

Zhenhua Guo

List of Publications by Year in descending order

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papers

3,326
citations

331259

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docs citations

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times ranked

2653
citing authors

#	ARTICLE	IF	CITATIONS
1	Query2Set: Single-to-Multiple Partial Fingerprint Recognition Based on Attention Mechanism. IEEE Transactions on Information Forensics and Security, 2022, 17, 1243-1253.	4.5	8
2	Unsupervised Deep Pairwise Hashing. Electronics (Switzerland), 2022, 11, 744.	1.8	3
3	A robust context attention network for human hand detection. Expert Systems With Applications, 2022, 208, 118132.	4.4	5
4	A Novel Multicamera System for High-Speed Touchless Palm Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1534-1548.	5.9	24
5	Surface and Internal Fingerprint Reconstruction From Optical Coherence Tomography Through Convolutional Neural Network. IEEE Transactions on Information Forensics and Security, 2021, 16, 685-700.	4.5	24
6	A Scalable Optimization Mechanism for Pairwise Based Discrete Hashing. IEEE Transactions on Image Processing, 2021, 30, 1130-1142.	6.0	10
7	A Joint Super-Resolution and Deformable Registration Network for 3D Brain Images. , 2021, , .		0
8	Loss-Based Attention for Interpreting Image-Level Prediction of Convolutional Neural Networks. IEEE Transactions on Image Processing, 2021, 30, 1662-1675.	6.0	13
9	Dependency-Aware Attention Control for Image Set-Based Face Recognition. IEEE Transactions on Information Forensics and Security, 2020, 15, 1501-1512.	4.5	23
10	A New Approach to External and Internal Fingerprint Registration With Multisensor Difference Minimization. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 363-376.	3.8	13
11	Synchronous Fingerprint Acquisition System Based on Total Internal Reflection and Optical Coherence Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8452-8465.	2.4	26
12	Joint Multiview Feature Learning for Hand-Print Recognition. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9743-9755.	2.4	23
13	Anchor-Based Self-Ensembling for Semi-Supervised Deep Pairwise Hashing. International Journal of Computer Vision, 2020, 128, 2307-2324.	10.9	10
14	Pre-registration of translated/distorted fingerprints based on correlation and the orientation field. Information Sciences, 2020, 520, 292-304.	4.0	4
15	A Flexible Touch-Based Fingerprint Acquisition Device and a Benchmark Database Using Optical Coherence Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6518-6529.	2.4	28
16	Binary Filter for Fast Vessel Pattern Extraction. Neural Processing Letters, 2019, 49, 979-993.	2.0	2
17	Context Attention Module for Human Hand Detection. , 2019, , .		1
18	EKG-based personal recognition using a convolutional neural network. Pattern Recognition Letters, 2019, 125, 668-676.	2.6	23

#	ARTICLE	IF	CITATIONS
19	Similarity mapping for robust face recognition via a single training sample per person. Pattern Recognition Letters, 2019, 128, 459-466.	2.6	4
20	Low-resolution palmprint image denoising by generative adversarial networks. Neurocomputing, 2019, 358, 275-284.	3.5	14
21	An accurate and efficient multi-category edge detection method. Cognitive Systems Research, 2019, 58, 160-172.	1.9	14
22	A non-rigid registration method with application to distorted fingerprint matching. Pattern Recognition, 2019, 95, 48-57.	5.1	22
23	Learning Discriminant Direction Binary Palmprint Descriptor. IEEE Transactions on Image Processing, 2019, 28, 3808-3820.	6.0	73
24	Non-rigid medical image registration using image field in Demons algorithm. Pattern Recognition Letters, 2019, 125, 98-104.	2.6	14
25	Structured orthogonal matching pursuit for feature selection. Neurocomputing, 2019, 349, 164-172.	3.5	8
26	Joint learning for voice based disease detection. Pattern Recognition, 2019, 87, 130-139.	5.1	15
27	Self-learning for face clustering. Pattern Recognition, 2018, 79, 279-289.	5.1	19
28	Learning acoustic features to detect Parkinson's disease. Neurocomputing, 2018, 318, 102-108.	3.5	24
29	Palmprint gender classification by convolutional neural network. IET Computer Vision, 2018, 12, 476-483.	1.3	26
30	Door Knob Hand Recognition System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2870-2881.	5.9	8
31	Active learning via local structure reconstruction. Pattern Recognition Letters, 2017, 92, 81-88.	2.6	10
32	Offline Signature Verification Using Local Features and Decision Trees. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1753001.	0.7	7
33	Sweat glands extraction in optical coherence tomography fingerprints. , 2017, , .		6
34	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2130-2136.	9.7	36
35	Dynamic background estimation and complementary learning for pixel-wise foreground/background segmentation. Pattern Recognition, 2016, 59, 112-125.	5.1	30
36	Robust Texture Image Representation by Scale Selective Local Binary Patterns. IEEE Transactions on Image Processing, 2016, 25, 687-699.	6.0	107

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37	Face recognition using part-based dense sampling local features. Neurocomputing, 2016, 184, 176-187.	3.5	23
38	A Framework of Joint Graph Embedding and Sparse Regression for Dimensionality Reduction. IEEE Transactions on Image Processing, 2015, 24, 1341-1355.	6.0	57
39	Background Subtraction with Dynamic Noise Sampling and Complementary Learning. , 2014, , .		4
40	Face recognition by sparse discriminant analysis via joint L2,1-norm minimization. Pattern Recognition, 2014, 47, 2447-2453.	5.1	139
41	Fusing Local Patterns of Gabor and Non-subsampled Contourlet Transform for Face Recognition. , 2013, , .		6
42	Online joint palmprint and palmvein verification. Expert Systems With Applications, 2011, 38, 2621-2631.	4.4	111
43	Empirical study of light source selection for palmprint recognition. Pattern Recognition Letters, 2011, 32, 120-126.	2.6	31
44	An Online System of Multispectral Palmprint Verification. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 480-490.	2.4	355
45	A Completed Modeling of Local Binary Pattern Operator for Texture Classification. IEEE Transactions on Image Processing, 2010, 19, 1657-1663.	6.0	1,688
46	Palmprint verification using binary orientation co-occurrence vector. Pattern Recognition Letters, 2009, 30, 1219-1227.	2.6	235