NIMA: Neural Image Assessment

IEEE Transactions on Image Processing 27, 3998-4011 DOI: 10.1109/tip.2018.2831899

Citation Report

#	Article	IF	CITATIONS
1	Low-Light Image Enhancement Based on Joint Generative Adversarial Network and Image Quality Assessment. , 2018, , .		6
2	MLANs: Image Aesthetic Assessment via Multi-Layer Aggregation Networks. , 2018, , .		6
3	The Unreasonable Effectiveness of Deep Features as a Perceptual Metric. , 2018, , .		4,131
4	Attention-based Multi-Patch Aggregation for Image Aesthetic Assessment. , 2018, , .		65
5	Aesthetic, Art-Historical and Economic Values in Painting: Empirical Study. SSRN Electronic Journal, 2018, , .	0.4	1
6	Image Synthesis with Aesthetics-Aware Generative Adversarial Network. Lecture Notes in Computer Science, 2018, , 169-179.	1.0	2
7	Learned perceptual image enhancement. , 2018, , .		37
8	Blind Quality Assessment of Multiply Distorted Images Using Deep Neural Networks. Lecture Notes in Computer Science, 2019, , 89-101.	1.0	4
9	Context in Photo Albums. ACM Transactions on Applied Perception, 2019, 16, 1-20.	1.2	6
10	Predicting Image Aesthetics for Intelligent Tourism Information Systems. Electronics (Switzerland), 2019, 8, 671.	1.8	7
11	Will the Machine Like Your Image?Automatic Assessment of Beauty in Images with Machine Learning Techniques â€. Inventions, 2019, 4, 34.	1.3	9
12	Social Media Popularity Prediction. , 2019, , .		29
13	Human Brain and Artificial Intelligence. Communications in Computer and Information Science, 2019, , .	0.4	2
14	Personalized Capsule Wardrobe Creation with Garment and User Modeling. , 2019, , .		27
15	No-Reference Image Quality Assessment Based on Multi-Task Generative Adversarial Network. IEEE Access, 2019, 7, 146893-146902.	2.6	6
16	A Comprehensive Performance Evaluation of Image Quality Assessment Algorithms. IEEE Access, 2019, 7, 140030-140070.	2.6	75
17	Deep Objective Quality Assessment Driven Single Image Super-Resolution. IEEE Transactions on Multimedia, 2019, 21, 2957-2971.	5.2	39
18	A Gated Peripheral-Foveal Convolutional Neural Network for Unified Image Aesthetic Prediction. IEEE Transactions on Multimedia, 2019, 21, 2815-2826.	5.2	66

TION RE

# 19	ARTICLE Predicting the Attractiveness of Real-Estate Images by Pairwise Comparison using Deep Learning. , 2019, , .	IF	Citations 3
20	Property-Specific Aesthetic Assessment With Unsupervised Aesthetic Property Discovery. IEEE Access, 2019, 7, 114349-114362.	2.6	9
21	Colornet - Estimating Colorfulness in Natural Images. , 2019, , .		7
22	Progressive Image Enhancement under Aesthetic Guidance. , 2019, , .		7
23	Naturalness Preserved Image Aesthetic Enhancement with Perceptual Encoder Constraint. , 2019, , .		0
24	Automatic CNN-based detection of cardiac MR motion artefacts using k-space data augmentation and curriculum learning. Medical Image Analysis, 2019, 55, 136-147.	7.0	71
25	Exploiting Aesthetic Features in Visual Contents for Movie Recommendation. IEEE Access, 2019, 7, 49813-49821.	2.6	4
26	An Universal Image Attractiveness Ranking Framework. , 2019, , .		9
27	Naturalness-Aware Deep No-Reference Image Quality Assessment. IEEE Transactions on Multimedia, 2019, 21, 2603-2615.	5.2	78
28	Aspect-Ratio-Preserving Multi-Patch Image Aesthetics Score Prediction. , 2019, , .		15
29	Modeling Image Composition for Visual Aesthetic Assessment. , 2019, , .		4
30	Predicting Subjectivity in Image Aesthetics Assessment. , 2019, , .		5
31	Context-Aware Image Matting for Simultaneous Foreground and Alpha Estimation. , 2019, , .		88
32	Scoot: A Perceptual Metric for Facial Sketches. , 2019, , .		31
33	Blur Detection in Identity Images Using Convolutional Neural Network. , 2019, , .		2
34	Photo Filter Classification and Filter Recommendation without Much Manual Labeling. , 2019, , .		4
35	Towards Beauty: Robot Following Aesthetics Gradients. , 2019, , .		0
36	Photo Filter Recommendation Through Analyzing Objects, Scenes and Aesthetics. , 2019, , .		0

#	Article	IF	Citations
37	Staining of Unstained Histology using Style Transfer with Colour-Based Segmentation. , 2019, , .		0
38	CNN-Based Cross-Dataset No-Reference Image Quality Assessment. , 2019, , .		11
39	Image Aesthetic Assessment Based on Pairwise Comparison Â-A Unified Approach to Score Regression, Binary Classification, and Personalization. , 2019, , .		25
40	Aesthetic Style Transfer through Text-to-image Synthesis and Image-to-image Translation. , 2019, , .		2
41	Human Visual Perception Based Image Quality Assessment for Video Prediction. , 2019, , .		3
42	Translation line UAV inspection Image quality assessment based on Salient edge Blur Metric. , 2019, , .		0
43	Deep Learning with XGBoost for Real Estate Appraisal. , 2019, , .		34
44	Deep Learning for motion based video aesthetics. , 2019, , .		2
45	A Comprehensive Survey on Image Aesthetic Quality Assessment. , 2019, , .		6
46	Visualization Assessment: A Machine Learning Approach. , 2019, , .		13
47	Effective Aesthetics Prediction With Multi-Level Spatially Pooled Features. , 2019, , .		89
48	Incremental Learning of Multi-Tasking Networks for Aesthetic Radar Map Prediction. IEEE Access, 2019, 7, 183647-183655.	2.6	2
49	A CNN-Based Blind Denoising Method for Endoscopic Images. , 2019, , .		5
50	Demand prediction for e-commerce advertisements: A comparative study using state-of-the-art machine learning methods. , 2019, , .		6
51	USRRM: Pairwise Ranking and Scoring Images Using Its Aesthetic Quality. IEEE Access, 2019, 7, 141171-141178.	2.6	1
52	Application Guided Image Quality Estimation Based on Classification. , 2019, , .		4
53	Compatibility Modeling: Data and Knowledge Applications for Clothing Matching. Synthesis Lectures on Information Concepts, Retrieval, and Services, 2019, 11, 1-138.	0.6	5
54	A Unified Probabilistic Formulation of Image Aesthetic Assessment. IEEE Transactions on Image Processing, 2020, 29, 1548-1561.	6.0	52

