

Quan Zhou

List of Publications by Year in descending order

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873
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citing authors

#	ARTICLE	IF	CITATIONS
1	Lednet: A Lightweight Encoder-Decoder Network for Real-Time Semantic Segmentation. , 2019, , .		203
2	Multi-scale deep context convolutional neural networks for semantic segmentation. World Wide Web, 2019, 22, 555-570.	4.0	100
3	AGLNet: Towards real-time semantic segmentation of self-driving images via attention-guided lightweight network. Applied Soft Computing Journal, 2020, 96, 106682.	7.2	73
4	Adaptive top-hat filter based on quantum genetic algorithm for infrared small target detection. Multimedia Tools and Applications, 2018, 77, 10539-10551.	3.9	64
5	Multi-scale context for scene labeling via flexible segmentation graph. Pattern Recognition, 2016, 59, 312-324.	8.1	53
6	Contextual ensemble network for semantic segmentation. Pattern Recognition, 2022, 122, 108290.	8.1	53
7	Improving Medical Images Classification With Label Noise Using Dual-Uncertainty Estimation. IEEE Transactions on Medical Imaging, 2022, 41, 1533-1546.	8.9	31
8	FDDWNet: A Lightweight Convolutional Neural Network for Real-Time Semantic Segmentation. , 2020, , .		30
9	An open-source project for real-time image semantic segmentation. Science China Information Sciences, 2019, 62, 1.	4.3	27
10	LAEDNet: A Lightweight Attention Encoder-Decoder Network for ultrasound medical image segmentation. Computers and Electrical Engineering, 2022, 99, 107777.	4.8	23
11	Visual object tracking with online sample selection via lasso regularization. Signal, Image and Video Processing, 2017, 11, 881-888.	2.7	22
12	SGUNET: Semantic Guided UNET For Thyroid Nodule Segmentation. , 2021, , .		19
13	RSANet: Towards Real-Time Object Detection with Residual Semantic-Guided Attention Feature Pyramid Network. Mobile Networks and Applications, 2021, 26, 77-87.	3.3	18
14	Entropy Minimization Versus Diversity Maximization for Domain Adaptation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2896-2907.	11.3	15
15	Face Recognition Using Dense SIFT Feature Alignment. Chinese Journal of Electronics, 2016, 25, 1034-1039.	1.5	14
16	Object-based attention: saliency detection using contrast via background prototypes. Electronics Letters, 2014, 50, 997-999.	1.0	13
17	Deep Context Convolutional Neural Networks for Semantic Segmentation. Communications in Computer and Information Science, 2017, , 696-704.	0.5	12
18	CAN: Contextual Aggregating Network for Semantic Segmentation. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	Learning Dynamic Hybrid Markov Random Field for Image Labeling. IEEE Transactions on Image Processing, 2013, 22, 2219-2232.	9.8	8
20	Face recognition via fast dense correspondence. Multimedia Tools and Applications, 2018, 77, 10501-10519.	3.9	8
21	Learning adaptive contrast combinations for visual saliency detection. Multimedia Tools and Applications, 2020, 79, 14419-14447.	3.9	8
22	Monocular Depth Estimation Using Information Exchange Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3491-3503.	8.0	8
23	Visual object tracking via coefficients constrained exclusive group LASSO. Machine Vision and Applications, 2018, 29, 749-763.	2.7	7
24	Semantic consistent adversarial cross-modal retrieval exploiting semantic similarity. Multimedia Tools and Applications, 2020, 79, 14733-14750.	3.9	7
25	On contrast combinations for visual saliency detection. , 2013, , .		6
26	Sun-sky model estimation from outdoor images. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 5151-5162.	4.9	6
27	Dense Deconvolutional Network for Semantic Segmentation. , 2018, , .		5
28	Discriminative Multiview Nonnegative Matrix Factorization for Classification. IEEE Access, 2019, 7, 60947-60956.	4.2	5
29	A dynamic causal topic model for mining activities from complex videos. Multimedia Tools and Applications, 2018, 77, 10669-10684.	3.9	5
30	Joint Semantic-Instance Segmentation Method for Intelligent Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15540-15547.	8.0	5
31	Shape Matching Using Points Co-occurrence Pattern. , 2011, , .		4
32	Modality-specific matrix factorization hashing for cross-modal retrieval. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	4.9	3
33	Grayscale-thermal Tracking via Canonical Correlation Analysis Based Inverse Sparse Representation. , 2019, , .		2
34	Image labeling by multiple segmentation. , 2011, , .		1
35	A Sum-of-Squares and Semidefinite Programming Approach for Maximum Likelihood DOA Estimation. Sensors, 2016, 16, 2191.	3.8	1
36	Locality-constrained matrix regression for position-patch based face hallucination. , 2016, , .		1

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37	Learning Autoencoder of Attribute Constraint for Zero-Shot Classification. , 2017, , .		1
38	Periodic Enhanced Frame Based Long-Short-Term Reference in HEVC for Conference and Surveillance Video Coding. IEEE Access, 2019, 7, 46422-46433.	4.2	1
39	DCM: A Dense-Attention Context Module For Semantic Segmentation. , 2020, , .		1
40	Efficient Person re-identification with Multi-Scale Feature Fusion. , 2021, , .		1
41	Activity Interaction Detection by Using Causal Discovery With Order Estimation. IEEE Access, 2019, 7, 173968-173976.	4.2	0
42	Saliency Detection via Objectness Transferring. Studies in Computational Intelligence, 2020, , 201-211.	0.9	0
43	Weighted Linear Multiple Kernel Learning for Saliency Detection. EAI/Springer Innovations in Communication and Computing, 2020, , 201-213.	1.1	0
44	Multiple Stream Oriented Siamese Network for RGB-T Tracking. , 2021, , .		0