

# Yuhui Zheng

## List of Publications by Year in descending order

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93  
papers

2,151  
citations

236925

25  
h-index

254184

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g-index

94  
all docs

94  
docs citations

94  
times ranked

1846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress on Generative Adversarial Networks (GANs): A Survey. IEEE Access, 2019, 7, 36322-36333.	4.2	375
2	Spectral-Spatial Feature Tokenization Transformer for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	172
3	Multiview Learning With Robust Double-Sided Twin SVM. IEEE Transactions on Cybernetics, 2022, 52, 12745-12758.	9.5	95
4	Low Rank Component Induced Spatial-Spectral Kernel Method for Hyperspectral Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3829-3842.	8.3	74
5	A Serial Image Copy-Move Forgery Localization Scheme With Source/Target Distinguishment. IEEE Transactions on Multimedia, 2021, 23, 3506-3517.	7.2	57
6	Few-shot learning for short text classification. Multimedia Tools and Applications, 2018, 77, 29799-29810.	3.9	55
7	A Robust GAN-Generated Face Detection Method Based on Dual-Color Spaces and an Improved Xception. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3527-3538.	8.3	54
8	Hyperspectral Image Restoration Using Low-Rank Representation on Spectral Difference Image. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1151-1155.	3.1	52
9	Deep High-Resolution Representation Learning for Cross-Resolution Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 8913-8925.	9.8	52
10	TSLRLN: Tensor subspace low-rank learning with non-local prior for hyperspectral image mixed denoising. Signal Processing, 2021, 184, 108060.	3.7	46
11	Robust visual tracking via self-similarity learning. Electronics Letters, 2017, 53, 20-22.	1.0	44
12	SPANet: Successive Pooling Attention Network for Semantic Segmentation of Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4045-4057.	4.9	41
13	A luminescent lanthanide complex-based anion sensor with electron-donating methoxy groups for monitoring multiple anions in environmental and biological processes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 387-394.	3.9	38
14	Quaternion discrete fractional random transform for color image adaptive watermarking. Multimedia Tools and Applications, 2018, 77, 20809-20837.	3.9	37
15	Dynamic dictionary optimization for sparse-representation-based face classification using local difference images. Information Sciences, 2017, 393, 1-14.	6.9	34
16	Fast Superpixel Based Subspace Low Rank Learning Method for Hyperspectral Denoising. IEEE Access, 2018, 6, 12031-12043.	4.2	34
17	Efficient and visual monitoring of cerium (III) ions by green-fluorescent carbon dots and paper-based sensing. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 240-245.	3.9	33
18	Illumination Unification for Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6766-6777.	8.3	33

#	ARTICLE	IF	CITATIONS
19	Student's t-Hidden Markov Model for Unsupervised Learning Using Localized Feature Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2586-2598.	8.3	32
20	A Novel Light-Weight Subjective Trust Inference Framework in MANETs. IEEE Transactions on Sustainable Computing, 2020, 5, 236-248.	3.1	31
21	Optimal discriminative feature and dictionary learning for image set classification. Information Sciences, 2021, 547, 498-513.	6.9	30
22	Automatic segmentation for brain MR images via a convex optimized segmentation and bias field correction coupled model. Magnetic Resonance Imaging, 2014, 32, 941-955.	1.8	29
23	A Novel Weighted Cross Total Variation Method for Hyperspectral Image Mixed Denoising. IEEE Access, 2017, 5, 27172-27188.	4.2	27
24	SLRL4D: Joint Restoration of Subspace Low-Rank Learning and Non-Local 4-D Transform Filtering for Hyperspectral Image. Remote Sensing, 2020, 12, 2979.	4.0	26
25	Dual-target optical sensors assembled by lanthanide complex incorporated sol-gel-derived polymeric films. Journal of Sol-Gel Science and Technology, 2016, 78, 606-612.	2.4	25
26	Fluorometric determination of dopamine by using a terbium (III) inorganic-organic network. Mikrochimica Acta, 2017, 184, 2275-2280.	5.0	25
27	Biocompatible Nanoplatfrom Based on Mussel Adhesive Chemistry: Effective Assembly, Dual Mode Sensing, and Cellular Imaging Performance. Advanced Materials Interfaces, 2019, 6, 1900732.	3.7	25
28	Deep Co-Image-Label Hashing for Multi-Label Image Retrieval. IEEE Transactions on Multimedia, 2022, 24, 1116-1126.	7.2	25
29	Hyperspectral-Multispectral Image Fusion via Tensor Ring and Subspace Decompositions. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8823-8837.	4.9	24
30	Spatially Regularized Structural Support Vector Machine for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3024-3034.	11.3	23
31	Adaptively determining regularisation parameters in non-local total variation regularisation for image denoising. Electronics Letters, 2015, 51, 144-145.	1.0	22
32	A Novel Brain Tumor Segmentation from Multi-Modality MRI via A Level-Set-Based Model. Journal of Signal Processing Systems, 2017, 87, 249-257.	2.1	21
33	Optical detection of anthrax biomarkers in an aqueous medium: the combination of carbon quantum dots and europium ions within alginate hydrogels. Journal of Materials Science, 2019, 54, 2526-2534.	3.7	21
34	Effective fuzzy clustering algorithm with Bayesian model and mean template for image segmentation. IET Image Processing, 2014, 8, 571-581.	2.5	20
35	Non-local-based spatially constrained hierarchical fuzzy means method for brain magnetic resonance imaging segmentation. IET Image Processing, 2016, 10, 865-876.	2.5	19
36	Tunable photoluminescence studies based on blue-emissive carbon dots and sequential determination of Fe(III) and pyrophosphate ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117231.	3.9	19

