Jiawei

List of Publications by Year
in descending order

20 papers	283 citations	1163117 8 h-index
20 all docs	20 docs citations	20 times ranked

1058476
14
g-index

84
citing authors

#	Article	IF	Citations
1	The Improvement of Road Driving Safety Guided by Visual Inattentional Blindness. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4972-4981.	8.0	78
2	The Alleviation of Perceptual Blindness During Driving in Urban Areas Guided by Saccades Recommendation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16386-16396.	8.0	45
3	UNFusion: A Unified Multi-Scale Densely Connected Network for Infrared and Visible Image Fusion. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3360-3374.	8.3	36
4	Infrared and visible image fusion via hybrid decomposition of NSCT and morphological sequential toggle operator. Optik, 2020, 201, 163497.	2.9	28
5	Res2Fusion: Infrared and Visible Image Fusion Based on Dense Res2net and Double Nonlocal Attention Models. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	24
6	A bio-inspired motion sensitive model and its application to estimating human gaze positions under classified driving conditions. Neurocomputing, 2019, 345, 23-35.	5.9	13
7	Mimicking visual searching with integrated top down cues and low-level features. Neurocomputing, 2014, 133, 1-17.	5.9	12
8	A Temporally Irreversible Visual Attention Model Inspired by Motion Sensitive Neurons. IEEE Transactions on Industrial Informatics, 2020, 16, 595-605.	11.3	10
9	A saliency-based cascade method for fast traffic sign detection. , 2015, , .		7
10	What has been missed for predicting human attention in viewing driving clips?. PeerJ, 2017, 5, e2946.	2.0	7
11	Eye Fixation Location Recommendation in Advanced Driver Assistance System. Journal of Electrical Engineering and Technology, 2019, 14, 965-978.	2.0	7
12	A MOTION ATTENTION MODEL BASED ON RARITY WEIGHTING AND MOTION CUES IN DYNAMIC SCENES. International Journal of Pattern Recognition and Artificial Intelligence, 2013, 27, 1355009.	1.2	3
13	Bio-inspired classifier for road extraction from remote sensing imagery. Journal of Applied Remote Sensing, 2014, 8, 083577.	1.3	3
14	A Generative Adversarial Network to Denoise Depth Maps for Quality Improvement of DIBR-Synthesized Stereoscopic Images. Journal of Electrical Engineering and Technology, 2021, 16, 2201-2210.	2.0	3
15	A primal dual proximal point method of Chambolle-Pock algorithms for &#x2113;<inf>1</inf>-TV minimization problems in image reconstruction. , 2012, , .		2
16	A Nonlocal Denoising Framework Based on Tensor Robust Principal Component Analysis with â„“$_p$ norm. , 2020, , .		2
17	A top-down attention model based on the semi-supervised learning. , 2012, , .		1
18	Building up a Bio-Inspired Visual Attention Model by Integrating Top-Down Shape Bias and Improved Mean Shift Adaptive Segmentation. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1555005.	1.2	1

#	Article	IF	Citations
19	Multi-level Feature Fusion Network for Single Image Super-Resolution. , 2020, , .		1
20	Self-calibrated Attention Residual Network for Image Super-Resolution. , 2020, , .		0