Kin-Choong Yow

List of Publications by Year
in descending order

53	1,087	430754	454834
papers	citations	18 h-index	30 g-index

53	53	53	688
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feature-based human face detection. Image and Vision Computing, 1997, 15, 713-735.	2.7	273
2	Survey on blind image forgery detection. IET Image Processing, 2013, 7, 660-670.	1.4	90
3	Efficient multi-keyword ranked query over encrypted data in cloud computing. Future Generation Computer Systems, 2014, 30, 179-190.	4.9	89
4	Mitigating DDoS attacks with transparent and intelligent fast-flux swarm network. IEEE Network, 2011, 25, 28-33.	4.9	47
5	Echo state network applied for classification of medium voltage insulators. International Journal of Electrical Power and Energy Systems, 2022, 134, 107336.	3.3	44
6	Fault detection in insulators based on ultrasonic signal processing using a hybrid deep learning technique. IET Science, Measurement and Technology, 2020, 14, 953-961.	0.9	40
7	Classification of insulators using neural network based on computer vision. IET Generation, Transmission and Distribution, 2022, 16, 1096-1107.	1.4	38
8	A Study of Multilayer Perceptron Networks Applied to Classification of Ceramic Insulators Using Ultrasound. Applied Sciences (Switzerland), 2021, 11, 1592.	1.3	37
9	These do not Look Like Those: An Interpretable Deep Learning Model for Image Recognition. IEEE Access, 2021, 9, 41482-41493.	2.6	31
10	Semi-ProtoPNet Deep Neural Network for the Classification of Defective Power Grid Distribution Structures. Sensors, 2022, 22, 4859.	2.1	30
11	Abnormal Event Detection and Localization via Adversarial Event Prediction. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3572-3586.	7.2	29
12	Classification of Contaminated Insulators Using k-Nearest Neighbors Based on Computer Vision. Computers, 2021, 10, 112.	2.1	28
13	A CNN-RNN Combined Structure for Real-World Violence Detection in Surveillance Cameras. Applied Sciences (Switzerland), 2022, 12, 1021.	1.3	28
14	An Interpretable Deep Learning Model for Covid-19 Detection With Chest X-Ray Images. IEEE Access, 2021, 9, 85198-85208.	2.6	27
15	Wireless Indoor Positioning System with Enhanced Nearest Neighbors in Signal Space Algorithm. , 2006, , .		26
16	Image-based quantitative analysis of tear film lipid layer thickness for meibomian gland evaluation. BioMedical Engineering OnLine, 2017, 16, 135.	1.3	26
17	Online Multi-Object Tracking With GMPHD Filter and Occlusion Group Management. IEEE Access, 2019, 7, 165103-165121.	2.6	26
18	Particle swarm optimization for design of insulators of distribution power system based on finite element method. Electrical Engineering, 2022, 104, 615-622.	1.2	23

#	Article	IF	Citations
19	Joint representation learning of appearance and motion for abnormal event detection. Machine Vision and Applications, 2018, 29, 1157-1170.	1.7	19
20	Transfer learning for vehicle detection using two cameras with different focal lengths. Information Sciences, 2020, 514, 71-87.	4.0	14
21	Object or Background: An Interpretable Deep Learning Model for COVID-19 Detection from CT-Scan Images. Diagnostics, 2021, 11, 1732.	1.3	13
22	Efficient Implementation of Elliptic Curve Cryptography (ECC) for Personal Digital Assistants (PDAs). Wireless Personal Communications, 2004, 29, 233-246.	1.8	11
23	Robust matching of building facades under large viewpoint changes. , 2009, , .		11
24	A color and feature-based approach to human face detection. , 0, , .		10
25	Experimental Comparison of Preferential vs. Common Delta Connections for the Star-Delta Starting of Induction Motors. Energies, 2021, 14, 1318.	1.6	9
26	Image-Based Information Guide on Mobile Devices. Lecture Notes in Computer Science, 2008, , 346-355.	1.0	9
27	Determining the best network to handover among various IEEE 802.11 and IEEE 802.16 networks by a mobile device. , 2005, , .		8
28	Block change learning for knowledge distillation. Information Sciences, 2020, 513, 360-371.	4.0	8
29	Enhancing human face detection using motion and active contours. Lecture Notes in Computer Science, 1997, , 515-522.	1.0	7
30	QoS routing in multi-channel multihop wireless networks with infrastructure support. , 2006, , .		6
31	General Moving Object Localization from a Single Flying Camera. Applied Sciences (Switzerland), 2020, 10, 6945.	1.3	6
32	Training approach using the shallow model and hard triplet mining for person reâ€identification. IET Image Processing, 2020, 14, 256-266.	1.4	6
33	Image Recognition for Mobile Applications. , 2007, , .		5
34	An investigation on iExchange technology in Motorola iDEN system. , 2011, , .		2
35	A fast learning neural network for oriented visual place map based robot navigation. , 2011, , .		2
36	A Fully Automatic Method for Gridding Bright Field Images of Bead-Based Microarrays. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1148-1159.	3.9	2

#	Article	IF	Citations
37	MILCA â€“ A Mobile and Interactive Learning Environment on Campus. Communications in Computer and Information Science, 2008, , 184-191.	0.4	2
38	A Strategy-driven Framework for Multi-Robot Cooperation System. , 2006, , .		1
39	A QoS framework to support integrated services in multihop wireless networks with infrastructure support. Computer Communications, 2008, 31, 3253-3266.	3.1	1
40	Determining the best network to handover among various IEEE 802.11 and IEEE 802.16 networks by a mobile device. , 2005, , .		1
41	Mobile Interactive Learning in Large Classes. , 0, , 260-272.		1
42	MOBILE TOURGUIDE SYSTEM. , 2009, , .		1
43	A Secure Location Service in Mobile Ad Hoc Networks. , 2003, , .		0
44	A QoS Framework to Support Integrated Services in Multihop Wireless Networks with Infrastructure Support. Performance, Computing and Communications Conference (IPCCC), IEEE International, 2007, , .	0.0	0
45	Interactive learning environment for large class teaching. International Journal of Technology Enhanced Learning, 2009, 1, 229.	0.4	0
46	Optimizing image matches via a verification model. International Journal of Intelligent Systems, 2010, 25, n/a-n/a.	3.3	0
47	Reliable matching of building facades using geometric measurements and an iterative reliability verification model. , 2010, , .		0
48	Locating Corresponding Regions in Urban Environments. , 2010, , .		0
49	Field service support with a wireless PDA. , 2011, , .		0
50	A robust image retrieval system for mobile guide applications. International Journal of Intelligent Systems, 2012, 27, 301-316.	3.3	0
51	Multihop wireless networks with infrastructure support (MWNIs). , 2008, , .		0
52	Combining Invariant and Corner-Like Features to Optimize Image Matching. Lecture Notes in Computer Science, 2009, , 692-701.	1.0	0
53	A Bluetooth-Based Device Management Platform for Smart Sensor Environment. Lecture Notes in Computer Science, 2010, , 275-279.	1.0	0