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37	Optimal Discriminative Projection for Sparse Representation-Based Classification via Bilevel Optimization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020, 30, 1065-1077.	8.3	17
38	Efficient data integrity auditing for storage security in mobile health cloud. <i>Peer-to-Peer Networking and Applications</i> , 2016, 9, 854-863.	3.9	16
39	Efficient algorithm for piecewise-smooth model with approximately explicit solutions. <i>Electronics Letters</i> , 2017, 53, 233-235.	1.0	15
40	Spatiotemporal Fusion of Satellite Images via Very Deep Convolutional Networks. <i>Remote Sensing</i> , 2019, 11, 2701.	4.0	15
41	JSNet: A simulation network of JPEG lossy compression and restoration for robust image watermarking against JPEG attack. <i>Computer Vision and Image Understanding</i> , 2020, 197-198, 103015.	4.7	15
42	Sol-gel Electrolytes Incorporated by Lanthanide Luminescent Materials and Their Photophysical Properties. <i>Journal of Electronic Materials</i> , 2017, 46, 5895-5900.	2.2	14
43	Fluorescence Sensing Behavior for the Detection of Alcoholic Strength and Water Based on Two Novel Metallic Complex Edifices. <i>Journal of Fluorescence</i> , 2018, 28, 1269-1273.	2.5	14
44	Structural and optical features of lanthanide species-derived functional hydrogels. <i>Soft Materials</i> , 2019, 17, 350-358.	1.7	14
45	Sparse Unmixing for Hyperspectral Image with Nonlocal Low-Rank Prior. <i>Remote Sensing</i> , 2019, 11, 2897.	4.0	13
46	Visual Tracking via Auto-Encoder Pair Correlation Filter. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 3288-3297.	7.9	13
47	Hyperspectral restoration employing low rank and 3D total variation regularization. , 2016, , .		12
48	Robust generative asymmetric GMM for brain MR image segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 151, 123-138.	4.7	12
49	Dynamically Spatiotemporal Regularized Correlation Tracking. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 31, 1-12.	11.3	12
50	MMP-Net: A Multi-Scale Feature Multiple Parallel Fusion Network for Single Image Haze Removal. <i>IEEE Access</i> , 2020, 8, 25431-25441.	4.2	12
51	Reference-Aided Part-Aligned Feature Disentangling for Video Person Re-Identification. , 2021, , .		11
52	Controllable synthesis of novel luminescent CuFeS <sub>2</sub> quantum dots with magnetic properties and cation sensing features. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	10
53	Image segmentation using a hierarchical student's-t mixture model. <i>IET Image Processing</i> , 2017, 11, 1094-1102.	2.5	9
54	Gaussian mixture model learning based image denoising method with adaptive regularization parameters. <i>Multimedia Tools and Applications</i> , 2017, 76, 11471-11483.	3.9	8

