frequency comb with tunable bandwidth and frequency spacing. <i>Optics Communications</i> , <b>2014</b> , 331, 262-266	2	18
60	An efficient photonic mixer with frequency doubling based on a dual-parallel MZM. <i>Optics Communications</i> , <b>2014</b> , 321, 11-15	2	36
59	Polygonal approximation using integer particle swarm optimization. <i>Information Sciences</i> , <b>2014</b> , 278, 311-326	7.7	7
58	Face Recognition Using 3D Directional Corner Points <b>2014</b> ,		1
57	Dual Graph Regularized NMF for Hyperspectral Unmixing <b>2014</b> ,		16



56	Soil Biochar Quantification via Hyperspectral Unmixing <b>2013</b> ,		2
55	Face recognition using ensemble string matching. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 4798-808		20
54	Mobile plant leaf identification using smart-phones <b>2013</b> ,		9
53	Matching non-aligned objects using a relational string-graph <b>2013</b> ,		1
52	Fast and Effective Retrieval of Plant Leaf Shapes. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 475-486	0.9	2
51	A Unified Framework for Strengthening Topological Node Features and Its Application to Subgraph Isomorphism Detection. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 11-20	0.9	5
50	An Audiovisual Wireless Field Guide <b>2013</b> , 631-641		1
49	2.5D face recognition using Patch Geodesic Moments. <i>Pattern Recognition</i> , <b>2012</b> , 45, 969-982	7.7	24
48	Heterogeneous Specular and Diffuse 3-D Surface Approximation for Face Recognition Across Pose. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2012</b> , 7, 506-517	8	15
47	Recognition of driving postures by multiwavelet transform and multilayer perceptron classifier. <i>Engineering Applications of Artificial Intelligence</i> , <b>2012</b> , 25, 1677-1686	7.2	29
46	Spectral Regression dimension reduction for multiple features facial image retrieval. <i>International Journal of Biometrics</i> , <b>2012</b> , 4, 77	0.4	2
45	Parametric Manifold of an Object under Different Viewing Directions. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 186-199	0.9	2
44	Kernel Similarity Modeling of Texture Pattern Flow for Motion Detection in Complex Background. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2011</b> , 21, 29-38	6.4	22
43	3D Face Recognition Using Geodesic PZM Array from a Single Model per Person. <i>IEICE Transactions on Information and Systems</i> , <b>2011</b> , E94-D, 1488-1496	0.6	
42	Local Kernel Feature Analysis (LKFA) for object recognition. <i>Neurocomputing</i> , <b>2011</b> , 74, 575-579	5.4	1
41	Fast Kernel Sparse Representation <b>2011</b> ,		11
40	Study on the BeiHang Keystroke Dynamics Database <b>2011</b> ,		2
39	A Novel Pose Invariant Face Recognition Approach Using a 2D-3D Searching Strategy <b>2010</b> ,		2

38	High-Order Circular Derivative Pattern for Image Representation and Recognition <b>2010</b> ,		1
37	Gender Classification Using Interlaced Derivative Patterns <b>2010</b> ,		16
36	Pose-invariant 2.5D face recognition using Geodesic Texture Warping <b>2010</b> ,		12
35	Primitive-based 3D structure inference from a single 2D image for insect modeling: Towards an electronic field guide for insect identification <b>2010</b> ,		4
34	Local derivative pattern versus local binary pattern: face recognition with high-order local pattern descriptor. <i>IEEE Transactions on Image Processing</i> , <b>2010</b> , 19, 533-44	8.7	665
33	<b>2010</b> ,		1
32	Colour Adjustment and Specular Removal for Non-uniform Shape from Shading <b>2010</b> ,		1
31	General retinal vessel segmentation using regularization-based multiconcavity modeling. <i>IEEE Transactions on Medical Imaging</i> , <b>2010</b> , 29, 1369-81	11.7	174
30	Recognizing Partially Occluded Faces from a Single Sample Per Class Using String-Based Matching. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 496-509	0.9	16
29	Recognition of expression variant faces from one sample image per enrolled subject <b>2009</b> ,		5
28	Gabor feature constrained statistical model for efficient landmark localization and face recognition. <i>Pattern Recognition Letters</i> , <b>2009</b> , 30, 922-930	4.7	13
27	Face recognition across pose: A review. <i>Pattern Recognition</i> , <b>2009</b> , 42, 2876-2896	7.7	310
26	Recognizing Rotated Faces From Frontal and Side Views: An Approach Toward Effective Use of Mugshot Databases. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2008</b> , 3, 684-697	8	35
25	Sobel-LBP <b>2008</b> ,		35
24	Significant jet point for facial image representation and recognition <b>2008</b> ,		4
23	A Performance Evaluation of Shape and Texture Based Methods for Vein Recognition <b>2008</b> ,		17
22	Face recognition based on Gradient Gabor feature <b>2008</b> ,		1
21	Face recognition using adaptively weighted patch PZM array from a single exemplar image per person. <i>Pattern Recognition</i> , <b>2008</b> , 41, 3799-3812	7.7	58

20	Minutiae-based Fingerprint Alignment Using Phase Correlation <b>2008</b> , 193-198		
19	On transforming statistical models for non-frontal face verification. <i>Pattern Recognition</i> , <b>2006</b> , 39, 288-307	4.2	
18	Automatic Texture Synthesis for Face Recognition from Single Views <b>2006</b> ,		2
17	Automated Face Pose Estimation Using Elastic Energy Models <b>2006</b> ,		7
16	Recognizing Rotated Faces from Two Orthogonal Views in Mugshot Databases <b>2006</b> ,		2
15	Robust Face Recognition by Hierarchical Kernel Associative Memory Models Based on Spatial Domain Gabor Transforms. <i>Journal of Multimedia</i> , <b>2006</b> , 1,		5
14	Robust visual similarity retrieval in single model face databases. <i>Pattern Recognition</i> , <b>2005</b> , 38, 1009-1020.	7	81
13	Noisy logo recognition using line segment Hausdorff distance. <i>Pattern Recognition</i> , <b>2003</b> , 36, 943-955	7.7	68
12	Facial expression recognition from line-based caricatures. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2003</b> , 33, 407-412		60
11	A multiview facial analysis technique for identity authentication. <i>IEEE Pervasive Computing</i> , <b>2003</b> , 2, 38-45.	3	8
10	Human face profile recognition using attributed string. <i>Pattern Recognition</i> , <b>2002</b> , 35, 353-360	7.7	22
9	Line segment Hausdorff distance on face matching. <i>Pattern Recognition</i> , <b>2002</b> , 35, 361-371	7.7	49
8	COMBINED CLASSIFICATION OF MULTIPLE VIEWS USING FACIAL CORNERS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2002</b> , 16, 589-602	1.1	2
7	Face recognition using line edge map. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2002</b> , 24, 764-779	13.3	262
6	Multilevel Quadratic Variation Minimization for 3D Face Modeling and Virtual View Synthesis		5
5	Feature-level fusion in personal identification		1
4	3D Modeling for Environmental Informatics. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 199-218	0.4	
3	Automatic Estimation of Soil Biochar Quantity via Hyperspectral Imaging. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 220-247	0.4	

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