Yuhui Zheng

List of Publications by Year
in descending order

93 papers	**2,151** citations	236925 **25** h-index	254184 **43** g-index
94 all docs	**94** docs citations	**94** times ranked	**1846** citing authors

#	Article	IF	Citations
1	Fluorescence Determination of Ni2+ Ions Based on a Novel Nano-Platform Derived from Silicon Quantum Dots. Silicon, 2022, 14, 385-392.	3.3	4
2	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
3	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
4	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
5	Dynamic Temporal–Spatial Regularization-Based Channel Weight Correlation Filter for Aerial Object Tracking. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
6	Multiview Learning With Robust Double-Sided Twin SVM. IEEE Transactions on Cybernetics, 2022, 52, 12745-12758.	9.5	95
7	Deep Co-Image-Label Hashing for Multi-Label Image Retrieval. IEEE Transactions on Multimedia, 2022, 24, 1116-1126.	7.2	25
8	Spectral–Spatial Feature Tokenization Transformer for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	172
9	Semantic Residual Pyramid Network for Image Inpainting. Information (Switzerland), 2022, 13, 71.	2.9	4
10	Robust Segmentation Based on Salient Region Detection Coupled Gaussian Mixture Model. Information (Switzerland), 2022, 13, 98.	2.9	4
11	Faster MDNet for Visual Object Tracking. Applied Sciences (Switzerland), 2022, 12, 2336.	2.5	3
12	Illumination Unification for Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6766-6777.	8.3	33
13	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
14	Satellite Video Tracking by Multi-Feature Correlation Filters with Motion Estimation. Remote Sensing, 2022, 14, 2691.	4.0	5
15	Visual Object Tracking Based on Adaptive Background-Awareness and Spatial Constraint. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	0
16	Fine-grained-based multi-feature fusion for occluded person re-identification. Journal of Visual Communication and Image Representation, 2022, 87, 103581.	2.8	6
17	A Serial Image Copy-Move Forgery Localization Scheme With Source/Target Distinguishment. IEEE Transactions on Multimedia, 2021, 23, 3506-3517.	7.2	57
18	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

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19	Optimal discriminative feature and dictionary learning for image set classification. Information Sciences, 2021, 547, 498-513.	6.9	30
20	Surface modification via 2-thenoyltrifluoroacetone and the photophysical studies. Chemical Papers, 2021, 75, 873-881.	2.2	2
21	Consistency Graph Modeling for Semantic Correspondence. IEEE Transactions on Image Processing, 2021, 30, 4932-4946.	9.8	4
22	Cross-view kernel collaborative representation classification for person re-identification. Multimedia Tools and Applications, 2021, 80, 20687-20705.	3.9	4
23	Reference-Aided Part-Aligned Feature Disentangling for Video Person Re-Identification. , 2021, , .		11
24	TSLRLN: Tensor subspace low-rank learning with non-local prior for hyperspectral image mixed denoising. Signal Processing, 2021, 184, 108060.	3.7	46
25	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
26	Completely blind image quality assessment via contourlet energy statistics. IET Image Processing, 2021, 15, 443-453.	2.5	5
27	Novel lanthanide appended hybrid hydrogel based on water-induced shape memory luminescence. Soft Materials, 2021, 19, 444-451.	1.7	2
28	Pansharpening via Sub-Pixel Convolutional Residual Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, , 1-1.	4.9	3
29	Convolutional Neural Network for Pansharpening with Spatial Structure Enhancement Operator. Remote Sensing, 2021, 13, 4062.	4.0	1
30	Deep High-Resolution Representation Learning for Cross-Resolution Person Re-Identification. IEEE Transactions on Image Processing, 2021, 30, 8913-8925.	9.8	52
31	Regularizing Subspace Representation for Fusing Hyperspectral and Multispectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12273-12286.	4.9	3
32	A Novel Light-Weight Subjective Trust Inference Framework in MANETs. IEEE Transactions on Sustainable Computing, 2020, 5, 236-248.	3.1	31
33	Visual Tracking via Auto-Encoder Pair Correlation Filter. IEEE Transactions on Industrial Electronics, 2020, 67, 3288-3297.	7.9	13
34	Optimal Discriminative Projection for Sparse Representation-Based Classification via Bilevel Optimization. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1065-1077.	8.3	17
35	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
36	Two stages double attention convolutional neural network for crowd counting. Multimedia Tools and Applications, 2020, 79, 29145-29159.	3.9	4

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37	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
38	JSNet: A simulation network of JPEG lossy compression and restoration for robust image watermarking against JPEG attack. Computer Vision and Image Understanding, 2020, 197-198, 103015.	4.7	15
39	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
40	MMP-Net: A Multi-Scale Feature Multiple Parallel Fusion Network for Single Image Haze Removal. IEEE Access, 2020, 8, 25431-25441.	4.2	12
41	Hetero-metal encapsulation induced ratiometric recognition of fluoride. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 233, 118218.	3.9	3
42	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
43	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
44	Dynamically Spatiotemporal Regularized Correlation Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	11.3	12
45	Biocompatible Nanoplatform Based on Mussel Adhesive Chemistry: Effective Assembly, Dual Mode Sensing, and Cellular Imaging Performance. Advanced Materials Interfaces, 2019, 6, 1900732.	3.7	25
46	Realization of Optical Network Structures for Robust Films through Immobilization of Europium Complexes. Journal of Fluorescence, 2019, 29, 1285-1290.	2.5	5
47	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
48	Structural and optical features of lanthanide species-derived functional hydrogels. Soft Materials, 2019, 17, 350-358.	1.7	14
49	Recent Progress on Generative Adversarial Networks (GANs): A Survey. IEEE Access, 2019, 7, 36322-36333.	4.2	375
50	Sparse Unmixing for Hyperspectral Image with Nonlocal Low-Rank Prior. Remote Sensing, 2019, 11, 2897.	4.0	13
51	Spatiotemporal Fusion of Satellite Images via Very Deep Convolutional Networks. Remote Sensing, 2019, 11, 2701.	4.0	15
52	Controllable synthesis of novel luminescent CuFeS2 quantum dots with magnetic properties and cation sensing features. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	10
53	Domain adaptive collaborative representation based classification. Multimedia Tools and Applications, 2019, 78, 30175-30196.	3.9	6
54	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

