Christophe De Vleeschouwer

List of Publications by Year
in descending order

23 papers	1,602 citations	840776 11 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	1079 citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and robust bitstream processing in binarised neural networks. Electronics Letters, 2021, 57, 219-222.	1.0	3
2	Color Channel Compensation (3C): A Fundamental Pre-Processing Step for Image Enhancement. IEEE Transactions on Image Processing, 2020, 29, 2653-2665.	9.8	87
3	Ecological features and swimming capabilities of deep-sea sharks from New Zealand. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 156, 103187.	1.4	8
4	Cross-Domain Data Augmentation for Deep-Learning-Based Male Pelvic Organ Segmentation in Cone Beam CT. Applied Sciences (Switzerland), 2020, 10, 1154.	2.5	13
5	Color Channel Transfer for Image Dehazing. IEEE Signal Processing Letters, 2019, 26, 1413-1417.	3.6	38
6	Consensus-based trajectory estimation for ball detection in calibrated cameras systems. Journal of Real-Time Image Processing, 2019, 16, 1335-1350.	3.5	5
7	Color Balance and Fusion for Underwater Image Enhancement. IEEE Transactions on Image Processing, 2018, 27, 379-393.	9.8	635
8	O-HAZE: A Dehazing Benchmark with Real Hazy and Haze-Free Outdoor Images. , 2018, , .		393
9	Decolorization by Fusion. IEEE Access, 2018, 6, 64071-64084.	4.2	3
10	Use of the iNo score to discriminate normal from altered nucleolar morphology, with applications in basic cell biology and potential in human disease diagnostics. Nature Protocols, 2018, 13, 2387-2406.	12.0	29
11	Scene-specific classifier for effective and efficient team sport players detection from a single calibrated camera. Computer Vision and Image Understanding, 2017, 159, 74-88.	4.7	16
12	Wide-Baseline Foreground Object Interpolation Using Silhouette Shape Prior. IEEE Transactions on Image Processing, 2017, 26, 5477-5490.	9.8	2
13	Color transfer for underwater dehazing and depth estimation. , 2017, , .		37
14	Locally Adaptive Color Correction for Underwater Image Dehazing and Matching. , 2017, , .		36
15	Night-time dehazing by fusion. , 2016, , .		91
16	Multi-scale underwater descattering. , 2016, , .		38
17	Compressive optical deflectometric tomography: A constrained total-variation minimization approach. Inverse Problems and Imaging, 2014, 8, 421-457.	1.1	7
18	An Autonomous Framework to Produce and Distribute Personalized Team-Sport Video Summaries: A Basketball Case Study. IEEE Transactions on Multimedia, 2011, 13, 1381-1394.	7.2	50

#	Article	IF	Citations
19	Scalable Feature Extraction for Coarse-to-Fine JPEG 2000 Image Classification. IEEE Transactions on Image Processing, 2011, 20, 2636-2649.	9.8	9
20	Personalized production of basketball videos from multi-sensored data under limited display resolution. Computer Vision and Image Understanding, 2010, 114, 667-680.	4.7	33
21	Visual event recognition using decision trees. Multimedia Tools and Applications, 2010, 50, 95-121.	3.9	22
22	A Geometrical Study of Matching Pursuit Parametrization. IEEE Transactions on Signal Processing, 2008, 56, 2835-2848.	5.3	22
23	Prefetching and Caching Strategies for Remote and Interactive Browsing of JPEG2000 Images. IEEE Transactions on Image Processing, 2007, 16, 1339-1354.	9.8	24