

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.

414 papers	13,857 citations	64 h-index	102 g-index
477 ext. papers	16,925 ext. citations	5.3 avg, IF	7.13 L-index

#	Paper	IF	Citations
4 ¹⁴	Perceptual visual quality metrics: A survey. <i>Journal of Visual Communication and Image Representation</i> , 2011 , 22, 297-312	2.7	615
4 ¹³	Image quality assessment based on gradient similarity. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1500-12	8.7	433
4 ¹²	The Analysis of Image Contrast: From Quality Assessment to Automatic Enhancement. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 284-97	10.2	243
4 ¹¹	Saliency detection in the compressed domain for adaptive image retargeting. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3888-901	8.7	226
4 ¹⁰	Learning a No-Reference Quality Assessment Model of Enhanced Images With Big Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1301-1313	10.3	214
4 ⁰⁹	Just noticeable distortion model and its applications in video coding. <i>Signal Processing: Image Communication</i> , 2005 , 20, 662-680	2.8	203
4 ⁰⁸	No-reference image sharpness assessment in autoregressive parameter space. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 3218-31	8.7	193
4 ⁰⁷	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1098-1110	6.6	189
4 ⁰⁶	Perceptual quality metric with internal generative mechanism. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 43-54	8.7	187
4 ⁰⁵	No-Reference Quality Metric of Contrast-Distorted Images Based on Information Maximization. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 4559-4565	10.2	184
4 ⁰⁴	A psychovisual quality metric in free-energy principle. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 41-52	8.7	173
4 ⁰³	No-Reference Image Blur Assessment Based on Discrete Orthogonal Moments. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 39-50	10.2	172
4 ⁰²	A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-Structures. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3903-3912	8.9	167
4 ⁰¹	A Patch-Structure Representation Method for Quality Assessment of Contrast Changed Images. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 2387-2390	3.2	164
4 ⁰⁰	Perceptual full-reference quality assessment of stereoscopic images by considering binocular visual characteristics. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 1940-53	8.7	162
399	Review of Visual Saliency Detection With Comprehensive Information. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 2941-2959	6.4	159
398	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 27-38	6.4	157

397	No-Reference Quality Assessment of Screen Content Pictures. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4005-4018	8.7	151
396	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 96-105	6.6	149
395	Just Noticeable Difference for Images With Decomposition Model for Separating Edge and Textured Regions. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2010 , 20, 1648-1652	6.4	146
394	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 2035-2048	6.6	144
393	Perceptual Quality Assessment of Screen Content Images. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4408-21	8.7	136
392	Modeling visual attention's modulatory aftereffects on visual sensitivity and quality evaluation. <i>IEEE Transactions on Image Processing</i> , 2005 , 14, 1928-42	8.7	131
391	Video saliency incorporating spatiotemporal cues and uncertainty weighting. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3910-21	8.7	130
390	Saliency detection for stereoscopic images. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2625-36	8.7	129
389	Improved estimation for just-noticeable visual distortion. <i>Signal Processing</i> , 2005 , 85, 795-808	4.4	128
388	No-Reference Quality Assessment for Multiply-Distorted Images in Gradient Domain. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 541-545	3.2	127
387	Motion-compensated residue preprocessing in video coding based on just-noticeable-distortion profile. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 742-752	6.4	127
386	Image quality assessment using multi-method fusion. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 1793-807	8.7	125
385	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 187-198	6.6	123
384	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1700-1705	6.6	119
383	Analysis of Distortion Distribution for Pooling in Image Quality Prediction. <i>IEEE Transactions on Broadcasting</i> , 2016 , 62, 446-456	4.7	116
382	Additive white Gaussian noise level estimation in SVD domain for images. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 872-83	8.7	116
381	Unified Blind Quality Assessment of Compressed Natural, Graphic, and Screen Content Images. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 5462-5474	8.7	116
380	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 432-443	6.6	114

