

# Simon Baker

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

9,946  
citations

394286

19  
h-index

752573

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

6240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lucas-Kanade 20 Years On: A Unifying Framework. International Journal of Computer Vision, 2004, 56, 221-255.	10.9	2,376
2	A Database and Evaluation Methodology for Optical Flow. International Journal of Computer Vision, 2011, 92, 1-31.	10.9	1,565
3	Multi-PIE. Image and Vision Computing, 2010, 28, 807-813.	2.7	1,450
4	Active Appearance Models Revisited. International Journal of Computer Vision, 2004, 60, 135-164.	10.9	1,282
5	The template update problem. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 810-815.	9.7	648
6	A Theory of Single-Viewpoint Catadioptric Image Formation. International Journal of Computer Vision, 1999, 35, 175-196.	10.9	517
7	A Database and Evaluation Methodology for Optical Flow. , 2007, , .		381
8	Multi-PIE. , 2008, , .		290
9	Generic vs. person specific active appearance models. Image and Vision Computing, 2005, 23, 1080-1093.	2.7	287
10	Appearance-based face recognition and light-fields. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 449-465.	9.7	219
11	Shape-From-Silhouette Across Time Part II: Applications to Human Modeling and Markerless Motion Tracking. International Journal of Computer Vision, 2005, 63, 225-245.	10.9	109
12	Shape-From-Silhouette Across Time Part I: Theory and Algorithms. International Journal of Computer Vision, 2005, 62, 221-247.	10.9	98
13	Parametric Feature Detection. International Journal of Computer Vision, 1998, 27, 27-50.	10.9	95
14	Active appearance models with occlusion. Image and Vision Computing, 2006, 24, 593-604.	2.7	95
15	Automatic construction of active appearance models as an image coding problem. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 1380-1384.	9.7	79
16	2D vs. 3D Deformable Face Models: Representational Power, Construction, and Real-Time Fitting. International Journal of Computer Vision, 2007, 75, 93-113.	10.9	77
17	Face De-identification. , 2009, , 129-146.		53
18	Filter flow. , 2009, , .		49

#	ARTICLE	IF	CITATIONS
19	Semi-supervised learning of multi-factor models for face de-identification. , 2008, , .		46
20	Face Recognition Across Pose and Illumination. , 2011, , 197-221.		45
21	Fisher Light-Fields for Face Recognition across Pose and Illumination. Lecture Notes in Computer Science, 2002, , 481-489.	1.0	37
22	Title is missing!. International Journal of Computer Vision, 2003, 53, 115-133.	10.9	31
23	The Asymmetry of Image Registration and Its Application to Face Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 807-823.	9.7	27
24	Multi-View AAM Fitting and Construction. International Journal of Computer Vision, 2008, 76, 183-204.	10.9	25
25	Resolution-Aware Fitting of Active Appearance Models to Low Resolution Images. Lecture Notes in Computer Science, 2006, , 83-97.	1.0	22
26	Face Recognition Across Pose and Illumination. , 2005, , 193-216.		20
27	Increasing the density of Active Appearance Models. , 2008, , .		12
28	The Theory and Practice of Coplanar Shadowgram Imaging for Acquiring Visual Hulls of Intricate Objects. International Journal of Computer Vision, 2009, 81, 259-280.	10.9	10
29	Super-Resolution: Limits and Beyond. , 2002, , 243-276.		1
30	Multilevel Spectral Partitioning for Efficient Image Segmentation and Tracking. , 2005, , .		0
31	Inverse Compositional Algorithm. , 2021, , 706-708.		0
32	Inverse Compositional Algorithm. , 2014, , 426-428.		0