Qianni Zhang

List of Publications by Year
in descending order

65 papers	687 citations	686830 13 h-index	642321 23 g-index
69 all docs	69 docs citations	69 times ranked	679 citing authors

#	Article	IF	Citations
1	Three-Class Mammogram Classification Based on Descriptive CNN Features. BioMed Research International, 2017, 2017, 1-11.	0.9	110
2	Perceptual Underwater Image Enhancement With Deep Learning and Physical Priors. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3078-3092.	5.6	73
3	CANet: Context Aware Network for Brain Glioma Segmentation. IEEE Transactions on Medical Imaging, 2021, 40, 1763-1777.	5.4	41
4	Immunohistochemical Typing of Adenocarcinomas of the Pancreatobiliary System Improves Diagnosis and Prognostic Stratification. PLoS ONE, 2016, 11, e0166067.	1.1	34
5	Multimodal Gait Recognition for Neurodegenerative Diseases. IEEE Transactions on Cybernetics, 2022, 52, 9439-9453.	6.2	30
6	Histopathological growth patterns of liver metastasis: updated consensus guidelines for pattern scoring, perspectives and recent mechanistic insights. British Journal of Cancer, 2022, 127, 988-1013.	2.9	30
7	SRPN: similarity-based region proposal networks for nuclei and cells detection in histology images. Medical Image Analysis, 2021, 72, 102142.	7.0	23
8	A Multi-feature Optimization Approach to Object-Based Image Classification. Lecture Notes in Computer Science, 2006, , 310-319.	1.0	21
9	Histology Image Retrieval in Optimized Multifeature Spaces. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 240-249.	3.9	20
10	LSI: Latent semantic inference for natural image segmentation. Pattern Recognition, 2016, 59, 282-291.	5.1	15
11	AGMB-Transformer: Anatomy-Guided Multi-Branch Transformer Network for Automated Evaluation of Root Canal Therapy. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1684-1695.	3.9	15
12	Cost-Sensitive Boosting Pruning Trees for Depression Detection on Twitter. IEEE Transactions on Affective Computing, 2023, 14, 1898-1911.	5.7	15
13	Holons Visual Representation for Image Retrieval. IEEE Transactions on Multimedia, 2016, 18, 714-725.	5.2	14
14	Advanced deep learning methodology for accurate, real-time segmentation of high-resolution intravascular ultrasound images. International Journal of Cardiology, 2021, 339, 185-191.	0.8	14
15	Deep learning-based image analysis for automated measurement of eyelid morphology before and after blepharoptosis surgery. Annals of Medicine, 2021, 53, 2278-2285.	1.5	14
16	Sex Difference in Global Burden of Major Depressive Disorder: Findings From the Global Burden of Disease Study 2019. Frontiers in Psychiatry, 2022, 13, 789305.	1.3	14
17	ADORE: An Adaptive Holons Representation Framework for Human Pose Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2803-2813.	5.6	13
18	CNN and KPCA-Based Automated Feature Extraction for Real Time Driving Pattern Recognition. IEEE Access, 2019, 7, 123765-123775.	2.6	13

#	Article	IF	Citations
19	Enhanced visualisation of dance performance from automatically synchronised multimodal recordings. , 2011, , .		12
20	CUNet: A Compact Unsupervised Network for Image Classification. IEEE Transactions on Multimedia, 2018, , 1-1.	5.2	12
21	Multilevel active registration for kinect human body scans: from low quality to high quality. Multimedia Systems, 2018, 24, 257-270.	3.0	11
22	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. International Journal of Cardiovascular Imaging, 2021, 37, 1825-1837.	0.7	11
23	US-Net for Robust and Efficient Nuclei Instance Segmentation. , 2019, , .		9
24	Building High-Fidelity Human Body Models From User-Generated Data. IEEE Transactions on Multimedia, 2021, 23, 1542-1556.	5.2	9
25	Adaptive salient block-based image retrieval in multi-feature space. Signal Processing: Image Communication, 2007, 22, 591-603.	1.8	8
26	Towards an expressive virtual tutor. , 2010, , .		7
27	A multi-modal dance corpus for research into interaction between humans in virtual environments. Journal on Multimodal User Interfaces, 2012, 7, 157.	2.0	7
28	Detection of Breast Tumour Tissue Regions in Histopathological Images using Convolutional Neural Networks. , 2018, , .		7
29	Human action recognition by fast dense trajectories. , 2013, , .		6
30	A Cascadeâ€SEME network for COVIDâ€19 detection in chest xâ€ray images. Medical Physics, 2021, 48, 2337-2353.	1.6	6
31	Enhanced multi-view dancing videos synchronisation. , 2012, , .		5
32	Multifeature analysis and semantic context learning for image classification. ACM Transactions on Multimedia Computing, Communications and Applications, 2013, 9, 1-20.	3.0	5
33	Multimodal Fusion in Surveillance Applications. Advances in Computer Vision and Pattern Recognition, 2014, , 161-184.	0.9	5
34	Analysing multimedia content in social networking environments. , 2010, , .		4
35	Indexing Large Online Multimedia Repositories Using Semantic Expansion and Visual Analysis. IEEE MultiMedia, 2012, 19, 53-61.	1.5	4
36	Geo-tagging online videos using semantic expansion and visual analysis. , 2012, , .		4

