Aurelie Bugeau

List of Publications by Year
in descending order

28 papers	763 citations	840119 11 h-index	642321 23 g-index
30 all docs	30 docs citations	30 times ranked	694 citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Framework for Image Inpainting. IEEE Transactions on Image Processing, 2010, 19, 2634-2645.	6.0	214
2	Variational Exemplar-Based Image Colorization. IEEE Transactions on Image Processing, 2014, 23, 298-307.	6.0	87
3	Detection and segmentation of moving objects in complex scenes. Computer Vision and Image Understanding, 2009, 113, 459-476.	3.0	59
4	Detection and segmentation of moving objects in highly dynamic scenes. , 2007, , .		54
5	Luminance-Chrominance Model for Image Colorization. SIAM Journal on Imaging Sciences, 2015, 8, 536-563.	1.3	44
6	Tracking with Occlusions via Graph Cuts. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 144-157.	9.7	41
7	SuperPatchMatch: An Algorithm for Robust Correspondences Using Superpixel Patches. IEEE Transactions on Image Processing, 2017, 26, 4068-4078.	6.0	31
8	Track and Cut: Simultaneous Tracking and Segmentation of Multiple Objects with Graph Cuts. Eurasip Journal on Image and Video Processing, 2008, 2008, 1-14.	1.7	28
9	Stereoscopic Image Inpainting: Distinct Depth Maps and Images Inpainting. , 2010, , .		26
10	Facial Action Units intensity estimation by the fusion of features with multi-kernel Support Vector Machine. , 2015, , .		25
11	Variational Contrast Enhancement of Gray-Scale and RGB Images. Journal of Mathematical Imaging and Vision, 2017, 57, 99-116.	0.8	18
12	Variational Osmosis for Non-Linear Image Fusion. IEEE Transactions on Image Processing, 2020, 29, 5507-5516.	6.0	16
13	Exemplar-based colorization in RGB color space. , 2014, , .		14
14	Multi-Task Deep Learning for Image Segmentation Using Recursive Approximation Tasks. IEEE Transactions on Image Processing, 2021, 30, 3555-3567.	6.0	12
15	Bag-of-bags of words irregular graph pyramids vs spatial pyramid matching for image retrieval. , 2014, , .		10
16	Joint inpainting of depth and reflectance with visibility estimation. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 125, 16-32.	4.9	8
17	Interactive Video Colorization Within a Variational Framework. SIAM Journal on Imaging Sciences, 2017, 10, 2293-2325.	1.3	7
18	Synthetic Evidential Study as Augmented Collective Thought Process â€" Preliminary Report. Lecture Notes in Computer Science, 2015, , 13-22.	1.0	7

#	Article	IF	Citations
19	Multi-layer Local Graph Words for Object Recognition. Lecture Notes in Computer Science, 2012, , 29-39.	1.0	6
20	Visibility estimation and joint inpainting of lidar depth maps. , 2016, , .		6
21	Learning to Segment Microscopy Images with Lazy Labels. Lecture Notes in Computer Science, 2020, , 411-428.	1.0	6
22	Diffusion and inpainting of reflectance and height LiDAR orthoimages. Computer Vision and Image Understanding, 2019, 179, 31-40.	3.0	5
23	Temporally Consistent Gradient Domain Video Editing. Lecture Notes in Computer Science, 2011, , 59-73.	1.0	5
24	Image Editing With Spatiograms Transfer. IEEE Transactions on Image Processing, 2012, 21, 2513-2522.	6.0	4
25	Hue-preserving perceptual contrast enhancement. , 2016, , .		4
26	A Unified Model for Image Colorization. Lecture Notes in Computer Science, 2015, , 297-308.	1.0	4
27	A Comparative Study of Irregular Pyramid Matching in Bag-of-Bags of Words Model for Image Retrieval. Lecture Notes in Computer Science, 2014, , 539-548.	1.0	2
28	Joint Tracking and Segmentation of Objects Using Graph Cuts. Lecture Notes in Computer Science, 2007, , 628-639.	1.0	1