ARTICLE IF CITATIONS # The missing link in image quality assessment in digital dental radiography. Oral Radiology, 2020, 36, 55 0.9 4 313-319. No-reference image quality assessment using fusion metric. Multimedia Tools and Applications, 2020, 2.6 79, 2109-2125. 57 Vision models for gamut mapping in cinema., 2020, , 185-213. 0 Deep learning-based image super-resolution considering quantitative and perceptual quality. Neurocomputing, 2020, 398, 347-359. SPCM: Image quality assessment based on symmetry phase congruency. Applied Soft Computing Journal, 59 4.1 7 2020, 87, 105987. Unsupervised image translation using adversarial networks for improved plant disease recognition. Computers and Electronics in Agriculture, 2020, 168, 105117. 3.7 61 Rank-Smoothed Pairwise Learning In Perceptual Quality Assessment., 2020,,. 5 Towards Unsupervised Deep Image Enhancement With Generative Adversarial Network. IEEE 6.0 60 Transactions on Image Processing, 2020, 29, 9140-9151. 63 Predictive Intelligence in Medicine. Lecture Notes in Computer Science, 2020, , . 1.0 2 Residual Networks Based Distortion Classification and Ranking for Laparoscopic Image Quality Assessment., 2020,,. On the use of a scanpath predictor and convolutional neural network for blind image quality 65 1.8 18 assessment. Signal Processing: Image Communication, 2020, 89, 115963. Review of the State of the Art of Deep Learning for Plant Diseases: A Broad Analysis and Discussion. 1.6 Plants, 2020, 9, 1302. Overwater Image Dehazing via Cycle-Consistent Generative Adversarial Network. Electronics 67 1.8 3 (Switzerland), 2020, 9, 1877. An analysis and prediction model of outsiders percentage as a new popularity metric on Instagram. ICT 3.3 Express, 2020, 6, 243-248. NDNetGaming - development of a no-reference deep CNN for gaming video quality prediction. 69 2.6 20 Multimedia Tools and Applications, 2022, 81, 3181-3203. Spatial Attentive Image Aesthetic Assessment., 2020,,. 71 Self-Supervised Domain Mismatch Estimation for Autonomous Perception., 2020,,. 16 ColorFool: Semantic Adversarial Colorization., 2020,,.

#	Article	IF	CITATIONS
73	Assessing Image Quality Issues for Real-World Problems. , 2020, , .		30
74	Learning to Observe: Approximating Human Perceptual Thresholds for Detection of Suprathreshold Image Transformations. , 2020, , .		4
75	From Patches to Pictures (PaQ-2-PiQ): Mapping the Perceptual Space of Picture Quality. , 2020, , .		116
76	Subjective Quality Assessment For Youtube Ugc Dataset. , 2020, , .		10
77	Learning Image Aesthetics by Learning Inpainting. , 2020, , .		4
78	A Multi-Patch Aggregated Aesthetic Rating System Based on Eyefixation. , 2020, , .		0
79	Super-Resolving Commercial Satellite Imagery Using Realistic Training Data. , 2020, , .		8
80	Voice over LTE Quality Evaluation Using Convolutional Neural Networks. , 2020, , .		2
82	Adaptive Fractional Dilated Convolution Network for Image Aesthetics Assessment. , 2020, , .		47
83	MetalQA: Deep Meta-Learning for No-Reference Image Quality Assessment. , 2020, , .		183
84	GIFnets: Differentiable GIF Encoding Framework. , 2020, , .		3
85	Composition-Aware Image Aesthetics Assessment. , 2020, , .		38
86	Characterizing Tourism Destination Image Using Photos' Visual Content. ISPRS International Journal of Geo-Information, 2020, 9, 730.	1.4	30
87	Less-Known Tourist Attraction Discovery Based on Geo-Tagged Photographs. Machine Learning and Knowledge Extraction, 2020, 2, 414-435.	3.2	0
88	Dynamic Receptive Field Generation for Full-Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2020, 29, 4219-4231.	6.0	31
89	Diagnostic Image Quality Assessment and Classification in Medical Imaging: Opportunities and Challenges. , 2020, 2020, 337-340.		15
90	Smarttext: Learning To Generate Harmonious Textual Layout Over Natural Image. , 2020, , .		9
91	Raindrop Removal With Light Field Image Using Image Inpainting. IEEE Access, 2020, 8, 58416-58426.	2.6	6

		CITATION REPORT		
#	ARTICLE Measuring quality of walkable urban environment through experiential modeling. , 2020) 373-392	IF	CITATIONS
92	measuring quality of walkable droan environment through experiential modeling. , 2020	,, <i>373-392</i> .		0
93	Deep Learning for Image Super-Resolution: A Survey. IEEE Transactions on Pattern Analy Machine Intelligence, 2021, 43, 3365-3387.	vsis and	9.7	774
94	Representation learning of image composition for aesthetic prediction. Computer Vision Understanding, 2020, 199, 103024.	n and Image	3.0	13
95	Multitask Attentive Network For Text Effects Quality Assessment. , 2020, , .			1
96	Personalized Image Aesthetics Assessment via Meta-Learning With Bilevel Gradient Opt Transactions on Cybernetics, 2022, 52, 1798-1811.	imization. IEEE	6.2	29
97	High Quality Light Field Extraction and Post-Processing for Raw Plenoptic Data. IEEE Tra Image Processing, 2020, 29, 4188-4203.	nsactions on	6.0	9
98	KonIQ-10k: An Ecologically Valid Database for Deep Learning of Blind Image Quality Ass Transactions on Image Processing, 2020, 29, 4041-4056.	essment. IEEE	6.0	277
99	Personality-Assisted Multi-Task Learning for Generic and Personalized Image Aesthetics IEEE Transactions on Image Processing, 2020, 29, 3898-3910.	Assessment.	6.0	72
100	Perceptual image quality assessment: a survey. Science China Information Sciences, 202	20, 63, 1.	2.7	314
101	Eagle-Eyed Multitask CNNs for Aerial Image Retrieval and Scene Classification. IEEE Tran Geoscience and Remote Sensing, 2020, 58, 6699-6721.	sactions on	2.7	19
102	Aesthetic Evaluation of Food Plate Images using Deep Learning. , 2020, , .			2
103	Beyond Vision: A Multimodal Recurrent Attention Convolutional Neural Network for Un Aesthetic Prediction Tasks. IEEE Transactions on Multimedia, 2021, 23, 611-623.	ified Image	5.2	29
104	Kernel-Ridge Regression-Based Quality Measure and Enhancement of Three-Dimensiona Images. IEEE Transactions on Industrial Electronics, 2021, 68, 423-433.	l-Synthesized	5.2	14
105	Quality assessment of compressed and resized medical images based on pattern recogn convolutional neural network. Communications in Nonlinear Science and Numerical Sim 95, 105582.	nition using a nulation, 2021,	1.7	14
106	What Makes Politicians' Instagram Posts Popular? Analyzing Social Media Strategie Office Holders with Computer Vision. International Journal of Press/Politics, 2021, 26, 1	s of Candidates and 43-166.	3.0	36
107	Image Aesthetics Assessment Based on Multi-stream CNN Architecture and Saliency Fea Artificial Intelligence, 2021, 35, 25-40.	itures. Applied	2.0	15
108	Learning to assess visual aesthetics of food images. Computational Visual Media, 2021,	7, 139-152.	10.8	12
109	MSCAN: Multimodal Self-and-Collaborative Attention Network for image aesthetic pred Neurocomputing, 2021, 430, 14-23.	iction tasks.	3.5	16

#	Article	IF	CITATIONS
110	Blind Omnidirectional Image Quality Assessment With Viewport Oriented Graph Convolutional Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1724-1737.	5.6	64
111	Deep Neural Framework with Visual Attention and Global Context for Predicting Image Aesthetics. IEEE Access, 2021, , 1-1.	2.6	4
112	Vision Models for Wide Color Gamut Imaging in Cinema. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1777-1790.	9.7	12
113	Selecting Cover Images for Restaurant Reviews: Al vs. Wisdom of the Crowd. SSRN Electronic Journal, 0, , .	0.4	1
114	Learning Generalized Spatial-Temporal Deep Feature Representation for No-Reference Video Quality Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1903-1916.	5.6	35
115	Harmonious Textual Layout Generation Over Natural Images via Deep Aesthetics Learning. IEEE Transactions on Multimedia, 2022, 24, 3416-3428.	5.2	7
116	Athec: A Python Library for Computational Aesthetic Analysis of Visual Media in Social Science Research. SSRN Electronic Journal, 0, , .	0.4	1
117	A Theoretical Insight Into the Effect of Loss Function for Deep Semantic-Preserving Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 119-133.	7.2	4
118	Deep Learning Based Image Enhancement and Black Box Filter Parameter Estimation. Communications in Computer and Information Science, 2021, , 174-183.	0.4	0
119	Active Fine-Tuning from gMAD Examples Improves Blind Image Quality Assessment. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	9
120	Joint Face Image Restoration and Frontalization for Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1285-1298.	5.6	27
121	Social-sensed Image Aesthetics Assessment. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-19.	3.0	5
122	Predicting the Quality of Compressed Videos With Pre-Existing Distortions. IEEE Transactions on Image Processing, 2021, 30, 7511-7526.	6.0	16
123	Effective Universal Unrestricted Adversarial Attacks Using a MOE Approach. Lecture Notes in Computer Science, 2021, , 552-567.	1.0	4
124	UAV Based Vehicle Detection with Synthetic Training: Identification of Performance Factors Using Image Descriptors and Machine Learning. Lecture Notes in Computer Science, 2021, , 62-85.	1.0	2
125	Deep Tone-Mapping Operator Using Image Quality Assessment Inspired Semi-Supervised Learning. IEEE Access, 2021, 9, 73873-73889.	2.6	10
126	Technological Development of Image Aesthetics Assessment. Lecture Notes in Computer Science, 2021, , 341-352.	1.0	0
127	Convolutional Ordinal Regression Forest for Image Ordinal Estimation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4084-4095.	7.2	12

