

# A Style-Based Generator Architecture for Generative Adversarial Networks

IEEE Transactions on Pattern Analysis and Machine Intelligence  
43, 4217-4228

DOI: [10.1109/tpami.2020.2970919](https://doi.org/10.1109/tpami.2020.2970919)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Keratinocytic Skin Cancer Detection on the Face Using Region-Based Convolutional Neural Network. JAMA Dermatology, 2020, 156, 29.	2.0	89
2	CPGAN: Curve Clustering Architecture Based on Projected Latent Vector of Generative Adversarial Network. IEEE Access, 2020, 8, 86765-86776.	2.6	0
3	Generative Adversarial Network Technologies and Applications in Computer Vision. Computational Intelligence and Neuroscience, 2020, 2020, 1-17.	1.1	36
4	Capsule networks as recurrent models of grouping and segmentation. PLoS Computational Biology, 2020, 16, e1008017.	1.5	33
5	MRI Manufacturer Shift and Adaptation: Increasing the Generalizability of Deep Learning Segmentation for MR Images Acquired with Different Scanners. Radiology: Artificial Intelligence, 2020, 2, e190195.	3.0	30
6	Magician's Corner: 5. Generative Adversarial Networks. Radiology: Artificial Intelligence, 2020, 2, e190215.	3.0	3
7	Artificial Intelligence in Digital Media: The Era of Deepfakes. IEEE Transactions on Technology and Society, 2020, 1, 138-147.	2.4	57
8	MaskedFace-Net " A dataset of correctly/incorrectly masked face images in the context of COVID-19. Smart Health, 2021, 19, 100144.	2.0	141
9	Synthesizing Winning Strategies: What Differentiates Experienced Designers in Crowdsourcing Markets?. SSRN Electronic Journal, 0, , .	0.4	0
10	Neural Style Transfer: A Critical Review. IEEE Access, 2021, 9, 131583-131613.	2.6	15
11	Compressible Latent-Space Invertible Networks for Generative Model-Constrained Image Reconstruction. IEEE Transactions on Computational Imaging, 2021, 7, 209-223.	2.6	13
12	Controllable Medical Image Generation via Generative Adversarial Networks. IS&T International Symposium on Electronic Imaging, 2021, 33, 112-1-112-6.	0.3	4
13	Addressing Artificial Intelligence Bias in Retinal Diagnostics. Translational Vision Science and Technology, 2021, 10, 13.	1.1	48
14	Facial Expression Recognition Based on Multi-Features Cooperative Deep Convolutional Network. Applied Sciences (Switzerland), 2021, 11, 1428.	1.3	13
15	The Optimal Tetralogy of Fallot Repair Using Generative Adversarial Networks. Frontiers in Physiology, 2021, 12, 613330.	1.3	7
16	Realistic High-Resolution Body Computed Tomography Image Synthesis by Using Progressive Growing Generative Adversarial Network: Visual Turing Test. JMIR Medical Informatics, 2021, 9, e23328.	1.3	16
17	The influence of algorithms on political and dating decisions. PLoS ONE, 2021, 16, e0249454.	1.1	19
18	Evaluating medical aesthetics treatments through evolved age-estimation models. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
19	Text Data Augmentation for Deep Learning. Journal of Big Data, 2021, 8, 101.	6.9	594
20	A Method for Detecting and Analyzing Facial Features of People with Drug Use Disorders. Diagnostics, 2021, 11, 1562.	1.3	0
21	The defalsif-AI project: protecting critical infrastructures against disinformation and fake news. Elektrotechnik Und Informationstechnik, 0, , 1.	0.7	1
22	Intraoral image generation by progressive growing of generative adversarial network and evaluation of generated image quality by dentists. Scientific Reports, 2021, 11, 18517.	1.6	14
23	Urban Intersection Classification: A Comparative Analysis. Sensors, 2021, 21, 6269.	2.1	5
24	An Efficient Incremental Learning of Bearing Fault Imbalanced Data Set via Filter StyleGAN. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	16
25	Automated Sewer Defects Detection Using Style-Based Generative Adversarial Networks and Fine-Tuned Well-Known CNN Classifier. IEEE Access, 2021, 9, 59498-59507.	2.6	16
26	Resolution enhancement and realistic speckle recovery with generative adversarial modeling of micro-optical coherence tomography. Biomedical Optics Express, 2020, 11, 7236.	1.5	16
27	A SAR-to-Optical Image Translation Method Based on PIX2PIX. , 2021, , .		9
28	Digital twins based on bidirectional LSTM and GAN for modelling the COVID-19 pandemic. Neurocomputing, 2022, 470, 11-28.	3.5	24
29	Fractional Wavelet-Based Generative Scattering Networks. Frontiers in Neurobotics, 2021, 15, 752752.	1.6	1
30	Stealth Updates of Visual Information by Leveraging Change Blindness and Computational Visual Morphing. ACM Transactions on Applied Perception, 2021, 18, 1-17.	1.2	2
31	Potential role of artificial intelligence in craniofacial surgery. Archives of Craniofacial Surgery, 2021, 22, 223-231.	0.4	10
32	Learning Disentangled Representations with Latent Variation Predictability. Lecture Notes in Computer Science, 2020, , 684-700.	1.0	13
33	An Overview of Face Deep Forgery. , 2021, , .		1
34	Where and What? Examining Interpretable Disentangled Representations. , 2021, , .		10
36	Generative Adversarial Networks to Improve Fetal Brain Fine-Grained Plane Classification. Sensors, 2021, 21, 7975.	2.1	14
37	A Spin Glass Model for the Loss Surfaces of Generative Adversarial Networks. Journal of Statistical Physics, 2022, 186, 29.	0.5	4