#	Article	IF	Citations
37	An ontology framework for automated visual surveillance system. , 2015, , .		4
38	A Comparative Study on Weighted Central Moment and Its Application in 2D Shape Retrieval. Information (Switzerland), 2016, 7, 10.	1.7	4
39	Optimal kernel choice for domain adaption learning. Engineering Applications of Artificial Intelligence, 2016, 51, 163-170.	4.3	4
40	Discriminative Light Unsupervised Learning Network for Image Representation and Classification. , 2015, , .		3
41	Multi-scale context-aware networks for quantitative assessment of colorectal liver metastases. , 2018, , .		3
42	Endâ€diastolic segmentation of intravascular ultrasound images enables more reproducible volumetric analysis of atheroma burden. Catheterization and Cardiovascular Interventions, 2022, 99, 706-713.	0.7	3
43	Context Inference in Region-Based Image Retrieval. , 2007, , .		2
44	Adaptive Salient Block Based Image Retrieval in Multi-Feature Space. , 2007, , .		2
45	Improved indoor scene geometry recognition from single image based on depth map. , 2013, , .		2
46	Tissue Region Growing for Hispathology Image Segmentation. , 2018, , .		2
47	ACM workshop on surreal media and virtual cloning. , 2010, , .		1
48	Fuzzy ensembles for embedding adaptive behaviours in semi-autonomous avatars in 3D virtual worlds. , 2013, , .		1
49	Accurate stereo 3D point cloud generation suitable for multi-view stereo reconstruction. , 2014, , .		1
50	Decomposition and matching: Towards efficient automatic Chinese character stroke extraction. , 2016, , .		1
51	Region Based User-Generated Human Body Scan Registration. , 2018, , .		1
52	Bayesian Multimodal Fusion in Forensic Applications. Lecture Notes in Computer Science, 2012, , 466-475.	1.0	1
53	BEM-RCNN Segmentation Based on the Inadequately Labeled Moving Mesenchymal Stem Cells. Lecture Notes in Computer Science, 2019, , 383-391.	1.0	1
54	Describing Objects with Multiple Features for Visual Information Retrieval and Annotation. , 2008, , .		0

#	Article	IF	Citations
55	From mid-level to high-level: Semantic inference for multimedia retrieval. , 2010, , .		0
56	Semi-Automated Vision-Based Construction of Safety Models from Engineering Drawings. SAE International Journal of Aerospace, 2011, 4, 893-899.	4.0	0
57	Fusion of semantic and visual information for automatic indexing and annotation of key frame images. , 2005, , .		0
58	Concept based interactive retrieval for social environment. , 2010, , .		0
59	Demonstration for the 3DLife Framework. Lecture Notes in Computer Science, 2010, , 205-206.	1.0	0
60	3DLife: Bringing the Media Internet to Life. Lecture Notes in Computer Science, 2010, , 13-14.	1.0	0
61	Semantic Context Inference in Multimedia Search. Lecture Notes in Computer Science, 2011, , 391-400.	1.0	0
62	3DLife - Bringing the Media Internet to Life. Lecture Notes in Computer Science, 2013, , 339-341.	1.0	0
63	Symmetry-Aware Human Shape Correspondence Using Skeleton. Lecture Notes in Computer Science, 2016, , 632-641.	1.0	0
64	Trans-Attention Multiple Instance Learning for Cancer Tissue Classification in Digital Histopathology Images. , 2021, , .		0
65	Context Inference in Region-Based Image Retrieval. , 2007, , .		0