ARTICLE IF CITATIONS # Character Photo Selection for Mobile Platform. Communications in Computer and Information 128 0.4 1 Science, 2021, , 142-156. 129 Rank-based ordinal classification., 2021,,. A Comprehensive Survey on Computational Aesthetic Evaluation of Visual Art Images: Metrics and 130 2.6 10 Challenges. IEEE Access, 2021, 9, 77164-77187. Generalizable No-Reference Image Quality Assessment via Deep Meta-Learning. IEEE Transactions on 24 Circuits and Systems for Video Technology, 2022, 32, 1048-1060. Investigation of Approaches to Computerized Evaluation of Objects of Art., 2021,,. 132 0 Low Quality and Recognition of Image Content. IEEE Transactions on Multimedia, 2022, 24, 3595-3610. 5.2 Wallpaper Texture Generation and Style Transfer Based on Multi-Label Semantics. IEEE Transactions on 134 5.6 5 Circuits and Systems for Video Technology, 2022, 32, 1552-1563. Consolidated Dataset and Metrics for High-Dynamic-Range Image Quality. IEEE Transactions on 5.2 Multimedia, 2022, 24, 2125-2138. Deep Learning Thermal Image Translation for Night Vision Perception. ACM Transactions on Intelligent 136 2.9 20 Systems and Technology, 2021, 12, 1-18. Enhanced Image Reconstruction with Quality-Weighted Iterative Deconvolution (QWID)., 2021, , . Joint regression and learning from pairwise rankings for personalized image aesthetic assessment. 138 10.8 6 Computational Visual Media, 2021, 7, 241-252. ProtoAI: Model-Informed Prototyping for AI-Powered Interfaces., 2021, , . A Hybrid Bandit Model with Visual Priors for Creative Ranking in Display Advertising., 2021, , . 140 10 Projected Distribution Loss for Image Enhancement., 2021, , . 141 142 Image Aesthetic Assessment Based on Emotion-Assisted Multi-Task Learning Network., 2021, , . 4 M2FN: Multi-step modality fusion for advertisement image assessment. Applied Soft Computing Journal, 143 2021, 103, 107116. Overview and research progress of no reference image quality evaluation methods. Journal of 144 0.3 2 Physics: Conference Series, 2021, 1914, 012035. 145 Self-Supervised Multi-Task Pretraining Improves Image Aesthetic Assessment., 2021, , .

#	Article	IF	CITATIONS
146	Towards A Process Model for Co-Creating Al Experiences. , 2021, , .		13
147	Saliency aware image cropping with latent region pair. Expert Systems With Applications, 2021, 171, 114596.	4.4	10
148	EGB: Image Quality Assessment based on Ensemble of Gradient Boosting. , 2021, , .		8
149	A User-Centered Approach for Recognizing Convenience Images in Personal Photo Collections. , 2021, ,		0
150	VSumVis: Interactive Visual Understanding and Diagnosis of Video Summarization Model. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-28.	2.9	2
151	Image Aesthetics Assessment with Gradient Shake Regularization. , 2021, , .		0
152	Customized Summarizations of Visual Data Collections. Computer Graphics Forum, 2021, 40, 347-370.	1.8	0
153	A comprehensive review of deep learning-based single image super-resolution. PeerJ Computer Science, 2021, 7, e621.	2.7	61
154	An Image is Worth a Thousand Terms? Analysis of Visual E-Commerce Search. , 2021, , .		7
156	Siamese CNN-based rank learning for quality assessment of inpainted images. Journal of Visual Communication and Image Representation, 2021, 78, 103176.	1.7	0
157	Inheritance of Chinese Traditional Color Culture Based on Modern Human Visual Perception. , 2021, , .		0
158	Single image haze removal for aqueous vapour regions based on optimal correction of dark channel. Multimedia Tools and Applications, 2021, 80, 32665.	2.6	3
159	RAVA: Region-Based Average Video Quality Assessment. Sensors, 2021, 21, 5489.	2.1	0
161	Convolutional Neural Network for Visual Security Evaluation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3293-3307.	5.6	7
162	Segmentation-Aware Text-Guided Image Manipulation. , 2021, , .		7
163	Research on aesthetic models based on neural architecture search. Journal of Intelligent and Fuzzy Systems, 2021, 41, 2953-2967.	0.8	0
164	Deep Perceptual Image Quality Assessment for Compression. , 2021, , .		8
165	Priorâ€guided multiscale network for singleâ€image dehazing. IET Image Processing, 2021, 15, 3368-3379.	1.4	4

	CHAILONT		
#	ARTICLE	IF	Citations
166	Mobile Computational Photography: A Tour. Annual Review of Vision Science, 2021, 7, 571-604.	2.3	21
168	Quantifying Visual Image Quality: A Bayesian View. Annual Review of Vision Science, 2021, 7, 437-464.	2.3	12
169	Generating Aesthetic Based Critique For Photographs. , 2021, , .		2
170	Scale aware remote sensing image enhancement using rolling guidance. Journal of Visual Communication and Image Representation, 2021, 80, 103315.	1.7	1
171	Perceptual Quality Evaluation of Hazy Natural Images. IEEE Transactions on Industrial Informatics, 2021, 17, 8046-8056.	7.2	12
172	A grid anchor based cropping approach exploiting image aesthetics, geometric composition, and semantics. Expert Systems With Applications, 2021, 186, 115852.	4.4	1
173	Reproducible Improvement of Images Quality Through Nature Inspired Optimisation. Lecture Notes in Computer Science, 2021, , 335-341.	1.0	0
174	Text-Guided Style Transfer-Based Image Manipulation Using Multimodal Generative Models. IEEE Access, 2021, 9, 64860-64870.	2.6	2
175	Band Representation-Based Semi-Supervised Low-Light Image Enhancement: Bridging the Gap Between Signal Fidelity and Perceptual Quality. IEEE Transactions on Image Processing, 2021, 30, 3461-3473.	6.0	64
176	Artificial Neural Networks and Deep Learning in the Visual Arts: a review. Neural Computing and Applications, 2021, 33, 121-157.	3.2	49
177	An Information Theory Approach to Aesthetic Assessment of Visual Patterns. Entropy, 2021, 23, 153.	1.1	4
178	A Novel Rank Learning Based No-Reference Image Quality Assessment Method. IEEE Transactions on Multimedia, 2022, 24, 4197-4211.	5.2	8
179	Analysis of Deep Features for Image Aesthetic Assessment. IEEE Access, 2021, 9, 29850-29861.	2.6	11
180	Better Compression With Deep Pre-Editing. IEEE Transactions on Image Processing, 2021, 30, 6673-6685.	6.0	12
181	Words Meet Photos: When and Why Visual Content Increases Review Helpfulness. SSRN Electronic Journal, 0, , .	0.4	0
182	GIQA: Generated Image Quality Assessment. Lecture Notes in Computer Science, 2020, , 369-385.	1.0	30
184	Deep Feature Compatibility for Generated Images Quality Assessment. Communications in Computer and Information Science, 2020, , 353-360.	0.4	5
185	Learning with privileged information for photo aesthetic assessment. Neurocomputing, 2020, 404, 304-316.	3.5	15

