

# King Ngi Ngan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

282  
papers

5,345  
citations

33  
h-index

63  
g-index

361  
ext. papers

6,499  
ext. citations

4.6  
avg, IF

6.05  
L-index

#	Paper	IF	Citations
282	Face segmentation using skin-color map in videophone applications. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1999</b> , 9, 551-564	6.4	385
281	Unsupervised extraction of visual attention objects in color images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2006</b> , 16, 141-145	6.4	295
280	A co-saliency model of image pairs. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 3365-75	8.7	250
279	Spatio-Temporal Just Noticeable Distortion Profile for Grey Scale Image/Video in DCT Domain. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2009</b> , 19, 337-346	6.4	186
278	Automatic segmentation of moving objects for video object plane generation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1998</b> , 8, 525-538	6.4	139
277	. <i>IEEE Transactions on Multimedia</i> , <b>2011</b> , 13, 935-949	6.6	128
276	Blind Image Quality Assessment Based on Multichannel Feature Fusion and Label Transfer. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2016</b> , 26, 425-440	6.4	116
275	. <i>IEEE Transactions on Multimedia</i> , <b>2011</b> , 13, 824-829	6.6	115
274	. <i>IEEE Transactions on Multimedia</i> , <b>2012</b> , 14, 1429-1441	6.6	110
273	. <i>IEEE Transactions on Multimedia</i> , <b>2012</b> , 14, 1275-1289	6.6	104
272	Video segmentation for content-based coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1999</b> , 9, 1190-1203	6.4	104
271	Image Retargeting Quality Assessment: A Study of Subjective Scores and Objective Metrics. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2012</b> , 6, 626-639	7.5	96
270	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 1896-1909	6.6	91
269	Admission control in IEEE 802.11e wireless LANs. <i>IEEE Network</i> , <b>2005</b> , 19, 6-13	11.4	83
268	. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , <b>1989</b> , 37, 1743-1750		79
267	Recent advances in rate control for video coding. <i>Signal Processing: Image Communication</i> , <b>2007</b> , 22, 19-388		77
266	A memory learning framework for effective image retrieval. <i>IEEE Transactions on Image Processing</i> , <b>2005</b> , 14, 511-24	8.7	72

265	Saliency model-based face segmentation and tracking in head-and-shoulder video sequences. <i>Journal of Visual Communication and Image Representation</i> , <b>2008</b> , 19, 320-333	2.7	70
264	An Efficient Frame-Content Based Intra Frame Rate Control for High Efficiency Video Coding. <i>IEEE Signal Processing Letters</i> , <b>2015</b> , 22, 896-900	3.2	66
263	. <i>IEEE Transactions on Multimedia</i> , <b>2009</b> , 11, 77-88	6.6	64
262	. <i>IEEE Transactions on Multimedia</i> , <b>2015</b> , 17, 2147-2159	6.6	62
261	Locating facial region of a head-and-shoulders color image		62
260	Unsupervised Video Segmentation With Low Depth of Field. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2007</b> , 17, 1742-1751	6.4	51
259	Low-Delay Rate Control for Consistent Quality Using Distortion-Based Lagrange Multiplier. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 2943-2955	8.7	51
258	Reduction of blocking artifacts in image and video coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1999</b> , 9, 490-500	6.4	50
257	A Perceptually Weighted Rank Correlation Indicator for Objective Image Quality Assessment. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	46
256	Weighted adaptive lifting-based wavelet transform for image coding. <i>IEEE Transactions on Image Processing</i> , <b>2008</b> , 17, 500-11	8.7	44
255	. <i>IEEE Transactions on Multimedia</i> , <b>2017</b> , 19, 2490-2504	6.6	38
254	Image Cosegmentation by Incorporating Color Reward Strategy and Active Contour Model. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 725-37	10.2	37
253	Simultaneously Detecting and Counting Dense Vehicles From Drone Images. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 9651-9662	8.9	35
252	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2012</b> , 22, 1100-1112	6.4	35
251	Reorganized DCT-based image representation for reduced reference stereoscopic image quality assessment. <i>Neurocomputing</i> , <b>2016</b> , 215, 21-31	5.4	34
250	. <i>IEEE Transactions on Multimedia</i> , <b>2016</b> , 18, 2228-2237	6.6	34
249	. <i>IEEE Transactions on Multimedia</i> , <b>2006</b> , 8, 1117-1124	6.6	33
248	An Object-Based Shot Boundary Detection Using Edge Tracing and Tracking. <i>Journal of Visual Communication and Image Representation</i> , <b>2001</b> , 12, 217-239	2.7	33

