Timo Kohlberger

List of Publications by Year in Descending Order

12 papers	767 citations

11 h-index	12 g-index

12 ext. papers	930 ext. citations

7.8 avg, IF	3.74 L-index

#	Paper	IF	Citations
12	An augmented reality microscope with real-time artificial intelligence integration for cancer diagnosis. *Nature Medicine*, **2019**, 25, 1453-1457	50.5	95
11	Whole-Slide Image Focus Quality: Automatic Assessment and Impact on AI Cancer Detection. *Journal of Pathology Informatics*, **2019**, 10, 39	4.4	26
10	Artificial Intelligence-Based Breast Cancer Nodal Metastasis Detection: Insights Into the Black Box for Pathologists. *Archives of Pathology and Laboratory Medicine*, **2019**, 143, 859-868	5	133
9	A Multigrid Platform for Real-Time Motion Computation with Discontinuity-Preserving Variational Methods. *International Journal of Computer Vision*, **2006**, 70, 257-277	10.6	117
8	Domain decomposition for variational optical-flow computation. *IEEE Transactions on Image Processing*, **2005**, 14, 1125-37	8.7	13
7	Variational optical flow computation in real time. *IEEE Transactions on Image Processing*, **2005**, 14, 608-15	8.7	105
6	Discontinuity-Preserving Computation of Variational Optic Flow in Real-Time. *Lecture Notes in Computer Science*, **2005**, 279-290	0.9	13
5	Real-Time Optic Flow Computation with Variational Methods. *Lecture Notes in Computer Science*, **2003**, 222-229	0.9	30
4	Shape statistics in kernel space for variational image segmentation. *Pattern Recognition*, **2003**, 36, 1929-1943	7.7	163
3	Variational Dense Motion Estimation Using the Helmholtz Decomposition. *Lecture Notes in Computer Science*, **2003**, 432-448	0.9	25
2	Nonlinear Shape Statistics in Mumford–Shah Based Segmentation. *Lecture Notes in Computer Science*, **2002**, 93-108	0.9	39
1	Nonlinear Shape Statistics via Kernel Spaces. *Lecture Notes in Computer Science*, **2001**, 269-276	0.9	8