#	ARTICLE	IF	CITATIONS
38	Uncertainty Quantification in Estimating Blood Alcohol Concentration From Transdermal Alcohol Level With Physics-Informed Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 8094-8101.	7.2	17
39	Blind Face Restoration via Multi-Prior Collaboration and Adaptive Feature Fusion. <i>Frontiers in Neurobotics</i> , 2022, 16, 797231.	1.6	2
40	VTON-SCFA: A Virtual Try-On Network Based on the Semantic Constraints and Flow Alignment. <i>IEEE Transactions on Multimedia</i> , 2023, 25, 777-791.	5.2	8
41	Learning stochastic object models from medical imaging measurements by use of advanced ambient generative adversarial networks. <i>Journal of Medical Imaging</i> , 2022, 9, 015503.	0.8	5
42	Detecting Anomalies in Retinal Diseases Using Generative, Discriminative, and Self-supervised Deep Learning. <i>JAMA Ophthalmology</i> , 2022, 140, 185.	1.4	17
43	Improving cervical cancer classification with imbalanced datasets combining taming transformers with T2T-ViT. <i>Multimedia Tools and Applications</i> , 2022, 81, 24265-24300.	2.6	18
44	Benchmarking the Robustness of Object Detection Based on Near-Real Military Scenes. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-12.	0.8	1
45	Exemplar-guided low-light image enhancement. <i>Multimedia Systems</i> , 0, , .	3.0	1
46	Collection of 2429 constrained headshots of 277 volunteers for deep learning. <i>Scientific Reports</i> , 2022, 12, 3730.	1.6	2
47	Lower novelty-related locus coeruleus function is associated with A $\beta$ -related cognitive decline in clinically healthy individuals. <i>Nature Communications</i> , 2022, 13, 1571.	5.8	32
48	Multi-Modality Microscopy Image Style Augmentation for Nuclei Segmentation. <i>Journal of Imaging</i> , 2022, 8, 71.	1.7	3
49	Multi-Contrast MRI Image Synthesis Using Switchable Cycle-Consistent Generative Adversarial Networks. <i>Diagnostics</i> , 2022, 12, 816.	1.3	9
50	Generative Adversarial CT Volume Extrapolation for Robust Small-to-Large Field of View Registration. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2944.	1.3	2
51	A Generative adversarial learning strategy for enhanced lightweight crack delineation networks. <i>Advanced Engineering Informatics</i> , 2022, 52, 101575.	4.0	24
52	Learning cortical representations through perturbed and adversarial dreaming. <i>ELife</i> , 2022, 11, .	2.8	10
53	Self-Supervised Deep Learning Framework for Anomaly Detection in Traffic Data. <i>Journal of Transportation Engineering Part A: Systems</i> , 2022, 148, .	0.8	4
54	Generating Photos from Line Drawings of Chinese Classical Upper-class Ladies Based on Conditional GAN. , 2021, , .		0
55	Review of network-forensic analysis optimization using deep learning against attacks on IoT devices. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
56	Application to generate a consolidated ID photo for resume using deep learning. Journal of Digital Contents Society, 2021, 22, 1951-1958.	0.1	1