379	Estimating Just-Noticeable Distortion for Video. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 820-829	6.4	114
378	. <i>IEEE Transactions on Industrial Informatics</i> , 2014 , 10, 2135-2145	11.9	108
377	Objective image quality assessment based on support vector regression. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 515-9		104
376	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 2457-2469	6.6	98
375	Image Retargeting Quality Assessment: A Study of Subjective Scores and Objective Metrics. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2012 , 6, 626-639	7.5	96
374	SVD-based quality metric for image and video using machine learning. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 347-64		94
373	Full-reference quality assessment of stereoscopic images by learning binocular receptive field properties. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2971-83	8.7	94
372	. <i>IEEE Transactions on Multimedia</i> , 2008 , 10, 1316-1324	6.6	90
371	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1705-1710	6.6	85
370	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1085-1097	6.6	83
369	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1783-1795	6.6	82
368	Model-Based Referenceless Quality Metric of 3D Synthesized Images Using Local Image Description. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 394-405	8.7	81
367	. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2014 , 4, 95-105	5.2	81
366	Just-noticeable difference estimation with pixels in images. <i>Journal of Visual Communication and Image Representation</i> , 2008 , 19, 30-41	2.7	81
365	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1030-1040	6.6	80
364	Enhanced Just Noticeable Difference Model for Images With Pattern Complexity. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2682-2693	8.7	79
363	Learning a blind quality evaluation engine of screen content images. <i>Neurocomputing</i> , 2016 , 196, 140-149	9.4	78
362	Visual distortion gauge based on discrimination of noticeable contrast changes. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 900-909	6.4	77

361	Fourier transform based scalable image quality measure. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3364-77	8.7	74
360	No Reference Quality Assessment for Screen Content Images With Both Local and Global Feature Representation. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 1600-1610	8.7	73
359	Efficient Image Deblocking Based on Postfiltering in Shifted Windows. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 122-126	6.4	72
358	Objective Quality Assessment for Image Retargeting Based on Perceptual Geometric Distortion and Information Loss. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2014 , 8, 377-389	7.5	71
357	Culturing fibroblasts in 3D human hair keratin hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5187-98	9.5	71
356	Mulsemmedia. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2014 , 11, 1-23	3.4	70
355	Adaptive downsampling to improve image compression at low bit rates. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 2513-21	8.7	70
354	No-reference quality assessment of deblocked images. <i>Neurocomputing</i> , 2016 , 177, 572-584	5.4	69
353	An Iterative Co-Saliency Framework for RGBD Images. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 233-246	10.2	67
352	Visual Saliency Detection With Free Energy Theory. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1552-1555	3.2	65
351	Evaluating Quality of Screen Content Images Via Structural Variation Analysis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018 , 24, 2689-2701	4	65
350	Reduced-Reference Quality Assessment of Screen Content Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1-14	6.4	64
349	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 311-323	6.6	62
348	NMF-Based Image Quality Assessment Using Extreme Learning Machine. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 232-243	10.2	61
347	Orientation selectivity based visual pattern for reduced-reference image quality assessment. <i>Information Sciences</i> , 2016 , 351, 18-29	7.7	61
346	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 914-926	6.6	59
345	Toward a Blind Deep Quality Evaluator for Stereoscopic Images Based on Monocular and Binocular Interactions. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 2059-74	8.7	59
344	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 278-290	6.6	58

