Lu Leng

List of Publications by Year
in descending order

42 papers	1,566 citations	394421 19 h-index	361022 35 g-index
43 all docs	43 docs citations	43 times ranked	848 citing authors

#	Article	IF	Citations
1	Multi-task Pre-training with Soft Biometrics for Transfer-learning Palmprint Recognition. Neural Processing Letters, 2023, 55, 2341-2358.	3.2	6
2	Multi-order texture features for palmprint recognition. Artificial Intelligence Review, 2023, 56, 995-1011.	15.7	8
3	Reinforced Palmprint Reconstruction Attacks in Biometric Systems. Sensors, 2022, 22, 591.	3.8	4
4	A computer-aid multi-task light-weight network for macroscopic feces diagnosis. Multimedia Tools and Applications, 2022, 81, 15671-15686.	3.9	3
5	SiamCAM: A Real-Time Siamese Network for Object Tracking with Compensating Attention Mechanism. Applied Sciences (Switzerland), 2022, 12, 3931.	2.5	4
6	Co-Learning to Hash Palm Biometrics for Flexible IoT Deployment. IEEE Internet of Things Journal, 2022, 9, 23786-23794.	8.7	6
7	Extreme Downsampling and Joint Feature for Coding-Based Palmprint Recognition. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	15
8	Data Hiding Method for Color AMBTC Compressed Images Using Color Difference. Applied Sciences (Switzerland), 2021, 11, 3418.	2.5	6
9	Palmprint-Palmvein Fusion Recognition Based on Deep Hashing Network. IEEE Access, 2021, 9, 135816-135827.	4.2	20
10	Survey on Data Hiding Based on Block Truncation Coding. Applied Sciences (Switzerland), 2021, 11, 9209.	2.5	6
11	Robust Visual Tracking With Occlusion Judgment and Re-Detection. IEEE Access, 2020, 8, 122772-122781.	4.2	10
12	Hybrid Data Hiding Based on AMBTC Using Enhanced Hamming Code. Applied Sciences (Switzerland), 2020, 10, 5336.	2.5	22
13	Palmprint False Acceptance Attack with a Generative Adversarial Network (GAN). Applied Sciences (Switzerland), 2020, 10, 8547.	2.5	18
14	A Light-Weight Practical Framework for Feces Detection and Trait Recognition. Sensors, 2020, 20, 2644.	3.8	27
15	High-Capacity Data Hiding for ABTC-EQ Based Compressed Image. Electronics (Switzerland), 2020, 9, 644.	3.1	26
16	Syncretic-NMS: A Merging Non-Maximum Suppression Algorithm for Instance Segmentation. IEEE Access, 2020, 8, 114705-114714.	4.2	24
17	Mask-Refined R-CNN: A Network for Refining Object Details in Instance Segmentation. Sensors, 2020, 20, 1010.	3.8	123
18	Double-Channel Object Tracking With Position Deviation Suppression. IEEE Access, 2020, 8, 856-866.	4.2	15

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19	The Role of Philosophical Inquiry in Helping Students Engage in Learning. Frontiers in Psychology, 2020, 11, 449.	2.1	6
20	Democratic voting downsampling for coding–based palmprint recognition. IET Biometrics, 2020, 9, 290-296.	2.5	17
21	A scale-adaptive object-tracking algorithm with occlusion detection. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	47
22	The Development and Contextualization of Philosophy for Children in Mainland China. Teaching Philosophy, 2020, 43, 245-280.	0.0	1
23	StoolNet for Color Classification of Stool Medical Images. Electronics (Switzerland), 2019, 8, 1464.	3.1	30
24	Palmprint recognition system on mobile devices with double-line-single-point assistance. Personal and Ubiquitous Computing, 2018, 22, 93-104.	2.8	25
25	Object Detection Based on Multi-Layer Convolution Feature Fusion and Online Hard Example Mining. IEEE Access, 2018, 6, 19959-19967.	4.2	114
26	Lossless data hiding for absolute moment block truncation coding using histogram modification. Journal of Real-Time Image Processing, 2018, 14, 101-114.	3.5	63
27	Palmprint Verification System with Dual-Line-Single-Point Assistance on Android Mobile Devices. , 2018, , .		3
28	Dual-source discrimination power analysis for multi-instance contactless palmprint recognition. Multimedia Tools and Applications, 2017, 76, 333-354.	3.9	224
29	Simplified 2DPalmHash code for secure palmprint verification. Multimedia Tools and Applications, 2017, 76, 8373-8398.	3.9	26
30	Orientation range of transposition for vertical correlation suppression of 2DPalmPhasor Code. Multimedia Tools and Applications, 2015, 74, 11683-11701.	3.9	21
31	Alignment-free row-co-occurrence cancelable palmprint Fuzzy Vault. Pattern Recognition, 2015, 48, 2290-2303.	8.1	95
32	Matching reduction of 2DPalmHash Code. , 2014, , .		3
33	Logical Conjunction of Triple-Perpendicular-Directional Translation Residual for Contactless Palmprint Preprocessing. , 2014, , .		19
34	A remote cancelable palmprint authentication protocol based on multi–directional two–dimensional PalmPhasor–fusion. Security and Communication Networks, 2014, 7, 1860-1871.	1.5	52
35	Analysis of correlation of 2DPalmHash Code and orientation range suitable for transposition. Neurocomputing, 2014, 131, 377-387.	5.9	47
36	Conjugate 2DPalmHash code for secure palm-print-vein verification. , 2013, , .		59

#	Article	IF	Citations
37	Orientation Range for Transposition According to the Correlation Analysis of 2DPalmHash Code. , 2013, , .		6
38	PalmHash Code vs. PalmPhasor Code. Neurocomputing, 2013, 108, 1-12.	5.9	134
39	Palmhash Code for palmprint verification and protection. , 2012, , .		21
40	Dual-key-binding cancelable palmprint cryptosystem for palmprint protection and information security. Journal of Network and Computer Applications, 2011, 34, 1979-1989.	9.1	97
41	Two Dimensional PalmPhasor Enhanced by Multi-orientation Score Level Fusion. Communications in Computer and Information Science, 2011, , 122-129.	0.5	21
42	Dynamic weighted discrimination power analysis in DCT domain for face and palmprint recognition. , 2010, , .		92