

# Aurelie Bugeau

## List of Publications by Year in descending order

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28  
papers

763  
citations

840119

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h-index

642321

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all docs

30  
docs citations

30  
times ranked

694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Task Deep Learning for Image Segmentation Using Recursive Approximation Tasks. IEEE Transactions on Image Processing, 2021, 30, 3555-3567.	6.0	12
2	Variational Osmosis for Non-Linear Image Fusion. IEEE Transactions on Image Processing, 2020, 29, 5507-5516.	6.0	16
3	Learning to Segment Microscopy Images with Lazy Labels. Lecture Notes in Computer Science, 2020, , 411-428.	1.0	6
4	Diffusion and inpainting of reflectance and height LiDAR orthoimages. Computer Vision and Image Understanding, 2019, 179, 31-40.	3.0	5
5	Variational Contrast Enhancement of Gray-Scale and RGB Images. Journal of Mathematical Imaging and Vision, 2017, 57, 99-116.	0.8	18
6	Joint inpainting of depth and reflectance with visibility estimation. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 125, 16-32.	4.9	8
7	SuperPatchMatch: An Algorithm for Robust Correspondences Using Superpixel Patches. IEEE Transactions on Image Processing, 2017, 26, 4068-4078.	6.0	31
8	Interactive Video Colorization Within a Variational Framework. SIAM Journal on Imaging Sciences, 2017, 10, 2293-2325.	1.3	7
9	Hue-preserving perceptual contrast enhancement. , 2016, , .		4
10	Visibility estimation and joint inpainting of lidar depth maps. , 2016, , .		6
11	Facial Action Units intensity estimation by the fusion of features with multi-kernel Support Vector Machine. , 2015, , .		25
12	Luminance-Chrominance Model for Image Colorization. SIAM Journal on Imaging Sciences, 2015, 8, 536-563.	1.3	44
13	Synthetic Evidential Study as Augmented Collective Thought Process " Preliminary Report. Lecture Notes in Computer Science, 2015, , 13-22.	1.0	7
14	A Unified Model for Image Colorization. Lecture Notes in Computer Science, 2015, , 297-308.	1.0	4
15	Bag-of-bags of words irregular graph pyramids vs spatial pyramid matching for image retrieval. , 2014, , .		10
16	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
17	Exemplar-based colorization in RGB color space. , 2014, , .		14
18	Variational Exemplar-Based Image Colorization. IEEE Transactions on Image Processing, 2014, 23, 298-307.	6.0	87

#	ARTICLE	IF	CITATIONS
19	Multi-layer Local Graph Words for Object Recognition. Lecture Notes in Computer Science, 2012, , 29-39.	1.0	6
20	Image Editing With Spatiograms Transfer. IEEE Transactions on Image Processing, 2012, 21, 2513-2522.	6.0	4
21	Tracking with Occlusions via Graph Cuts. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 144-157.	9.7	41
22	Temporally Consistent Gradient Domain Video Editing. Lecture Notes in Computer Science, 2011, , 59-73.	1.0	5
23	A Comprehensive Framework for Image Inpainting. IEEE Transactions on Image Processing, 2010, 19, 2634-2645.	6.0	214
24	Stereoscopic Image Inpainting: Distinct Depth Maps and Images Inpainting. , 2010, , .		26
25	Detection and segmentation of moving objects in complex scenes. Computer Vision and Image Understanding, 2009, 113, 459-476.	3.0	59
26	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
27	Detection and segmentation of moving objects in highly dynamic scenes. , 2007, , .		54
28	Joint Tracking and Segmentation of Objects Using Graph Cuts. Lecture Notes in Computer Science, 2007, , 628-639.	1.0	1