343	Subjective and Objective Quality Assessment of Compressed Screen Content Images. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2016 , 6, 532-543	5.2	56
342	Semisupervised biased maximum margin analysis for interactive image retrieval. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 2294-308	8.7	55
341	. <i>Proceedings of the IEEE</i> , 2013 , 101, 2025-2043	14.3	54
340	Objective Quality Assessment and Perceptual Compression of Screen Content Images. <i>IEEE Computer Graphics and Applications</i> , 2018 , 38, 47-58	1.7	53
339	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 525-535	6.6	53
338	Learning Markov Clustering Networks for Scene Text Detection 2018 ,		53
337	Visual Orientation Selectivity Based Structure Description. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4602-13	8.7	52
336	Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3946-3955	11.9	52
335	Just Noticeable Difference Estimation for Screen Content Images. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3838-51	8.7	52
334	Three Dimensional Scalable Video Adaptation via User-End Perceptual Quality Assessment. <i>IEEE Transactions on Broadcasting</i> , 2008 , 54, 719-727	4.7	50
333	Rate control for videophone using local perceptual cues. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 496-507	6.4	50
332	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 219-232	6.6	48
331	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1843-1854	6.6	48
330	Pattern masking estimation in image with structural uncertainty. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 4892-904	8.7	48
329	BSD: Blind image quality assessment based on structural degradation. <i>Neurocomputing</i> , 2017 , 236, 93-103	3.4	47
328	Explore and Model Better I-Frames for Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2011 , 21, 1242-1254	6.4	47
327	Backward Registration-Based Aspect Ratio Similarity for Image Retargeting Quality Assessment. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4286-4297	8.7	47
326	. <i>IEEE Transactions on Multimedia</i> , 2008 , 10, 735-745	6.6	46

325	Direct intermode selection for H.264 video coding using phase correlation. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 461-73	8.7	45
324	A locally adaptive algorithm for measuring blocking artifacts in images and videos. <i>Signal Processing: Image Communication</i> , 2004 , 19, 499-506	2.8	45
323	Salient object detection with spatiotemporal background priors for video. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3425-3436	8.7	44
322	Hierarchical Alternate Interaction Network for RGB-D Salient Object Detection. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3528-3542	8.7	44
321	Scene-Based Movie Summarization Via Role-Community Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 1927-1940	6.4	42
320	Generalized biased discriminant analysis for content-based image retrieval. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 282-90		41
319	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 844-857	6.6	40
318	Skin heat transfer model of facial thermograms and its application in face recognition. <i>Pattern Recognition</i> , 2008 , 41, 2718-2729	7.7	40
317	Conjunctive patches subspace learning with side information for collaborative image retrieval. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3707-20	8.7	38
316	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 2163-2176	6.6	38
315	Just-Noticeable Difference-Based Perceptual Optimization for JPEG Compression. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 96-100	3.2	37
314	Learning Receptive Fields and Quality Lookups for Blind Quality Assessment of Stereoscopic Images. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 730-43	10.2	37
313	Learning Structural Regularity for Evaluating Blocking Artifacts in JPEG Images. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 918-922	3.2	37
312	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 1729-1742	6.4	37
311	Image Quality Assessment with Degradation on Spatial Structure. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 437-440	3.2	37
310	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 2104-2114	6.6	36
309	Low-Rank Decomposition-Based Restoration of Compressed Images via Adaptive Noise Estimation. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4158-4171	8.7	36
308	Salient region detection by fusing bottom-up and top-down features extracted from a single image. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 4389-98	8.7	36

307	Blind blur assessment for vision-based applications. <i>Journal of Visual Communication and Image Representation</i> , 2009 , 20, 231-241	2.7	36
306	A ParaBoost Method to Image Quality Assessment. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 107-121	10.3	35
305	A Prediction Backed Model for Quality Assessment of Screen Content and 3-D Synthesized Images. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 652-660	11.9	35
304	Blind Image Quality Assessment for Stereoscopic Images Using Binocular Guided Quality Lookup and Visual Codebook. <i>IEEE Transactions on Broadcasting</i> , 2015 , 61, 154-165	4.7	34
303	End-to-End Blind Image Quality Prediction With Cascaded Deep Neural Network. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 7414-7426	8.7	34
302	QoE-Guided Warping for Stereoscopic Image Retargeting. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4790-4805	8.7	33
301	Towards Robust Curve Text Detection With Conditional Spatial Expansion 2019 ,		33
300	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 323-335	6.4	33
299	Using Binocular Feature Combination for Blind Quality Assessment of Stereoscopic Images. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1548-1551	3.2	32
298	Screen image quality assessment incorporating structural degradation measurement 2015 ,		32
297	2010 ,		31
296	Multiple-Level Feature-Based Measure for Retargeted Image Quality. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 451-463	8.7	30
295	Scalable image quality assessment with 2D mel-cepstrum and machine learning approach. <i>Pattern Recognition</i> , 2012 , 45, 299-313	7.7	30
294	Visual quality assessment: recent developments, coding applications and future trends. <i>APSIPA Transactions on Signal and Information Processing</i> , 2013 , 2,	4.4	30
293	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1125-1136	6.6	29
292	Sparse Representation-Based Image Quality Index With Adaptive Sub-Dictionaries. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3775-86	8.7	29
291	Automated anterior segment OCT image analysis for Angle Closure Glaucoma mechanisms classification. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 130, 65-75	6.9	29
290	Learning Sparse Representation for Objective Image Retargeting Quality Assessment. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1276-1289	10.2	28