TION P

	CHATON R	EPORT	
#	Article	IF	CITATIONS
186	Image stylisation: from predefined to personalised. IET Computer Vision, 2020, 14, 291-303.	1.3	5
187	Inkthetics: A Comprehensive Computational Model for Aesthetic Evaluation of Chinese Ink Paintings. IEEE Access, 2020, 8, 225857-225871.	2.6	20
188	Exploiting Raw Images for Real-Scene Super-Resolution. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	6
189	Aesthetic Attributes Assessment of Images. , 2019, , .		20
190	Understanding How People Reason about Aesthetic Evaluations of Artificial Intelligence. , 2020, , .		5
191	Perceptual Image Quality Assessment for Various Viewing Conditions and Display Systems. IS&T International Symposium on Electronic Imaging, 2020, 2020, 67-1-67-9.	0.3	8
192	Image Aesthetic Assessment Based on Image Classification and Region Segmentation. Journal of Imaging, 2021, 7, 3.	1.7	3
193	DeepRPN-BIQA: Deep architectures with region proposal network for natural-scene and screen-content blind image quality assessment. Displays, 2022, 71, 102101.	2.0	21
194	An Application for Aesthetic Quality Assessment in Photography with Interpretability Features. Entropy, 2021, 23, 1389.	1.1	5
195	Composition and Symmetries - Computational Analysis of Fine-Art Aesthetics. Lecture Notes in Networks and Systems, 2022, , 390-402.	0.5	0
196	Personalized Travel Recommendation via Multi-view Representation Learning. Lecture Notes in Computer Science, 2019, , 97-109.	1.0	1
197	Large Field/Close-Up Image Classification: From Simple to Very Complex Features. Lecture Notes in Computer Science, 2019, , 532-543.	1.0	2
198	New Approach for the Aesthetic Improvement of Images Through the Combination of Convolutional Neural Networks and Evolutionary Algorithms. Lecture Notes in Computer Science, 2019, , 229-240.	1.0	0
199	Unified Image Aesthetic Prediction via Scanpath-Guided Feature Aggregation Network. Communications in Computer and Information Science, 2019, , 259-271.	0.4	0
201	Generating Persuasive Visual Storylines for Promotional Videos. , 2019, , .		4
202	Estimating Impressions for Clothing, Landscape, and Indoor Images Using CNN. Proceedings in Adaptation, Learning and Optimization, 2020, , 67-78.	1.5	0
203	Joint Attention Neural Model for Demand Prediction in Online Marketplaces. Proceedings of the Northern Lights Deep Learning Workshop, 0, 1, 6.	0.0	0
205	Realâ€world superâ€resolution of faceâ€images from surveillance cameras. IET Image Processing, 2022, 16, 442-452.	1.4	15

#	Article	IF	CITATIONS
206	Learning from Rankings with Multi-level Features for No-Reference Image Quality Assessment. Lecture Notes in Computer Science, 2020, , 516-526.	1.0	0
207	Detecting Fashion Apparels and their Landmarks. , 2020, , .		1
208	Grid Anchor Based Image Cropping: A New Benchmark and An Efficient Model. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1304-1319.	9.7	10
209	Integrity-Preserving Image Aesthetic Assessment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 3-19.	0.2	0
210	Detecting Macroblocking in Images Caused by Transmission Error. Lecture Notes in Computer Science, 2020, , 66-70.	1.0	0
211	Information or Distortion? The Effect of Customer Generated Images on Product Rating Dynamics. SSRN Electronic Journal, 0, , .	0.4	0
212	Data Covariance Learning in Aesthetic Attributes Assessment. Journal of Applied Mathematics and Physics, 2020, 08, 2869-2879.	0.2	1
213	A Deep Learning Neural Network for Classifying Good and Bad Photos. Lecture Notes in Computer Science, 2020, , 1-16.	1.0	0
214	Rich features for perceptual quality assessment of UGC videos. , 2021, , .		31
215	Deep Perceptual Preprocessing for Video Coding. , 2021, , .		12
216	PSD: Principled Synthetic-to-Real Dehazing Guided by Physical Priors. , 2021, , .		125
217	NeRF in the Wild: Neural Radiance Fields for Unconstrained Photo Collections. , 2021, , .		420
218	Patch-VQ: â€~Patching Up' the Video Quality Problem. , 2021, , .		64
219	Neural Camera Simulators. , 2021, , .		10
220	Neural Side-By-Side: Predicting Human Preferences for No-Reference Super-Resolution Evaluation. , 2021, , .		7
221	Hierarchical Layout-Aware Graph Convolutional Network for Unified Aesthetics Assessment. , 2021, , .		37
222	From Technical to Aesthetics Quality Assessment and Beyond. , 2020, , .		0
223	EVA: An Explainable Visual Aesthetics Dataset. , 2020, , .		11

	CITATION	Report	
#	Article	IF	CITATIONS
224	A Subjective Study of Multi-Dimensional Aesthetic Assessment for Mobile Game Image. , 2020, , .		12
225	Video summarisation with visual and semantic cues. IET Image Processing, 2020, 14, 3134-3142.	1.4	2
226	Object-level Attention for Aesthetic Rating Distribution Prediction. , 2020, , .		17
227	Context-aware Attention Network for Predicting Image Aesthetic Subjectivity. , 2020, , .		13
228	Unpaired Image Enhancement with Quality-Attention Generative Adversarial Network. , 2020, , .		13
229	Haze Removal Method Based on Joint Transmission Map Estimation and Atmospheric-Light Extraction. , 2020, , .		2
230	Domain-Adaptive Crowd Counting via High-Quality Image Translation and Density Reconstruction. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4803-4815.	7.2	19
231	User-Guided Personalized Image Aesthetic Assessment Based on Deep Reinforcement Learning. IEEE Transactions on Multimedia, 2023, 25, 736-749.	5.2	17
232	Artificial Intelligence as a Disruptive Technology for Digital Marketing. Lecture Notes in Networks and Systems, 2021, , 895-900.	0.5	0
233	SurVizor: visualizing and understanding the key content of surveillance videos. Journal of Visualization, 0, , 1.	1.1	0
234	Exploring Differences Among Darknet and Surface Internet Hacking Communities. , 2021, , .		0
235	Image Analytics: A consolidation of visual feature extraction methods. Journal of Management Analytics, 2021, 8, 569-597.	1.6	0
236	Low-Light Image and Video Enhancement Using Deep Learning: A Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9396-9416.	9.7	151
237	A Proposed Exploratory Study of Object Detectors to Learn the Influence of Datasets on Model Performance. Journal of Physics: Conference Series, 2022, 2161, 012076.	0.3	0
238	Detecting Cyber-Adversarial Videos in Traditional Social media. , 2020, , .		1
239	Learning Personalized Image Aesthetics From Subjective and Objective Attributes. IEEE Transactions on Multimedia, 2023, 25, 179-190.	5.2	17
240	Advances and Challenges in Computational Image Aesthetics. , 2022, , 133-181.		5
241	Multi-task based Image Aesthetics Quality Evaluation. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
242	A feature-level full-reference image denoising quality assessment method based on joint sparse representation. Applied Intelligence, 2022, 52, 11115-11130.	3.3	5
243	SPIQ: A Self-Supervised Pre-Trained Model for Image Quality Assessment. IEEE Signal Processing Letters, 2022, 29, 513-517.	2.1	10
244	Cross-Domain Feature Similarity Guided Blind Image Quality Assessment. Frontiers in Neuroscience, 2021, 15, 767977.	1.4	0
245	Attention integrated hierarchical networks for no-reference image quality assessment. Journal of Visual Communication and Image Representation, 2022, 82, 103399.	1.7	16
246	CAPTAIN: Comprehensive Composition Assistance for Photo Taking. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-24.	3.0	2
247	ForgeryNIR: Deep Face Forgery and Detection in Near-Infrared Scenario. IEEE Transactions on Information Forensics and Security, 2022, 17, 500-515.	4.5	20
248	Blind quality assessment of authentically distorted images. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, B1.	0.8	5
249	An Overview of Underwater Vision Enhancement: From Traditional Methods to Recent Deep Learning. Journal of Marine Science and Engineering, 2022, 10, 241.	1.2	51
250	PhotoWCT ² : Compact Autoencoder for Photorealistic Style Transfer Resulting from Blockwise Training and Skip Connections of High-Frequency Residuals. , 2022, , .		11
251	No-Reference Image Quality Assessment via Transformers, Relative Ranking, and Self-Consistency. , 2022, , .		78
252	Subjective Quality Assessment of User-Generated Content Gaming Videos. , 2022, , .		5
253	Deep Order-Preserving Learning With Adaptive Optimal Transport Distance. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 313-328.	9.7	3
254	Aesthetics++: Refining Graphic Designs by Exploring Design Principles and Human Preference. IEEE Transactions on Visualization and Computer Graphics, 2022, PP, 1-1.	2.9	1
255	VAC-CNN: A Visual Analytics System for Comparative Studies of Deep Convolutional Neural Networks. IEEE Transactions on Visualization and Computer Graphics, 2022, PP, 1-1.	2.9	6
256	Progressive Joint Low-Light Enhancement and Noise Removal for Raw Images. IEEE Transactions on Image Processing, 2022, 31, 2390-2404.	6.0	15
257	GraphIQA: Learning Distortion Graph Representations for Blind Image Quality Assessment. IEEE Transactions on Multimedia, 2023, 25, 2912-2925.	5.2	31
258	Theme-Aware Aesthetic Distribution Prediction With Full-Resolution Photographs. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8654-8668.	7.2	1
259	Exploring Metrics to Establish an Optimal Model for Image Aesthetic Assessment and Analysis. Journal of Imaging, 2022, 8, 85.	1.7	3

