Markus Flierl

List of Publications by Year
in descending order

40	686	1307594	1474206
papers	citations	7	9
		h-index	g-index

40	40	40	632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graph-Preserving Sparse Nonnegative Matrix Factorization With Application to Facial Expression Recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 38-52.	5.0	184
2	Bayesian estimation of Dirichlet mixture model with variational inference. Pattern Recognition, 2014, 47, 3143-3157.	8.1	147
3	Multiview Video Compression. IEEE Signal Processing Magazine, 2007, 24, 66-76.	5.6	90
4	Motion and Disparity Compensated Coding for Multiview Video. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 1474-1484.	8.3	78
5	Video coding with motion-compensated lifted wavelet transforms. Signal Processing: Image Communication, 2004, 19, 561-575.	3.2	60
6	A Motion-Compensated Orthogonal Transform with Energy-Concentration Constraint. , 2006, , .		15
7	Sift-based multi-view cooperative tracking for soccer video. , 2012, , .		14
8	Half-Pel Accurate Motion-Compensated Orthogonal Video Transforms. , 2007, , .		9
9	Probabilistic Multiview Depth Image Enhancement Using Variational Inference. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 435-448.	10.8	9
10	Depth consistency testing for improved view interpolation. , 2010, , .		8
11	Reliable Video Streaming With Strict Playout Deadline in Multihop Wireless Networks. IEEE Transactions on Multimedia, 2017, 19, 2238-2251.	7.2	8
12	Multiview depth map enhancement by variational bayes inference estimation of Dirichlet mixture models. , 2013, , .		7
13	Learning Product Codebooks Using Vector-Quantized Autoencoders for Image Retrieval. , 2019, , .		7
14	A New Bidirectionally Motion-Compensated Orthogonal Transform for Video Coding. , 2007, , .		5
15	A Variational Bayesian Inference Framework for Multiview Depth Image Enhancement. , 2012, , .		5
16	Sift-based improvement of depth imagery. , 2011, , .		4
17	Rate-distortion-optimized content-adaptive coding for immersive networked experience of sports events. , 2011, , .		4
18	Mobile 3D visual search using the Helmert transformation of stereo features. , 2013, , .		4

#	Article	IF	Citations
19	Adaptive spatialwavelets for motion-compensated orthogonal video transforms. , 2009, , .		3
20	Video coding with adaptive motion-compensated orthogonal transforms. , 2012, , .		3
21	Multiscale framework for adaptive and robust enhancement of depth in multi-view imagery. , 2012, , .		3
22	Statistical methods for inter-viewdepth enhancement. , 2014, , .		3
23	Hierarchically Structured Multi-view Features for Mobile Visual Search. , 2014, , .		3
24	Tree-Structured Vector Quantization for Similarity Queries. , 2017, , .		3
25	Sift-based modeling and coding of background scenes for multiview soccer video. , 2012, , .		2
26	Transform-based compression for quadratic similarity queries. , 2017, , .		2
27	Temporal Signal Basis for Hierarchical Block Motion in Image Sequences. IEEE Signal Processing Letters, 2018, 25, 10-14.	3.6	2
28	Facial expression recognition based on graph-preserving sparse non-negative matrix factorization. , 2009, , .		1
29	Geometry-based ranking for mobile 3D visual search using hierarchically structured multi-view features. , 2015, , .		1
30	Component-Based Quadratic Similarity Identification for Multivariate Gaussian Sources. , 2018, , .		1
31	Fractional-Pel Accurate Motion-Adaptive Transforms. IEEE Transactions on Image Processing, 2019, 28, 2731-2742.	9.8	1
32	A l<inf>1</inf>-norm preserving motion-compensated transform for sparse approximation of image sequences. , 2010, , .		0
33	Denoising of volumetric depth confidence for view rendering. , 2012, , .		0
34	3D Model Hypotheses for Player Segmentation and Rendering in Free-Viewpoint Soccer Video. , 2012, , .		0
35	H.264-Compatible Coding of Background Soccer Video Using Temporal Subbands. , 2012, , .		0
36	Graph-based construction and assessment of motion-adaptive transforms. , 2013, , .		0

#	Article	IF	Citations
37	Joint Geometric Verification and Ranking Using Multi-view Vocabulary Trees for Mobile 3D Visual Search. , 2015, , .		0
38	Energy Compaction on Graphs for Motion-Adaptive Transforms. , 2015, , .		0
39	Identification Rates for Block-correlated Gaussian Sources. , 2018, , .		0
40	PREDICTION-BASED SIMILARITY IDENTIFICATION FOR AUTOREGRESSIVE PROCESSES. , 2018, , .		0