289	No-Reference Quality Assessment of Contrast-Distorted Images Based on Natural Scene Statistics. <i>IEEE Signal Processing Letters</i> , 2014 , 1-1	3.2	28
288	Bayesian Error Concealment With DCT Pyramid for Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2010 , 20, 1224-1232	6.4	28
287	Video Compression Artifact Reduction via Spatio-Temporal Multi-Hypothesis Prediction. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 6048-61	8.7	27
286	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 590-602	6.6	27
285	Image Quality Assessment Based on Local Linear Information and Distortion-Specific Compensation. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 915-926	8.7	26
284	SGDNet 2019 ,		26
283	A multi-metric fusion approach to visual quality assessment 2011 ,		26
282	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1796-1807	6.6	25
281	Models of Monocular and Binocular Visual Perception in Quality Assessment of Stereoscopic Images. <i>IEEE Transactions on Computational Imaging</i> , 2016 , 2, 123-135	4.5	25
280	Visual distortion assessment with emphasis on spatially transitional regions. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2004 , 14, 559-566	6.4	25
279	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1221-1234	6.6	25
278	2013 ,		25
277	Learning a referenceless stereopair quality engine with deep nonnegativity constrained sparse autoencoder. <i>Pattern Recognition</i> , 2018 , 76, 242-255	7.7	24
276	Cross-Examination for Angle-Closure Glaucoma Feature Detection. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016 , 20, 343-54	7.2	24
275	On Predicting Visual Comfort of Stereoscopic Images: A Learning to Rank Based Approach. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 302-306	3.2	24
274	Multiple Description Video Coding Based on Human Visual System Characteristics. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 1390-1394	6.4	24
273	Reducing location map in prediction-based difference expansion for reversible image data embedding. <i>Signal Processing</i> , 2012 , 92, 819-828	4.4	24
272	Geometric Optimum Experimental Design for Collaborative Image Retrieval. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 346-359	6.4	24

271	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 1127-1139	6.6	24
270	Audio and face video emotion recognition in the wild using deep neural networks and small datasets 2016 ,		24
269	A Highly Efficient Blind Image Quality Assessment Metric of 3-D Synthesized Images Using Outlier Detection. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4120-4128	11.9	24
268	A closed-form estimate of 3D ICP covariance 2015 ,		23
267	Learning ECOC Code Matrix for Multiclass Classification with Application to Glaucoma Diagnosis. <i>Journal of Medical Systems</i> , 2016 , 40, 78	5.1	23
266	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2738-2749	6.6	23
265	Scale and orientation invariant text segmentation for born-digital compound images. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 533-47	10.2	23
264	Video coding using the most common frame in scene 2010 ,		23
263	No-reference noticeable blockiness estimation in images. <i>Signal Processing: Image Communication</i> , 2008 , 23, 417-432	2.8	23
262	Improved Super-Resolution Reconstruction From Video. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 1411-1422	6.4	23
261	. <i>IEEE Transactions on Broadcasting</i> , 2020 , 66, 127-139	4.7	23
260	Saliency-based stereoscopic image retargeting. <i>Information Sciences</i> , 2016 , 372, 347-358	7.7	22
259	Stereoscopic Visual Attention Guided Seam Carving for Stereoscopic Image Retargeting. <i>Journal of Display Technology</i> , 2016 , 12, 22-30		22
258	Depth Map Coding for View Synthesis Based on Distortion Analyses. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2014 , 4, 106-117	5.2	22
257	Spread spectrum image watermarking based on perceptual quality metric. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 3207-18	8.7	22
256	Using edge direction information for measuring blocking artifacts of images. <i>Multidimensional Systems and Signal Processing</i> , 2007 , 18, 297-308	1.8	22
255	Studying Personality through the Content of Posted and Liked Images on Twitter 2017 ,		21
254	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 93-106	6.6	21