#	Article	IF	CITATIONS
260	No-Reference Image Quality Assessment Based on Image Multi-Scale Contour Prediction. Applied Sciences (Switzerland), 2022, 12, 2833.	1.3	3
261	Impact of visual saliency on multi-distorted blind image quality assessment using deep neural architecture. Multimedia Tools and Applications, 0, , 1.	2.6	7
262	CPDINet: Blind image quality assessment via a content perception and distortion inference network. IET Image Processing, 2022, 16, 1973-1987.	1.4	1
263	Comparison of Visual Features for Image-Based Visibility Detection. Journal of Atmospheric and Oceanic Technology, 2022, 39, 789-801.	0.5	2
264	Learning image aesthetic subjectivity from attribute-aware relational reasoning network. Pattern Recognition Letters, 2022, 155, 84-91.	2.6	6
265	An endâ€ŧoâ€end perceptual enhancement method for UHD portrait images. IET Image Processing, 2022, 16, 1988-2000.	1.4	1
266	Blind stereoscopic image quality assessment using 3D saliency selected binocular perception and 3D convolutional neural network. Multimedia Tools and Applications, 2022, 81, 18437-18455.	2.6	4
267	Computational optimal transport for molecular spectra: The semi-discrete case. Journal of Chemical Physics, 2022, 156, 134117.	1.2	5
268	The impact of monetary rewards on product sales in referral programs: The role of product image aesthetics. Journal of Business Research, 2022, 145, 828-842.	5.8	8
269	Efficient deep neural network for photo-realistic image super-resolution. Pattern Recognition, 2022, 127, 108649.	5.1	11
270	Focusing Evaluation for In situ Darkfield Imaging of Marine Plankton. , 2021, , .		0
271	Learning Conditional Knowledge Distillation for Degraded-Reference Image Quality Assessment. , 2021, , ,		17
272	Multi-Modal Aesthetic Assessment for Mobile Gaming Image. , 2021, , .		5
273	Multimodal Aesthetic Analysis Assisted by Styles through a Multimodal co-Transformer Model. , 2021, ,		Ο
274	MUSIQ: Multi-scale Image Quality Transformer. , 2021, , .		113
275	Rule of Thirds and Simplicity for Image Aesthetics using Deep Neural Networks. , 2021, , .		5
276	Unsupervised Curriculum Domain Adaptation for No-Reference Video Quality Assessment. , 2021, , .		9
277	Learning to Resize Images for Computer Vision Tasks. , 2021, , .		53

ARTICLE IF CITATIONS # An Image Quality Predictor based on Convolution Neural Networks., 2021,,. 278 0 BOhance: Bayesian Optimization for Content Enhancement., 2021, , . 279 280 A Multi-dimensional Aesthetic Quality Assessment Model for Mobile Game Images., 2021,,. 8 An Ai Method to Score Celebrity Visual Potential from Human Faces. SSRN Electronic Journal, 0, , . Enhance while protecting: privacy preserving image filtering., 2021, , . 282 0 Recursive Multi-Relational Graph Convolutional Network for Automatic Photo Selection. IEEE 5.2 Transactions on Multimedia, 2022, , 1-1. Automated quality assessment of large digitised histology cohorts by artificial intelligence. Scientific 284 1.6 19 Reports, 2022, 12, 5002. SNPD: Semi-Supervised Neural Process Dehazing Network with Asymmetry Pseudo Labels. Symmetry, 1.1 2022, 14, 806. Fast Fourier transform-based method of neural network training for human re-rendering. Signal, 287 1.7 0 Image and Video Processing, 0, , . Considering User Agreement in Learning to Predict the Aesthetic Quality., 2022, , . Specialised Video Quality Model For Enhanced User Generated Content (UGC) With Special Effects. , 289 1 2022,,. Bi-Directional Normalization and Color Attention-Guided Generative Adversarial Network for Image Enhancement., 2022,,. PEAR: Photographic Embedding for Aesthetic Rating., 2022, , . 291 0 Benchmarking Neural Networks-Based Approaches for Predicting Visual Perception of User Interfaces. 1.0 Lecture Notes in Computer Science, 2022, , 217-231. Using Online Digital Data to Infer Valuable Skills for the Modern Workforce. Advances in Multimedia 294 0.1 0 and Interactive Technologies Book Series, 2022, , 89-109. MetaMP: Metalearning-Based Multipatch Image Aesthetics Assessment. IEEE Transactions on Cybernetics, 2023, 53, 5716-5728. GrapeGAN: Unsupervised image enhancement for improved grape leaf disease recognition. Computers 296 3.7 19 and Electronics in Agriculture, 2022, 198, 107055. Learning Tone Curves for Local Image Enhancement. IEEE Access, 2022, 10, 60099-60113.