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55	Few-shot learning for short text classification. Multimedia Tools and Applications, 2018, 77, 29799-29810.	3.9	55
56	Robust kernelised correlation filter tracking with least absolute deviations regression. Electronics Letters, 2018, 54, 138-140.	1.0	2
57	Quaternion discrete fractional random transform for color image adaptive watermarking. Multimedia Tools and Applications, 2018, 77, 20809-20837.	3.9	37
58	Fast Superpixel Based Subspace Low Rank Learning Method for Hyperspectral Denoising. IEEE Access, 2018, 6, 12031-12043.	4.2	34
59	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
60	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
61	An Expected Patch Log Likelihood Denoising Method Based on Internal and External Image Similarity. , 2018, , .		1
62	Image Denoising Using Asymmetric Gaussian Mixture Models. , 2018, , .		4
63	Fluorescence Sensing Behavior for the Detection of Alcoholic Strength and Water Based on Two Novel Metallic Complex Edifices. Journal of Fluorescence, 2018, 28, 1269-1273.	2.5	14
64	Selection of regularization parameter in GMM based image denoising method. Multimedia Tools and Applications, 2018, 77, 30121-30134.	3.9	4
65	Hyperspectral restoration based on total variation regularized low rank decomposition in spectral difference space. , 2018, , .		0
66	Study of Specific Interaction between bis(p-phenylene)-34-crown-10-based Substituted Macrocycle and Ni2+. Journal of Fluorescence, 2018, 28, 725-728.	2.5	3
67	Efficient algorithm for piecewise-smooth model with approximately explicit solutions. Electronics Letters, 2017, 53, 233-235.	1.0	15
68	Dynamic dictionary optimization for sparse-representation-based face classification using local difference images. Information Sciences, 2017, 393, 1-14.	6.9	34
69	Hyperspectral Image Restoration Using Low-Rank Representation on Spectral Difference Image. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1151-1155.	3.1	52
70	Fluorometric determination of dopamine by using a terbium (III) inorganic-organic network. Mikrochimica Acta, 2017, 184, 2275-2280.	5.0	25
71	Robust visual tracking via self-similarity learning. Electronics Letters, 2017, 53, 20-22.	1.0	44
72	Gaussian mixture model learning based image denoising method with adaptive regularization parameters. Multimedia Tools and Applications, 2017, 76, 11471-11483.	3.9	8

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73	Robust generative asymmetric GMM for brain MR image segmentation. Computer Methods and Programs in Biomedicine, 2017, 151, 123-138.	4.7	12
74	Sol–Gel Electrolytes Incorporated by Lanthanide Luminescent Materials and Their Photophysical Properties. Journal of Electronic Materials, 2017, 46, 5895-5900.	2.2	14
75	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
76	Manipulation of novel nano-prodrug composed of organic pigment-based hybrid network and its optical uses. Materials Science and Engineering C, 2017, 70, 9-14.	7.3	1
77	Study of a water–soluble fluorescent sensor based on the Eu(III) pefloxacin complex. Luminescence, 2017, 32, 382-386.	2.9	8
78	Image segmentation using a hierarchical student's–t mixture model. IET Image Processing, 2017, 11, 1094-1102.	2.5	9
79	A Novel Weighted Cross Total Variation Method for Hyperspectral Image Mixed Denoising. IEEE Access, 2017, 5, 27172-27188.	4.2	27
80	Homogeneous region based low rank representation in hidden field for hyperspectral classification. , 2017, , .		2
81	A Rough Set Bounded Spatially Constrained Asymmetric Gaussian Mixture Model for Image Segmentation. PLoS ONE, 2017, 12, e0168449.	2.5	8
82	Hyperspectral unmixing based on L1-L2 sparsity and total variation. , 2016, , .		1
83	Non–local–based spatially constrained hierarchical fuzzy <i>C</i> –means method for brain magnetic resonance imaging segmentation. IET Image Processing, 2016, 10, 865-876.	2.5	19
84	Hyperspectral restoration employing low rank and 3D total variation regularization. , 2016, , .		12
85	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
86	Efficient data integrity auditing for storage security in mobile health cloud. Peer-to-Peer Networking and Applications, 2016, 9, 854-863.	3.9	16
87	Adaptively determining regularisation parameters in non–local total variation regularisation for image denoising. Electronics Letters, 2015, 51, 144-145.	1.0	22
88	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
89	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
90	Effective fuzzy clustering algorithm with Bayesian model and mean template for image segmentation. IET Image Processing, 2014, 8, 571-581.	2.5	20

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91	Hybrid Additive Multi-watermarking Decoder. , 2012, , .		0
92	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
93	A novel approach for approving constant image brightness. , 2009, , .		0