253	CVIQD: Subjective quality evaluation of compressed virtual reality images 2017 ,		21
252	Subjective quality assessment of Screen Content Images 2014 ,		21
251	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1833-1843	6.4	20
250	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1821-1836	6.6	20
249	GridSAR: Grid strength and regularity for robust evaluation of blocking artifacts in JPEG images. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 30, 153-163	2.7	20
248	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 2174-2184	6.6	20
247	Personality-assisted Multi-task Learning for Generic and Personalized Image Aesthetics Assessment. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	20
246	. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012 , 20, 1217-1232		20
245	Additive log-logistic model for networked video quality assessment. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 1536-47	8.7	20
244	Do Others Perceive You As You Want Them To? 2015 ,		20
243	Efficient quadtree based block-shift filtering for deblocking and deringing. <i>Journal of Visual Communication and Image Representation</i> , 2009 , 20, 595-607	2.7	20
242	Visual acuity inspired saliency detection by using sparse features. <i>Information Sciences</i> , 2015 , 309, 1-10	7.7	19
241	EPhase poly(vinylidene fluoride) films encouraged more homogeneous cell distribution and more significant deposition of fibronectin towards the cell-material interface compared to Ephase poly(vinylidene fluoride) films. <i>Materials Science and Engineering C</i> , 2014 , 34, 345-53	8.3	19
240	A visual attention model combining top-down and bottom-up mechanisms for salient object detection 2011 ,		19
239	Perceptual quality and objective quality measurements of compressed videos. <i>Journal of Visual Communication and Image Representation</i> , 2006 , 17, 717-737	2.7	19
238	Fine-Grained Quality Assessment for Compressed Images. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 1163-1175	8.7	19
237	Image retargeting quality assessment based on support vector regression. <i>Signal Processing: Image Communication</i> , 2015 , 39, 444-456	2.8	18
236	Toward Domain Transfer for No-Reference Quality Prediction of Asymmetrically Distorted Stereoscopic Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 573-585	6.4	18

235	Modelling Human Factors in Perceptual Multimedia Quality 2015 ,		18
234	B-SHOT: A binary feature descriptor for fast and efficient keypoint matching on 3D point clouds 2015 ,		18
233	Surveillance video coding via low-rank and sparse decomposition 2012 ,		18
232	Quality assessment of retargeted images by salient region deformity analysis. <i>Journal of Visual Communication and Image Representation</i> , 2017 , 43, 108-118	2.7	17
231	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 659-674	6.6	17
230	Perceptual screen content image quality assessment and compression 2015 ,		17
229	Robust image compression based on compressive sensing 2010 ,		17
228	Intermediate Deep Feature Compression: Toward Intelligent Sensing. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	17
227	PM ³ Monitoring: Use Information Abundance Measurement and Wide and Deep Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 4278-4290	10.3	17
226	Performance Evaluation of Visual Tracking Algorithms on Video Sequences With Quality Degradation. <i>IEEE Access</i> , 2017 , 5, 2430-2441	3.5	16
225	B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. <i>Autonomous Robots</i> , 2017 , 41, 1501-1520	3	16
224	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2042-2056	6.6	16
223	A Data-Driven Point Cloud Simplification Framework for City-Scale Image-Based Localization. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 262-275	8.7	16
222	Blind Image Blur Identification in Cepstrum Domain 2007 ,		16
221	Measuring the negative impact of frame dropping on perceptual visual quality 2005 , 5666, 554		16
220	Color image quality assessment based on sparse representation and reconstruction residual. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 38, 550-560	2.7	16
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