247	Blind Image Quality Assessment Using Local Consistency Aware Retriever and Uncertainty Aware Evaluator. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 2078-2089	6.4	32
246	Reduced-Reference Video Quality Assessment of Compressed Video Sequences. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2012</b> , 22, 1441-1456	6.4	32
245	Fast and Efficient Method for Block Edge Classification and Its Application in H.264/AVC Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2008</b> , 18, 756-768	6.4	32
244	A2RMNet: Adaptively Aspect Ratio Multi-Scale Network for Object Detection in Remote Sensing Images. <i>Remote Sensing</i> , <b>2019</b> , 11, 1594	5	31
243	Reduced-reference image quality assessment in reorganized DCT domain. <i>Signal Processing: Image Communication</i> , <b>2013</b> , 28, 884-902	2.8	31
242	<b>2010</b> ,		31
241	. <i>IEEE Transactions on Communications</i> , <b>1982</b> , 30, 257-265	6.9	31
240	. <i>IEEE Transactions on Multimedia</i> , <b>2011</b> , 13, 615-624	6.6	30
239	Adaptive Block-size Transform based Just-Noticeable Difference model for images/videos. <i>Signal Processing: Image Communication</i> , <b>2011</b> , 26, 162-174	2.8	30
238	Saliency detection using joint spatial-color constraint and multi-scale segmentation. <i>Journal of Visual Communication and Image Representation</i> , <b>2013</b> , 24, 465-476	2.7	29
237	4-D Wavelet-Based Multiview Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2006</b> , 16, 1385-1396	6.4	29
236	Experiments on two-dimensional decimation in time and orthogonal transform domains. <i>Signal Processing</i> , <b>1986</b> , 11, 249-263	4.4	29
235	Towards Rate-Distortion Tradeoff in Real-Time Color Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2007</b> , 17, 158-167	6.4	28
234	. <i>IEEE Transactions on Multimedia</i> , <b>2016</b> , 18, 590-602	6.6	27
233	Feature adaptive co-segmentation by complexity awareness. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 4809-24	8.7	27
232	No reference image quality assessment metric via multi-domain structural information and piecewise regression. <i>Journal of Visual Communication and Image Representation</i> , <b>2015</b> , 32, 205-216	2.7	26
231	Cell-loss concealment techniques for layered video codecs in an ATM network. <i>IEEE Transactions on Image Processing</i> , <b>1994</b> , 3, 666-77	8.7	25
230	Automatic video segmentation and tracking for content-based applications <b>2007</b> , 45, 27-33		24

229	Optimized Cross-Layer Design for Scalable Video Transmission Over the IEEE 802.11e Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2007</b> , 17, 1665-1678	6.4	24
228	Visual Quality Evaluation of Image Object Segmentation: Subjective Assessment and Objective Measure. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 5033-45	8.7	23
227	2-D Order-16 Integer Transforms for HD Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2009</b> , 19, 1462-1474	6.4	23
226	Predictive classified vector quantization. <i>IEEE Transactions on Image Processing</i> , <b>1992</b> , 1, 269-80	8.7	23
225	Spread spectrum image watermarking based on perceptual quality metric. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 3207-18	8.7	22
224	Real-Time Head Pose Tracking with Online Face Template Reconstruction. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 1922-8	13.3	21
223	Learning to Extract Focused Objects From Low DOF Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2011</b> , 21, 1571-1580	6.4	21
222	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1994</b> , 4, 309-316	6.4	21
221	Perceptual sensitivity-based rate control method for high efficiency video coding. <i>Multimedia Tools and Applications</i> , <b>2016</b> , 75, 10383-10396	2.5	20
220	Global salient information maximization for saliency detection. <i>Signal Processing: Image Communication</i> , <b>2012</b> , 27, 238-248	2.8	20
219	Additive log-logistic model for networked video quality assessment. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 1536-47	8.7	20
218	Image display techniques using the cosine transform. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , <b>1984</b> , 32, 173-177		20
217	Toward a Blind Quality Metric for Temporally Distorted Streaming Video. <i>IEEE Transactions on Broadcasting</i> , <b>2018</b> , 64, 367-378	4.7	19
216	Consistent Visual Quality Control in Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2013</b> , 23, 975-989	6.4	19
215	A multiview sequence CODEC with view scalability. <i>Signal Processing: Image Communication</i> , <b>2004</b> , 19, 239-256	2.8	19
214	. <i>IEEE Transactions on Multimedia</i> , <b>2017</b> , 19, 2545-2560	6.6	18
213	. <i>IEEE Transactions on Multimedia</i> , <b>2018</b> , 20, 2670-2682	6.6	18
212	. <i>IEEE Transactions on Multimedia</i> , <b>2011</b> , 13, 1230-1239	6.6	18

