Sylvain Paris

List of Publications by Year
in descending order

35 papers	5,455 citations	201674 27 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	3288 citing authors

#	Article	IF	Citations
1	Portrait Lighting Transfer Using a Mass Transport Approach. ACM Transactions on Graphics, 2018, 37, 1-15.	7.2	19
2	Deep Painterly Harmonization. Computer Graphics Forum, 2018, 37, 95-106.	3.0	42
3	A Dataset of Flash and Ambient Illumination Pairs from the Crowd. Lecture Notes in Computer Science, 2018, , 644-660.	1.3	28
4	Consistent Video Filtering for Camera Arrays. Computer Graphics Forum, 2017, 36, 397-407.	3.0	3
5	Intrinsic Decompositions for Image Editing. Computer Graphics Forum, 2017, 36, 593-609.	3.0	45
6	Deep Photo Style Transfer. , 2017, , .		412
7	Portrait Lighting Transfer Using a Mass Transport Approach. ACM Transactions on Graphics, 2017, 36, 1.	7.2	29
8	Halide. Communications of the ACM, 2017, 61, 106-115.	4.5	60
9	Automatic Portrait Segmentation for Image Stylization. Computer Graphics Forum, 2016, 35, 93-102.	3.0	123
10	Deep joint demosaicking and denoising. ACM Transactions on Graphics, 2016, 35, 1-12.	7.2	307
11	Band-Sifting Decomposition for Image-Based Material Editing. ACM Transactions on Graphics, 2015, 34, 1-16.	7.2	30
12	Local Laplacian filters. Communications of the ACM, 2015, 58, 81-91.	4.5	94
13	Style transfer for headshot portraits. ACM Transactions on Graphics, 2014, 33, 1-14.	7.2	147
14	Fast Local Laplacian Filters. ACM Transactions on Graphics, 2014, 33, 1-14.	7.2	144
15	Halide. , 2013, , .		469
16	User-assisted image compositing for photographic lighting. ACM Transactions on Graphics, 2013, 32, 1-12.	7.2	26
17	Accurate Binary Image Selection from Inaccurate User Input. Computer Graphics Forum, 2013, 32, 41-50.	3.0	28
18	Halide. ACM SIGPLAN Notices, 2013, 48, 519-530.	0.2	342

#	Article	IF	Citations
19	Decoupling algorithms from schedules for easy optimization of image processing pipelines. ACM Transactions on Graphics, 2012, 31, 1-12.	7.2	192
20	Coherent intrinsic images from photo collections. ACM Transactions on Graphics, 2012, 31, 1-11.	7.2	88
21	SimpleFlow: A Non‑iterative, Sublinear Optical Flow Algorithm. Computer Graphics Forum, 2012, 31, 345-353.	3.0	100
22	Local Laplacian filters. ACM Transactions on Graphics, 2011, 30, 1-12.	7.2	309
23	Error-Tolerant Image Compositing. Lecture Notes in Computer Science, 2010, , 31-44.	1.3	35
24	A Fast Approximation of the Bilateral Filter Using a Signal Processing Approach. International Journal of Computer Vision, 2009, 81, 24-52.	15.6	500
25	Single Photo Estimation of Hair Appearance. Computer Graphics Forum, 2009, 28, 1171-1180.	3.0	19
26	Light mixture estimation for spatially varying white balance. ACM Transactions on Graphics, 2008, 27, 1-7.	7.2	100
27	Bilateral Filtering: Theory and Applications. Foundations and Trends in Computer Graphics and Vision, 2008, 4, 1-75.	4.5	341
28	Hair photobooth. ACM Transactions on Graphics, 2008, 27, 1-9.	7.2	95
29	Real-time edge-aware image processing with the bilateral grid. ACM Transactions on Graphics, 2007, 26, 103.	7.2	338
30	A Topological Approach to Hierarchical Segmentation using Mean Shift. , 2007, , .		116
31	Real-time edge-aware image processing with the bilateral grid. , 2007, , .		159
32	A Surface Reconstruction Method Using Global Graph Cut Optimization. International Journal of Computer Vision, 2006, 66, 141-161.	15.6	51
33	Two-scale tone management for photographic look. ACM Transactions on Graphics, 2006, 25, 637-645.	7.2	268
34	Capture of hair geometry from multiple images. ACM Transactions on Graphics, 2004, 23, 712-719.	7.2	97
35	Robust acquisition of 3D informations from short image sequences. Graphical Models, 2003, 65, 222-238.	2.4	3