

Zhaoqiang Xia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

621
citations

14
h-index

23
g-index

63
ext. papers

918
ext. citations

2.8
avg, IF

4.58
L-index

#	Paper	IF	Citations
53	An original face anti-spoofing approach using partial convolutional neural network 2016 ,		121
52	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 626-640	6.6	71
51	Semiquantum secure direct communication using EPR pairs. <i>Quantum Information Processing</i> , 2017 , 16, 1	1.6	32
50	Spontaneous micro-expression spotting via geometric deformation modeling. <i>Computer Vision and Image Understanding</i> , 2016 , 147, 87-94	4.3	31
49	Face spoofing detection with local binary pattern network. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 54, 182-192	2.7	30
48	Kinship Verification from Faces via Similarity Metric Based Convolutional Neural Network. <i>Lecture Notes in Computer Science</i> , 2016 , 539-548	0.9	22
47	Revealing the Invisible with Model and Data Shrinking for Composite-database Micro-expression Recognition. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	21
46	Replayed Video Attack Detection Based on Motion Blur Analysis. <i>IEEE Transactions on Information Forensics and Security</i> , 2019 , 14, 2246-2261	8	20
45	Revisiting Pixel-Wise Supervision for Face Anti-Spoofing. <i>IEEE Transactions on Biometrics, Behavior, and Identity Science</i> , 2021 , 3, 285-295	4.3	19
44	A regularized optimization framework for tag completion and image retrieval. <i>Neurocomputing</i> , 2015 , 147, 500-508	5.4	17
43	Towards Facial Expression Recognition in the Wild: A New Database and Deep Recognition System 2016 ,		17
42	Deep convolutional hashing using pairwise multi-label supervision for large-scale visual search. <i>Signal Processing: Image Communication</i> , 2017 , 59, 109-116	2.8	14
41	Face anti-spoofing via deep local binary patterns 2017 ,		14
40	Unsupervised deep hashing for large-scale visual search 2016 ,		14
39	3D face mask presentation attack detection based on intrinsic image analysis. <i>IET Biometrics</i> , 2020 , 9, 100-108	2.9	13
38	Spontaneous Facial Micro-expression Recognition via Deep Convolutional Network 2018 ,		13
37	Blind quality assessment for screen content images by combining local and global features 2019 , 91, 31-40		11

36	Screen content image quality assessment based on the most preferred structure feature. <i>Journal of Electronic Imaging</i> , 2018 , 27, 1	0.7	10
35	Trademark image retrieval via transformation-invariant deep hashing. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 59, 108-116	2.7	10
34	Scene video text tracking based on hybrid deep text detection and layout constraint. <i>Neurocomputing</i> , 2019 , 363, 223-235	5.4	9
33	2017 ,		9
32	RBPR: A hybrid model for the new user cold start problem in recommender systems. <i>Knowledge-Based Systems</i> , 2021 , 214, 106732	7.3	9
31	Lung nodule detection based on 3D convolutional neural networks 2017 ,		8
30	CompactNet: learning a compact space for face presentation attack detection. <i>Neurocomputing</i> , 2020 , 409, 191-207	5.4	6
29	Scarce face recognition via two-layer collaborative representation. <i>IET Biometrics</i> , 2018 , 7, 56-62	2.9	6
28	Similar Trademark Image Retrieval Integrating LBP and Convolutional Neural Network. <i>Lecture Notes in Computer Science</i> , 2017 , 231-242	0.9	6
27	Content-Irrelevant Tag Cleansing via Bi-Layer Clustering and Peer Cooperation. <i>Journal of Signal Processing Systems</i> , 2015 , 81, 29-44	1.4	5
26	No-reference image quality assessment with center-surround based natural scene statistics. <i>Multimedia Tools and Applications</i> , 2018 , 77, 20731-20751	2.5	5
25	Intrinsic Image Decomposition: A Comprehensive Review. <i>Lecture Notes in Computer Science</i> , 2017 , 626-638		5
24	Automatic Abstract Tag Detection for Social Image Tag Refinement and Enrichment. <i>Journal of Signal Processing Systems</i> , 2014 , 74, 5-18	1.4	5
23	Pain-awareness multistream convolutional neural network for pain estimation. <i>Journal of Electronic Imaging</i> , 2019 , 28, 1	0.7	5
22	Cross-database Micro-Expression Recognition with Deep Convolutional Networks 2019 ,		4
21	3D Sensor Based Pedestrian Detection by Integrating Improved HHA Encoding and Two-Branch Feature Fusion. <i>Remote Sensing</i> , 2022 , 14, 645	5	4
20	Automatic tag-to-region assignment via multiple instance learning. <i>Multimedia Tools and Applications</i> , 2015 , 74, 979-1002	2.5	3
19	Panchromatic and multi-spectral image fusion for new satellites based on multi-channel deep model. <i>Machine Vision and Applications</i> , 2018 , 29, 933-946	2.8	3

18	Multiorientation scene text detection via coarse-to-fine supervision-based convolutional networks. <i>Journal of Electronic Imaging</i> , 2018 , 27, 1	0.7	3
17	Social Tag Enrichment via Automatic Abstract Tag Refinement. <i>Lecture Notes in Computer Science</i> , 2012 , 198-209	0.9	3
16	An accurate eye localization approach for smart embedded system 2016 ,		3
15	Plant Species Identification by Bi-channel Deep Convolutional Networks. <i>Journal of Physics: Conference Series</i> , 2018 , 1004, 012015	0.3	3
14	CasQNet: Intrinsic Image Decomposition Based on Cascaded Quotient Network. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 2661-2674	6.4	3
13	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 1111-1111	6.6	2
12	An Infrared and Visible Image Fusion Method Based on Non-Subsampled Contourlet Transform and Joint Sparse Representation 2016 ,		2
11	Pain-attentive network: a deep spatio-temporal attention model for pain estimation. <i>Multimedia Tools and Applications</i> , 2020 , 79, 28329-28354	2.5	2
10	No-reference quality assessment for contrast-distorted image 2016 ,		2
9	Similar Trademark Image Retrieval Based on Convolutional Neural Network and Constraint Theory 2018 ,		2
8	An Overview of Deep Learning 2019 , 1-18		1
7	Fast Chinese character detection from complex scenes 2016 ,		1
6	A New Database for Evaluating Underwater Image Processing Methods 2018 ,		1
5	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6	1
4	Infrared and visible image fusion using a shallow CNN and structural similarity constraint. <i>IET Image Processing</i> , 2020 , 14, 3562-3571	1.7	0
3	Multiple Instance Learning for Automatic Image Annotation. <i>Lecture Notes in Computer Science</i> , 2013 , 194-205	0.9	0
2	Face presentation attack detection based on optical flow and texture analysis. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022 , 34, 1455-1467	2.5	0
1	A Hybrid Pan-Sharpening Approach Using Nonnegative Matrix Factorization for WorldView Imageries. <i>Lecture Notes in Computer Science</i> , 2019 , 703-713	0.9	