211	Improving WLAN VoIP Capacity Through Service Differentiation. <i>IEEE Transactions on Vehicular Technology</i> , <b>2008</b> , 57, 465-474	6.8	18
210	Objective Quality Assessment of Image Retargeting by Incorporating Fidelity Measures and Inconsistency Detection. <i>IEEE Transactions on Image Processing</i> , <b>2017</b> , 26, 5980-5993	8.7	17
209	Composite model-based DC dithering for suppressing contour artifacts in decompressed video. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 2110-21	8.7	17
208	Joint Motion and Disparity Fields Estimation for Stereoscopic Video Sequences. <i>Signal Processing: Image Communication</i> , <b>2005</b> , 20, 265-276	2.8	17
207	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1996</b> , 6, 375-388	6.4	17
206	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1994</b> , 4, 203-207	6.4	17
205	Global and local semantics-preserving based deep hashing for cross-modal retrieval. <i>Neurocomputing</i> , <b>2018</b> , 312, 49-62	5.4	16
204	Jaccard index compensation for object segmentation evaluation <b>2014</b> ,		16
203	Visual Horizontal Effect for Image Quality Assessment. <i>IEEE Signal Processing Letters</i> , <b>2010</b> , 17, 627-630	3.2	16
202	Implementation of H.264 on Mobile Device. <i>IEEE Transactions on Consumer Electronics</i> , <b>2007</b> , 53, 1109-1111	4.8	16
201	Improved single-video-object rate control for MPEG-4. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2003</b> , 13, 385-393	6.4	16
200	HeadNet: An End-to-End Adaptive Relational Network for Head Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 482-494	6.4	16
199	Hybrid human detection and recognition in surveillance. <i>Neurocomputing</i> , <b>2016</b> , 194, 10-23	5.4	15
198	Segmentation and tracking multiple objects under occlusion from multiview video. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 3308-13	8.7	15
197	High accuracy flashlight scene determination for shot boundary detection. <i>Signal Processing: Image Communication</i> , <b>2003</b> , 18, 203-219	2.8	15
196	Weakly Supervised Part Proposal Segmentation From Multiple Images. <i>IEEE Transactions on Image Processing</i> , <b>2017</b> , 26, 4019-4031	8.7	14
195	Subjective and Objective De-Raining Quality Assessment Towards Authentic Rain Image. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 3883-3897	6.4	14
194	. <i>IEEE Transactions on Multimedia</i> , <b>2020</b> , 22, 3039-3050	6.6	14

193	. <i>IEEE Transactions on Multimedia</i> , <b>2019</b> , 21, 114-123	6.6	14
192	Video Segmentation and Its Applications <b>2011</b> ,		14
191	A two-pass rate control algorithm for H.264/AVC high definition video coding. <i>Signal Processing: Image Communication</i> , <b>2009</b> , 24, 357-367	2.8	14
190	Efficient intra- and inter-mode selection algorithms for H.264/ AVC. <i>Journal of Visual Communication and Image Representation</i> , <b>2006</b> , 17, 322-344	2.7	14
189	Discriminative deep metric learning for asymmetric discrete hashing. <i>Neurocomputing</i> , <b>2020</b> , 380, 115-124	2.4	14
188	. <i>IEEE Transactions on Multimedia</i> , <b>2014</b> , 16, 933-946	6.6	13
187	Perceptual adaptive Lagrangian multiplier for high efficiency video coding <b>2013</b> ,		13
186	An efficient framework for image/video inpainting. <i>Signal Processing: Image Communication</i> , <b>2013</b> , 28, 753-762	2.8	13
185	Blind image quality assessment for Gaussian blur images using exact Zernike moments and gradient magnitude. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 4715-4733	4	13
184	Multi-layer authentication scheme for HEVC video based on embedded statistics. <i>Journal of Visual Communication and Image Representation</i> , <b>2016</b> , 40, 502-515	2.7	13
183	Study of subjective and objective quality assessment of retargeted images <b>2012</b> ,		12
182	Adaptive image retargeting using saliency-based continuous seam carving. <i>Optical Engineering</i> , <b>2010</b> , 49, 017002	1.1	12
181	Enhancing compression rate by just-noticeable distortion model for H.264/AVC <b>2009</b> ,		12
180	Multi-view video based multiple objects segmentation using graph cut and spatiotemporal projections. <i>Journal of Visual Communication and Image Representation</i> , <b>2010</b> , 21, 453-461	2.7	12
179	Distortion variation minimization in real-time video coding. <i>Signal Processing: Image Communication</i> , <b>2006</b> , 21, 273-279	2.8	12
178	An Efficient Intra Mode Selection Algorithm For H.264 Based On Fast Edge Classification <b>2007</b> ,		12
177	Very low bit rate video coding using H.263 coder. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>1996</b> , 6, 308-312	6.4	12
176	Feature Fusion With Predictive Weighting for Spectral Image Classification and Segmentation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 6792-6807	8.1	11