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55	Study of a water-soluble fluorescent sensor based on the Eu(III) pefloxacin complex. Luminescence, 2017, 32, 382-386.	2.9	8
56	A Multi-Scale Learning Local Phase and Amplitude Blind Image Quality Assessment for Multiply Distorted Images. IEEE Access, 2018, 6, 64577-64586.	4.2	8
57	Detecting Aligned Double JPEG Compressed Color Image With Same Quantization Matrix Based on the Stability of Image. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4065-4080.	8.3	8
58	Multi-Task Convolution Operators With Object Detection for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8204-8216.	8.3	8
59	A Rough Set Bounded Spatially Constrained Asymmetric Gaussian Mixture Model for Image Segmentation. PLoS ONE, 2017, 12, e0168449.	2.5	8
60	Multitask Multisource Deep Correlation Filter for Remote Sensing Data Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3723-3734.	4.9	7
61	Weighted LIC-Based Structure Tensor With Application to Image Content Perception and Processing. IEEE Transactions on Industrial Informatics, 2021, 17, 2250-2260.	11.3	7
62	Two Fast and Robust Modified Gaussian Mixture Models Incorporating Local Spatial Information for Image Segmentation. Journal of Signal Processing Systems, 2015, 81, 45-58.	2.1	6
63	Domain adaptive collaborative representation based classification. Multimedia Tools and Applications, 2019, 78, 30175-30196.	3.9	6
64	Fine-grained-based multi-feature fusion for occluded person re-identification. Journal of Visual Communication and Image Representation, 2022, 87, 103581.	2.8	6
65	Realization of Optical Network Structures for Robust Films through Immobilization of Europium Complexes. Journal of Fluorescence, 2019, 29, 1285-1290.	2.5	5
66	Completely blind image quality assessment via contourlet energy statistics. IET Image Processing, 2021, 15, 443-453.	2.5	5
67	Satellite Video Tracking by Multi-Feature Correlation Filters with Motion Estimation. Remote Sensing, 2022, 14, 2691.	4.0	5
68	Image Denoising Using Asymmetric Gaussian Mixture Models. , 2018, , .		4
69	Selection of regularization parameter in GMM based image denoising method. Multimedia Tools and Applications, 2018, 77, 30121-30134.	3.9	4
70	Fluorescence Determination of Ni <sup>2+</sup> Ions Based on a Novel Nano-Platform Derived from Silicon Quantum Dots. Silicon, 2022, 14, 385-392.	3.3	4
71	Two stages double attention convolutional neural network for crowd counting. Multimedia Tools and Applications, 2020, 79, 29145-29159.	3.9	4
72	Consistency Graph Modeling for Semantic Correspondence. IEEE Transactions on Image Processing, 2021, 30, 4932-4946.	9.8	4

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73	Cross-view kernel collaborative representation classification for person re-identification. <i>Multimedia Tools and Applications</i> , 2021, 80, 20687-20705.	3.9	4
74	Semantic Residual Pyramid Network for Image Inpainting. <i>Information (Switzerland)</i> , 2022, 13, 71.	2.9	4
75	Robust Segmentation Based on Salient Region Detection Coupled Gaussian Mixture Model. <i>Information (Switzerland)</i> , 2022, 13, 98.	2.9	4
76	Study of Specific Interaction between bis(p-phenylene)-34-crown-10-based Substituted Macrocyclic and Ni <sup>2+</sup> . <i>Journal of Fluorescence</i> , 2018, 28, 725-728.	2.5	3
77	Hetero-metal encapsulation induced ratiometric recognition of fluoride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118218.	3.9	3
78	Dynamic Temporal-Spatial Regularization-Based Channel Weight Correlation Filter for Aerial Object Tracking. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	3
79	Pansharpening via Sub-Pixel Convolutional Residual Network. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, , 1-1.	4.9	3
80	Regularizing Subspace Representation for Fusing Hyperspectral and Multispectral Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 12273-12286.	4.9	3
81	Faster MDNet for Visual Object Tracking. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2336.	2.5	3
82	Homogeneous region based low rank representation in hidden field for hyperspectral classification. , 2017, , .		2
83	Robust kernelised correlation filter tracking with least absolute deviations regression. <i>Electronics Letters</i> , 2018, 54, 138-140.	1.0	2
84	Surface modification via 2-thenoyltrifluoroacetone and the photophysical studies. <i>Chemical Papers</i> , 2021, 75, 873-881.	2.2	2
85	Novel lanthanide appended hybrid hydrogel based on water-induced shape memory luminescence. <i>Soft Materials</i> , 2021, 19, 444-451.	1.7	2
86	Hyperspectral unmixing based on L1-L2 sparsity and total variation. , 2016, , .		1
87	Manipulation of novel nano-prodrug composed of organic pigment-based hybrid network and its optical uses. <i>Materials Science and Engineering C</i> , 2017, 70, 9-14.	7.3	1
88	An Expected Patch Log Likelihood Denoising Method Based on Internal and External Image Similarity. , 2018, , .		1
89	Convolutional Neural Network for Pansharpening with Spatial Structure Enhancement Operator. <i>Remote Sensing</i> , 2021, 13, 4062.	4.0	1
90	A novel approach for approving constant image brightness. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
91	Hybrid Additive Multi-watermarking Decoder. , 2012, , .		0
92	Hyperspectral restoration based on total variation regularized low rank decomposition in spectral difference space. , 2018, , .		0
93	Visual Object Tracking Based on Adaptive Background-Awareness and Spatial Constraint. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	0