#	Article	IF	CITATIONS
298	How COVID-19 Has Changed Crowdfunding: Evidence From GoFundMe. Frontiers in Computer Science, 2022, 4, .	1.7	0
301	Image Quality Assessment Using Contrastive Learning. IEEE Transactions on Image Processing, 2022, 31, 4149-4161.	6.0	55
302	Research on the visual image-based complexity perception method of autonomous navigation scenes for unmanned surface vehicles. Scientific Reports, 2022, 12, .	1.6	4
303	A framework for quantitative analysis and differentiated marketing of tourism destination image based on visual content of photos. Tourism Management, 2022, 93, 104585.	5.8	38
304	Distilling Knowledge From Object Classification to Aesthetics Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7386-7402.	5.6	16
305	DACNN: Blind Image Quality Assessment via a Distortion-Aware Convolutional Neural Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7518-7531.	5.6	20
306	Interaction-Matrix Based Personalized Image Aesthetics Assessment. IEEE Transactions on Multimedia, 2023, 25, 5263-5278.	5.2	9
307	[Paper] Packaging Design Analysis by Predicting User Preference and Semantic Attribute. ITE Transactions on Media Technology and Applications, 2022, 10, 120-129.	0.3	1
308	Contour-enhanced CycleGAN framework for style transfer from scenery photos to Chinese landscape paintings. Neural Computing and Applications, 2022, 34, 18075-18096.	3.2	10
309	Information cryptography using cellular automata and digital image processing. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 1105-1111.	0.5	8
310	Multimodal Image Aesthetic Prediction with Missing Modality. Mathematics, 2022, 10, 2312.	1.1	1
311	Joint Optimization of Ad Ranking and Creative Selection. , 2022, , .		0
312	Intelligent Assessment for Visual Quality of Streets: Exploration Based on Machine Learning and Large-Scale Street View Data. Sustainability, 2022, 14, 8166.	1.6	3
313	ARET-IQA: An Aspect-Ratio-Embedded Transformer for Image Quality Assessment. Electronics (Switzerland), 2022, 11, 2132.	1.8	2
314	Camera eats first: exploring food aesthetics portrayed on social media using deep learning. International Journal of Contemporary Hospitality Management, 2022, 34, 3300-3331.	5.3	11
315	A review on Single Image Super Resolution techniques using generative adversarial network. Optik, 2022, 266, 169607.	1.4	19
316	Ranking-based scores for the assessment of aesthetic quality in photography. Signal Processing: Image Communication, 2022, 108, 116803.	1.8	0
317	A review of feature fusion-based media popularity prediction methods. Visual Informatics, 2022, 6, 78-89.	2.5	2

	CHAHON		
#		IF	CITATIONS
318	Optical flow for video super-resolution: a survey. Artificial Intelligence Review, 2022, 55, 6505-6546.	9.7	8
319	Privileged multi-task learning for attribute-aware aesthetic assessment. Pattern Recognition, 2022, 132, 108921.	5.1	4
320	Theme-Aware Semi-Supervised Image Aesthetic Quality Assessment. Mathematics, 2022, 10, 2609.	1.1	3
321	Comparison of single image HDR reconstruction methods $\hat{a} \in \mathbb{C}$ the caveats of quality assessment. , 2022, , .		12
323	Composition and Style Attributes Guided Image Aesthetic Assessment. IEEE Transactions on Image Processing, 2022, 31, 5009-5024.	6.0	12
324	Comment-Guided Semantics-Aware Image Aesthetics Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 1487-1492.	5.6	6
325	RZSR: Reference-Based Zero-Shot Super-Resolution With Depth Guided Self-Exemplars. IEEE Transactions on Multimedia, 2023, 25, 5972-5983.	5.2	1
326	NTIRE 2022 Challenge on Perceptual Image Quality Assessment. , 2022, , .		25
327	MANIQA: Multi-dimension Attention Network for No-Reference Image Quality Assessment. , 2022, , .		56
328	A Deep Drift-Diffusion Model for Image Aesthetic Score Distribution Prediction. , 2022, , .		0
329	Psychology Inspired Model for Hierarchical Image Aesthetic Attribute Prediction. , 2022, , .		3
330	Text-Guided Image Manipulation Based on Sentence-Aware and Word-Aware Network. , 2022, , .		0
331	Deep learning for assessing the aesthetics of professional photographs. Computer Animation and Virtual Worlds, 0, , .	0.7	2
332	Deep Blind Image Quality Assessment Using Dual-Order Statistics. , 2022, , .		3
333	A subâ€regional compression method for greenhouse images based on <scp>CNN</scp> image quality assessment. Journal of Food Processing and Preservation, 0, , .	0.9	0
334	Study on relationship between composition and prediction of photo aesthetics using CNN. Cogent Engineering, 2022, 9, .	1.1	1
335	Automatic mandala pattern design and generation based on COOM framework. Journal of Computer Languages, 2022, 72, 101138.	1.5	3
336	An artistic analysis model based on sequence cartoon images for scratch. International Journal of Intelligent Systems, 2022, 37, 9598-9619.	3.3	1

#	Article	IF	CITATIONS
338	In-training Restoration Models Matter. , 2022, , .		0
339	Comparing deep learning models for low-light natural scene image enhancement and their impact on object detection and classification: Overview, empirical evaluation, and challenges. Signal Processing: Image Communication, 2022, 109, 116848.	1.8	35
340	Content-aware dynamic filter salient object detection network in multispectral polarimetric imagery. Optik, 2022, 269, 169944.	1.4	1
341	A Novel Blind Reference Method for Multi-Purpose Image Quality Assessment Tasks. SSRN Electronic Journal, 0, , .	0.4	0
342	Why No Reference Metrics for Image and Video Quality Lack Accuracy and Reproducibility. IEEE Transactions on Broadcasting, 2023, 69, 97-117.	2.5	7
343	A Deep Learning-Based Multidimensional Aesthetic Quality Assessment Method for Mobile Game Images. IEEE Transactions on Games, 2023, 15, 658-668.	1.2	3
344	Multilevel Feature Extraction Using Wavelet Attention for Deep Joint Demosaicking and Denoising. IEEE Access, 2022, 10, 77099-77109.	2.6	1
345	Prediction of Image Preferences from Spontaneous Facial Expressions. Interdisciplinary Information Sciences, 2022, 28, 45-53.	0.2	6
346	Fine-grained regression for image aesthetic scoring. Cognitive Robotics, 2022, 2, 202-210.	3.2	0
347	PCA-Based Knowledge Distillation Towards Lightweight and Content-Style Balanced Photorealistic Style Transfer Models. , 2022, , .		6
348	Finding Badly Drawn Bunnies. , 2022, , .		2
349	A Vision Enhancement Network for Image Quality Assessment. , 2022, , .		0
350	Why a user prefers an artwork: A deep attention model for artwork recommendation. Journal of Information Science, 0, , 016555152211165.	2.0	0
351	AIDEDNet: anti-interference and detail enhancement dehazing network for real-world scenes. Frontiers of Computer Science, 2023, 17, .	1.6	20
352	Perceptual Artifacts Localization forÂInpainting. Lecture Notes in Computer Science, 2022, , 146-164.	1.0	1
353	Inpainting atÂModern Camera Resolution byÂGuided PatchMatch withÂAuto-curation. Lecture Notes in Computer Science, 2022, , 51-67.	1.0	3
354	A Perceptual Quality Metric forÂVideo Frame Interpolation. Lecture Notes in Computer Science, 2022, , 234-253.	1.0	1
355	Telepresence Video Quality Assessment. Lecture Notes in Computer Science, 2022, , 327-347.	1.0	1