175	An Unsupervised Method to Extract Video Object via Complexity Awareness and Object Local Parts. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 1580-1594	6.4	11
174	Improved block level adaptive quantization for high efficiency video coding <b>2015</b> ,		11
173	Global propagation of affine invariant features for robust matching. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 2876-88	8.7	11
172	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 2186-2197	6.6	11
171	Linear rate-distortion models for MPEG-4 shape coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2004</b> , 14, 869-873	6.4	11
170	Anaglyph image generation by matching color appearance attributes. <i>Signal Processing: Image Communication</i> , <b>2013</b> , 28, 597-607	2.8	10
169	Scale- and affine-invariant fan feature. <i>IEEE Transactions on Image Processing</i> , <b>2011</b> , 20, 1627-40	8.7	10
168	Foreground/background video coding scheme		10
167	An MPEG-4-compatible stereoscopic/multiview video coding scheme. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2006</b> , 16, 286-290	6.4	10
166	. <i>IEEE Transactions on Multimedia</i> , <b>2002</b> , 4, 434-445	6.6	10
165	Adaptive transform coding of video signals. <i>IEE Proceedings, Part F: Communications, Radar and Signal Processing</i> , <b>1982</b> , 129, 28		10
164	Separable authentication in encrypted HEVC video. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 24165-24184	5.84	9
163	Depth enhancement using RGB-D guided filtering <b>2014</b> ,		9
162	Automatic face location for videophone images		9
161	Error resilient transmission of SPIHT coded images over fading channels. <i>IET Computer Vision</i> , <b>2001</b> , 148, 59		9
160	Foreground/background bit allocation for region-of-interest coding <b>2000</b> ,		9
159	Geometric modelling of IC die bonds for inspection. <i>Pattern Recognition Letters</i> , <b>1989</b> , 10, 47-52	4.7	9
158	High-Quality R-CNN Object Detection Using Multi-Path Detection Calibration Network. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 31, 715-727	6.4	9



157	Parametric Deformable Exponential Linear Units for deep neural networks. <i>Neural Networks</i> , <b>2020</b> , 125, 281-289	9.1	8
156	Interactive object segmentation in two phases. <i>Signal Processing: Image Communication</i> , <b>2018</b> , 65, 107-114	6.6	8
155	. <i>IEEE Transactions on Multimedia</i> , <b>2018</b> , 20, 310-322	6.6	8
154	Cosegmentation from similar backgrounds <b>2014</b> ,		8
153	Perceptual image compression via adaptive block- based super-resolution directed down-sampling <b>2011</b> ,		8
152	A Fast Rate-Distortion Optimization Algorithm for H.264/AVC <b>2007</b> ,		8
151	An efficient intra-mode selection algorithm for H.264 based on edge classification and rate-distortion estimation. <i>Signal Processing: Image Communication</i> , <b>2008</b> , 23, 699-710	2.8	8
150	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2019</b> , 29, 3083-3094	6.4	7
149	Globally Measuring the Similarity of Superpixels by Binary Edge Maps for Superpixel Clustering. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 906-919	6.4	7
148	Generic Proposal Evaluator: A Lazy Learning Strategy Toward Blind Proposal Quality Assessment. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2018</b> , 19, 306-319	6.1	7
147	How does the shape descriptor measure the perceptual quality of the retargeting image? <b>2014</b> ,		7
146	A Generative Model for Depth-Based Robust 3D Facial Pose Tracking <b>2017</b> ,		7
145	Video quality assessment by decoupling additive impairments and detail losses <b>2011</b> ,		7
144	Disparity map coding based on adaptive triangular surface modelling. <i>Signal Processing: Image Communication</i> , <b>1998</b> , 14, 119-130	2.8	7
143	Fast multiresolution motion estimation algorithms for wavelet-based scalable video coding. <i>Signal Processing: Image Communication</i> , <b>2007</b> , 22, 448-465	2.8	7
142	Joint texture-shape optimization for MPEG-4 multiple video objects. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2005</b> , 15, 1170-1174	6.4	7
141	The implementation of object-based shot boundary detection using edge tracing and tracking		7
140	Filters for drift reduction in frequency scalable video coding schemes. <i>Electronics Letters</i> , <b>1994</b> , 30, 471-472		7

