

# Mathieu Aubry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4217249/publications.pdf>

Version: 2024-02-01

28  
papers

2,148  
citations

1040056

9  
h-index

1199594

12  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially-Consistent Feature Matching and Learning for Heritage Image Analysis. International Journal of Computer Vision, 2022, 130, 1325-1339.	15.6	2
2	Bilinear Image Translation for Temporal Analysis of Photo Collections. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1197-1212.	13.9	0
3	Image Collation: Matching Illustrations in Manuscripts. Lecture Notes in Computer Science, 2021, , 351-366.	1.3	3
4	Large-Scale Historical Watermark Recognition: dataset and a new consistency-based approach. , 2021, , .		3
5	Deep Learning for Historical Data Analysis. , 2021, , .		2
6	Single-view robot pose and joint angle estimation via render & compare. , 2021, , .		14
7	Representing Shape Collections With Alignment-Aware Linear Models. , 2021, , .		1
8	Monte-Carlo Tree Search for Efficient Visually Guided Rearrangement Planning. IEEE Robotics and Automation Letters, 2020, 5, 3715-3722.	5.1	36
9	RANSAC-Flow: Generic Two-Stage Image Alignment. Lecture Notes in Computer Science, 2020, , 618-637.	1.3	49
10	docExtractor: An off-the-shelf historical document element extraction. , 2020, , .		17
11	Unsupervised cycle-consistent deformation for shape matching. Computer Graphics Forum, 2019, 38, 123-133.	3.0	18
12	Discovering Visual Patterns in Art Collections With Spatially-Consistent Feature Learning. , 2019, , .		51
13	A Papier-Mache Approach to Learning 3D Surface Generation. , 2018, , .		362
14	3D Sketching using Multi-View Deep Volumetric Prediction. Proceedings of the ACM on Computer Graphics and Interactive Techniques, 2018, 1, 1-22.	1.6	70
15	Virtual Training for a Real Application: Accurate Object-Robot Relative Localization Without Calibration. International Journal of Computer Vision, 2018, 126, 1045-1060.	15.6	13
16	3D-CODED: 3D Correspondences by Deep Deformation. Lecture Notes in Computer Science, 2018, , 235-251.	1.3	116
17	Deep Exemplar 2D-3D Detection by Adapting from Real to Rendered Views. , 2016, , .		53
18	Learning Dense Correspondence via 3D-Guided Cycle Consistency. , 2016, , .		209

#	ARTICLE	IF	CITATIONS
19	Crafting a multi-task CNN for viewpoint estimation. , 2016, , .		34
20	Visual Geo-localization of Non-photographic Depictions via 2D↔3D Alignment. Advances in Computer Vision and Pattern Recognition, 2016, , 255-275.	1.3	1
21	Understanding Deep Features with Computer-Generated Imagery. , 2015, , .		71
22	Painting-to-3D model alignment via discriminative visual elements. ACM Transactions on Graphics, 2014, 33, 1-14.	7.2	70
23	Fast Local Laplacian Filters. ACM Transactions on Graphics, 2014, 33, 1-14.	7.2	144
24	Seeing 3D Chairs: Exemplar Part-Based 2D-3D Alignment Using a Large Dataset of CAD Models. , 2014, , .		292
25	A Super-Resolution Framework for High-Accuracy Multiview Reconstruction. International Journal of Computer Vision, 2014, 106, 172-191.	15.6	46
26	Decoupling photometry and geometry in dense variational camera calibration. , 2011, , .		9
27	The wave kernel signature: A quantum mechanical approach to shape analysis. , 2011, , .		458
28	Machines and Masterpieces: Predicting Prices in the Art Auction Market. SSRN Electronic Journal, 0, , .	0.4	4