ARTICLE IF CITATIONS # Image Quality Assessment: From Mean Opinion Score to Opinion Score Distribution., 2022,,. 356 13 Defeating DeepFakes via Adversarial Visual Reconstruction., 2022,,. The Generation of Piano Music Using Deep Learning Aided by Robotic Technology. Computational 358 1.1 1 Intelligence and Neuroscience, 2022, 2022, 1-10. Predicting Rating Distributions of Website Aesthetics with Deep Learning for Al-Based Research. ACM Transactions on Computer-Human Interaction, 2023, 30, 1-28. Assessment of Image Manipulation Using Natural Language Description: Quantification of 360 3 Manipulation Direction., 2022,,. Differential Contrast Based Adaptive Quantization for Perceptual Quality Optimization in Image Coding., 2022, , . 362 No-Reference Image Quality Assessment Using Dynamic Complex-Valued Neural Model., 2022,,. 3 CmpCNN: CMP Modeling with Transfer Learning CNN Architecture. ACM Transactions on Design Automation of Electronic Systems, 2023, 28, 1-18. 364 Spatial Moment Pooling Improves Neural Image Assessment., 2022,,. 0 Semi-Supervised Ranking for Object Image Blur Assessment., 2022,,. ADGNet: Attention Discrepancy Guided Deep Neural Network for Blind Image Quality Assessment., 366 2 2022,,. Selective video enhancement in the Laguerre–Gauss domain. Signal Processing: Image Communication, 1.8 2023, 110, 116876. Image super-resolution: A comprehensive review, recent trends, challenges and applications. 368 11.7 31 Information Fusion, 2023, 91, 230-260. Composition-Guided Neural Network for Image Cropping Aesthetic Assessment. IEEE Transactions on 5.2 Multimedia, 2023, 25, 6836-6851. 370 MaxViT: Multi-axis Vision Transformer. Lecture Notes in Computer Science, 2022, , 459-479. 1.0 98 An End-to-End Blind Image Quality Assessment Method Using a Recurrent Network and Self-Attention. IEEE Transactions on Broadcasting, 2023, 69, 369-377. AQuA: A New Image Quality Metric for Optimizing Video Analytics Systems. Transactions on Embedded 372 2.11 Computing Systems, 2023, 22, 1-29. 373 The context effect for blind image quality assessment. Neurocomputing, 2023, 521, 172-180.

#	Article	IF	CITATIONS
374	Personalized Image Aesthetics Assessment via Multi-Attribute Interactive Reasoning. Mathematics, 2022, 10, 4181.	1.1	3
375	On Attacking Deep Image Quality Evaluator Via Spatial Transform. , 2022, , .		0
376	ASCAM-Former: Blind image quality assessment based on adaptive spatial & channel attention merging transformer and image to patch weights sharing. Expert Systems With Applications, 2023, 215, 119268.	4.4	7
377	Image Quality Score Distribution Prediction via Alpha Stable Model. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 2656-2671.	5.6	3
378	Attention-Guided Polarization Image Fusion Using Salient Information Distribution. IEEE Transactions on Computational Imaging, 2022, 8, 1117-1130.	2.6	6
379	Intrinsic Image Transfer for Illumination Manipulation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 7444-7456.	9.7	1
380	Semi-Supervised Domain Alignment Learning for Single Image Dehazing. IEEE Transactions on Cybernetics, 2023, 53, 7238-7250.	6.2	4
381	Image Aesthetics Assessment Using Graph Attention Network. , 2022, , .		2
382	Are High-quality Photos More Popular Than Low-quality Ones? A Quantitative Study. , 2022, , .		0
383	Semantic-aware multi-task learning for image aesthetic quality assessment. Connection Science, 2022, 34, 2689-2713.	1.8	2
384	CLIP knows image aesthetics. Frontiers in Artificial Intelligence, 0, 5, .	2.0	5
385	Dermatology Image Quality Assessment (DIQA): Artificial intelligence to ensure the clinical utility of images for remote consultations and clinical trials. Journal of the American Academy of Dermatology, 2023, 88, 927-928.	0.6	1
386	Blind Superresolution of Satellite Videos by Ghost Module-Based Convolutional Networks. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-19.	2.7	1
387	Exploring visual relationship for social media popularity prediction. Journal of Visual Communication and Image Representation, 2023, 90, 103738.	1.7	0
388	Increase the Exploitation of Mars Satellite Images Via Deep Learning Techniques. , 2018, , .		1
389	Computational Analysis Problem of Aesthetic Content in Fine-Art Paintings. Russian Journal of Philosophical Sciences, 2022, 65, 120-140.	0.3	0
390	Image aesthetics prediction using multiple patches preserving the original aspect ratio of contents. Multimedia Tools and Applications, 2023, 82, 2783-2804.	2.6	0
391	Semantic Attribute Guided Image Aesthetics Assessment. , 2022, , .		2

#	Article	IF	CITATIONS
392	Conv-Former: A Novel Network Combining Convolution and Self-Attention for Image Quality Assessment. Sensors, 2023, 23, 427.	2.1	1
393	In Pursuit of Beauty: Aesthetic-Aware and Context-Adaptive Photo Selection in Crowdsensing. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 9364-9377.	4.0	2
394	Data-driven Digital Lighting Design for Residential Indoor Spaces. ACM Transactions on Graphics, 2023, 42, 1-18.	4.9	0
395	Subjective and objective quality assessment for volumetric video. , 2023, , 501-552.		5
396	Self-Supervised Effective Resolution Estimation with Adversarial Augmentations. , 2023, , .		0
397	Video-Based Metric Learning Framework for Basketball Skill Assessment. International Journal of E-Collaboration, 2023, 19, 1-13.	0.4	0
398	Hitchhiker's Guide to Super-Resolution: Introduction and Recent Advances. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 9862-9882.	9.7	6
399	Aesthetic Assessment of Packaging Design Based on Con-Transformer. International Journal of E-Collaboration, 2023, 19, 1-11.	0.4	0
400	Monocular Depth Estimation of Old Photos via Collaboration of Monocular and Stereo Networks. IEEE Access, 2023, 11, 11675-11684.	2.6	1
401	Interactive Image Manipulation with Complex Text Instructions. , 2023, , .		1
402	Textured Mesh Quality Assessment: Large-scale Dataset and Deep Learning-based Quality Metric. ACM Transactions on Graphics, 2023, 42, 1-20.	4.9	5
403	Anchor-based knowledge embedding for image aesthetics assessment. Neurocomputing, 2023, 539, 126197.	3.5	5
404	A multi-stage underwater image aesthetic enhancement algorithm based on a generative adversarial network. Engineering Applications of Artificial Intelligence, 2023, 123, 106196.	4.3	14
405	PGF-BIQA: Blind image quality assessment via probability multi-grained cascade forest. Computer Vision and Image Understanding, 2023, 232, 103695.	3.0	2
406	Novel groundtruth transformations for the aesthetic assessment problem. Information Processing and Management, 2023, 60, 103368.	5.4	0
407	Calista: A deep learning-based system for understanding and evaluating website aesthetics. International Journal of Human Computer Studies, 2023, 175, 103019.	3.7	0
408	CAST: Conditional Attribute Subsampling Toolkit for Fine-grained Evaluation. , 2023, , .		0
409	Line Search-Based Feature Transformation for Fast, Stable, and Tunable Content-Style Control in Photorealistic Style Transfer. , 2023, , .		0

#	Article	IF	CITATIONS
410	Pre-Activating Semantic Information for Image Aesthetic Assessment. AATCC Journal of Research, 0, , 247234442211479.	0.3	0
411	A Reasonable Effectiveness of Features in Modeling Visual Perception of User Interfaces. Big Data and Cognitive Computing, 2023, 7, 30.	2.9	0
412	Kinect Body Sensor Technology-Based Quantitative Assessment Method for Basketball Teaching. International Journal of Distributed Systems and Technologies, 2023, 14, 1-13.	0.6	1
413	Low-Illumination Image Enhancement Based on Deep Learning Techniques: A Brief Review. Photonics, 2023, 10, 198.	0.9	8
414	SoftClusterMix: learning soft boundaries for empirical risk minimization. Neural Computing and Applications, 0, , .	3.2	0
415	Smart advertising design: a visual aesthetic effect improvement based on image data analysis. Evolutionary Intelligence, 0, , .	2.3	0
416	Theme-Aware Visual Attribute Reasoning for Image Aesthetics Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 4798-4811.	5.6	4
417	IAACS: Image aesthetic assessment through color composition and space formation. Virtual Reality & Intelligent Hardware, 2023, 5, 42-56.	1.8	0
418	When Images Backfire: The Effect of Customer-Generated Images on Product Rating Dynamics. Information Systems Research, 2023, 34, 1641-1663.	2.2	3
419	Semi-Sparsity for Smoothing Filters. IEEE Transactions on Image Processing, 2023, 32, 1627-1639.	6.0	2
420	DCVQE: A Hierarchical Transformer forÂVideo Quality Assessment. Lecture Notes in Computer Science, 2023, , 398-416.	1.0	0
421	Shop by image: characterizing visual search in e-commerce. Information Retrieval, 2023, 26, .	1.6	1
422	SCA:Segmentation based adversarial Color Attack. , 2022, , .		0
423	Al-Empowered Persuasive Video Generation: A Survey. ACM Computing Surveys, 2023, 55, 1-31.	16.1	1
424	Dynamic User Interface Composition. SN Computer Science, 2023, 4, .	2.3	0
425	CoColor: Interactive Exploration of Color Designs. , 2023, , .		2
426	Al, the beauty of places, and the metaverse: beyond $\hat{a} \in \hat{a}$ geometrical fundamentalism $\hat{a} \in \hat{a}$, 2023, 2, .		0
427	Image aesthetic ranking using deep convolutional neural network. AIP Conference Proceedings, 2023, ,	0.3	0