139	Hybrid image coding scheme in incorporating human visual system characteristics. <i>Optical Engineering</i> , <b>1991</b> , 30, 940	1.1	7
138	Optimal bit allocation in HEVC for real-time video communications <b>2015</b> ,		6
137	Two-Layer Directional Transform for High Performance Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2012</b> , 22, 619-625	6.4	6
136	Video Quality Assessment based on Adaptive Block-size Transform Just-Noticeable Difference model <b>2010</b> ,		6
135	Motion trajectory based visual saliency for video quality assessment <b>2011</b> ,		6
134	A robust Markovian segmentation based on highest confidence first (HCF)		6
133	An efficient algorithm for H.264/AVC high definition video coding. <i>IEEE Transactions on Consumer Electronics</i> , <b>2008</b> , 54, 1852-1857	4.8	6
132	3-D Shape-Adaptive Directional Wavelet Transform for Object-Based Scalable Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2008</b> , 18, 888-899	6.4	6
131	3-D Object-Based Scalable Wavelet Video Coding With Boundary Effect Suppression. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2007</b> , 17, 639-644	6.4	6
130	Rate-constrained arbitrarily shaped video object coding with object-based rate control. <i>IET Computer Vision</i> , <b>2004</b> , 151, 250		6
129	Advanced rate control technologies for 3D-HDTV. <i>IEEE Transactions on Consumer Electronics</i> , <b>2003</b> , 49, 1498-1507	4.8	6
128	Scalable multiview video coding using wavelet		6
127	A Head Pose Tracking System Using RGB-D Camera. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 153-162	0.9	6
126	Beyond Synthetic Data: A Blind Deraining Quality Assessment Metric Towards Authentic Rain Image <b>2019</b> ,		5
125	Hybrid-loss supervision for deep neural network. <i>Neurocomputing</i> , <b>2020</b> , 388, 78-89	5.4	5
124	Boundary-Guided Optimization Framework for Saliency Refinement. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 491-495	3.2	5
123	Cascaded regression using landmark displacement for 3D face reconstruction. <i>Pattern Recognition Letters</i> , <b>2019</b> , 125, 766-772	4.7	5
122	Gaze-Based Object Segmentation. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 1493-1497	3.2	5

121	Recent advances and challenges of visual signal quality assessment. <i>China Communications</i> , <b>2013</b> , 10, 62-78	3	5
120	Depth enhancement based on hybrid geometric hole filling strategy <b>2013</b> ,		5
119	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2010</b> , 20, 1892-1897	6.4	5
118	<b>2007</b> , 45, 24-26		5
117	Image/Video Segmentation: Current Status, Trends, and Challenges <b>2011</b> , 1-23		5
116	No reference image quality metric via distortion identification and multi-channel label transfer <b>2014</b> ,		4
115	Temporal depth video enhancement based on intrinsic static structure <b>2014</b> ,		4
114	Motion-Depth: RGB-D Depth Map Enhancement with Motion and Depth in Complement <b>2014</b> ,		4
113	Rate-perceptual-distortion optimization (RpDO) based picture coding Issues and challenges <b>2014</b> ,		4
112	Automatic body segmentation with graph cut and self-adaptive initialization level set (SAILS). <i>Journal of Visual Communication and Image Representation</i> , <b>2011</b> , 22, 367-377	2.7	4
111	A real-time video transport system for the best-effort Internet. <i>Signal Processing: Image Communication</i> , <b>2005</b> , 20, 277-293	2.8	4
110	Long transition analysis for digital video sequences. <i>Circuits, Systems, and Signal Processing</i> , <b>2001</b> , 20, 113-141	2.2	4
109	. <i>IEEE Transactions on Circuits and Systems</i> , <b>1991</b> , 38, 1221-1225		4
108	External Calibration of Multi-camera System Based on Efficient Pair-wise Estimation <b>2007</b> , 497-509		4
107	Visual Quality Evaluation for Images and Videos. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 497-544	0.8	4
106	Visibility Constrained Generative Model for Depth-Based 3D Facial Pose Tracking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2019</b> , 41, 1994-2007	13.3	4
105	Boosting Scene Parsing Performance via Reliable Scale Prediction <b>2018</b> ,		4
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56	A rate distortion optimized transform for motion compensation residual <b>2013</b> ,		1
55	Blind proposal quality assessment via deep objectness representation and local linear regression <b>2017</b> ,		1
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