#	Article	IF	CITATIONS
428	Words Meet Photos: When and Why Photos Increase Review Helpfulness. Journal of Marketing Research, 2024, 61, 5-26.	3.0	5
429	Multilevel Feature Fusion for End-to-End Blind Image Quality Assessment. IEEE Transactions on Broadcasting, 2023, 69, 801-811.	2.5	6
430	Deep Learning Based Vehicle Detection on Real and Synthetic Aerial Images: Training Data Composition and Statistical Influence Analysis. Sensors, 2023, 23, 3769.	2.1	2
431	Multi-Branch and Progressive Network for Low-Light Image Enhancement. IEEE Transactions on Image Processing, 2023, 32, 2295-2308.	6.0	3
432	Efficient and Controllable Remote Sensing Fake Sample Generation Based on Diffusion Model. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-12.	2.7	2
438	Digital Image Transformation Using Outer Totality Cellular Automata. Lecture Notes in Electrical Engineering, 2023, , 851-858.	0.3	2
440	Explaining Image Aesthetics Assessment: An Interactive Approach. , 2023, , .		0
441	Cellular automata base grid altitude imaging technology for erection of digital X-ray images. AIP Conference Proceedings, 2023, , .	0.3	0
444	What Image do You Need? A Two-stage Framework for Image Selection in E-commerce. , 2023, , .		1
446	Lit the Darkness: Three-Stage Zero-Shot Learning for Low-Light Enhancement with Multi-Neighbor Enhancement Factors. , 2023, , .		0
447	DEHRFormer: Real-Time Transformer for Depth Estimation and Haze Removal from Varicolored Haze Scenes. , 2023, , .		8
450	IAFormer: A Transformer Network for Image Aesthetic Evaluation and Cropping. , 2022, , .		0
457	Training the DNN of a Single Observer by Conducting Individualized Subjective Experiments. , 2023, , .		0
458	DNN-based Photography Rule Prediction using Photo Tags. , 2023, , .		0
460	Image Quality Assessment for Construction E-inspection: A Case Study. , 2023, , 125-133.		0
464	Internal Diverse Image Completion. , 2023, , .		0
467	Attribute-assisted Multimodal Network for Image Aesthetics Assessment. , 2023, , .		0
468	Optimizing DNN based quality assessment metric for image compression: A novel rate control method. , 2023, , .		0

#	Article	IF	CITATIONS
469	A Perceptual Quality Assessment Exploration for AIGC Images. , 2023, , .		3
474	Towards Artistic Image Aesthetics Assessment: a Large-scale Dataset and a New Method. , 2023, , .		3
475	RIDCP: Revitalizing Real Image Dehazing via High-Quality Codebook Priors. , 2023, , .		10
476	Contrastive Semi-Supervised Learning for Underwater Image Restoration via Reliable Bank. , 2023, , .		21
477	VILA: Learning Image Aesthetics from User Comments with Vision-Language Pretraining. , 2023, , .		7
481	BATINeT: Background-Aware Text to Image Synthesis and Manipulation Network. , 2023, , .		0
482	SEM-CS: Semantic Clipstyler for Text-Based Image Style Transfer. , 2023, , .		0
483	Intelligent Painter: Picture Composition with Resampling Diffusion Model. , 2023, , .		0
484	Self Patch Labeling Using Quality Distribution Estimation for CNN-Based 360-IQA Training. , 2023, , .		0
486	Hierarchical Feature Fusion Transformer for No-Reference Image Quality Assessment. , 2023, , .		0
489	Automatic Image Aesthetic Assessment for Human-designed Digital Images. , 2023, , .		0
491	The Rich, the Poor, and the Ugly: An Aesthetic-Perspective Assessment of NFT Values. , 2023, , .		0
497	EAT: An Enhancer for Aesthetics-Oriented Transformers. , 2023, , .		1
499	Image Quality Assessment Method Based onÂCross-Modal. Lecture Notes in Computer Science, 2024, , 117-128.	1.0	0
500	Image Acquisition byÂlmage Retrieval withÂColor Aesthetics. Lecture Notes in Computer Science, 2023, , 250-261.	1.0	0
502	Image quality assessment for MRI: Is it up to the task?. , 2023, , .		0
503	APF-GAN: Exploring asymmetric pre-training and fine-tuning strategy for conditional generative adversarial network. Computational Visual Media, 2023, 10, 187-192.	10.8	0
505	AVT-VQDB-UHD-1-Appeal: A UHD-1/4K Open Dataset for Video Quality and Appeal Assessment Using Modern Video Codecs. , 2023, , .		0

#	Article	IF	CITATIONS
506	Adaptive Patch Labeling and Multi-Label Feature Selection for 360-Degree Image Quality Assessment. , 2023, , .		0
507	Towards Machine Perception Aware Image Quality Assessment. , 2023, , .		0
508	NRspttemVQA: Real-Time Video Quality Assessment Based on the User $\hat{a} \in \mathbb{M}$ s Visual Perception. , 2023, , .		0
509	AesCLIP: Multi-Attribute Contrastive Learning for Image Aesthetics Assessment. , 2023, , .		0
510	BMI-Net: A Brain-inspired Multimodal Interaction Network for Image Aesthetic Assessment. , 2023, , .		1
511	Personalized Image Aesthetics Assessment with Attribute-guided Fine-grained Feature Representation. , 2023, , .		1
512	A software test bed for sharing and evaluating color transfer algorithms for images and 3D objects. , 2023, , .		0
519	Quadratic Polynomial Residual Network forÂNo-Reference Image Quality Assessment. Lecture Notes in Computer Science, 2024, , 133-144.	1.0	0
520	Technical Quality-Assisted Image Aesthetics Quality Assessment. Lecture Notes in Computer Science, 2024, , 50-62.	1.0	0
527	Combining Image Caption and Aesthetic Description Using Siamese Network. Lecture Notes in Electrical Engineering, 2024, , 41-51.	0.3	0
529	MULLER: Multilayer Laplacian Resizer for Vision. , 2023, , .		0
531	Video Object Segmentation-aware Video Frame Interpolation. , 2023, , .		0
533	Thinking Image Color Aesthetics Assessment: Models, Datasets and Benchmarks. , 2023, , .		0
534	Towards Authentic Face Restoration with Iterative Diffusion Models and Beyond. , 2023, , .		0
535	TSC-Net: Theme-Style-Color Guided Artistic Image Aesthetics Assessment Network. Lecture Notes in Computer Science, 2024, , 193-203.	1.0	0
536	Facial Beauty Analysis Using Distribution Prediction and CNN Ensembles. , 2023, , .		0
548	Plant Data Generation withÂGenerative AI: An Application toÂPlant Phenotyping. , 2024, , 503-535.		0