57	Face Manipulation Detection Based on Supervised Multi-Feature Fusion Attention Network. Sensors, 2021, 21, 8181.	2.1	2
58	Using Super-Resolution Algorithms for Small Satellite Imagery: A Systematic Review. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3292-3312.	2.3	8
59	A Skin Cancer Classification Approach using GAN and RoI-Based Attention Mechanism. Journal of Signal Processing Systems, 2023, 95, 211-224.	1.4	7
60	PlasticGAN: Holistic generative adversarial network on face plastic and aesthetic surgery. Multimedia Tools and Applications, 2022, 81, 32139-32160.	2.6	4
61	Deep models of superficial face judgments. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115228119.	3.3	24
62	Political coherence and certainty as drivers of interpersonal liking over and above similarity. Science Advances, 2022, 8, eabk1909.	4.7	3
63	Countering Malicious DeepFakes: Survey, Battleground, and Horizon. International Journal of Computer Vision, 2022, 130, 1678-1734.	10.9	36
64	DeepGANnel: Synthesis of fully annotated single molecule patch-clamp data using generative adversarial networks. PLoS ONE, 2022, 17, e0267452.	1.1	0
65	A Deep Learning-Based Facial Acne Classification System. Clinical, Cosmetic and Investigational Dermatology, 2022, Volume 15, 851-857.	0.8	4
66	An integrated inversion framework for heterogeneous aquifer structure identification with single-sample generative adversarial network. Journal of Hydrology, 2022, 610, 127844.	2.3	31
67	MaterIA: Single Image High-Resolution Material Capture in the Wild. Computer Graphics Forum, 2022, 41, 163-177.	1.8	10
68	Editable Image Generation with Consistent Unsupervised Disentanglement Based on GAN. Applied Sciences (Switzerland), 2022, 12, 5382.	1.3	0
69	Diagnostic-Quality Guided Wave Signals Synthesized Using Generative Adversarial Neural Networks. Sensors, 2022, 22, 3848.	2.1	1
70	MinimalGAN: diverse medical image synthesis for data augmentation using minimal training data. Applied Intelligence, 0, , .	3.3	3
71	Face Editing Based on Facial Recognition Features. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 774-783.	2.6	27
72	Optimizations of Ternary Generative Adversarial Networks. , 2022, , .		4
73	deepNIR: Datasets for Generating Synthetic NIR Images and Improved Fruit Detection System Using Deep Learning Techniques. Sensors, 2022, 22, 4721.	2.1	10

#	ARTICLE	IF	CITATIONS
74	Squeezing Data from a Rock: Machine Learning for Martian Science. <i>Geosciences (Switzerland)</i> , 2022, 12, 248.	1.0	8
75	Deep Learning Augmented Realistic Avatars for Social VR Human Representation. , 2022, , .		1
76	Multimodal image synthesis based on disentanglement representations of anatomical and modality specific features, learned using uncooperative relativistic GAN. <i>Medical Image Analysis</i> , 2022, 80, 102514.	7.0	8
77	A Deep Adversarial Approach for the Generation of Synthetic Titanium Alloy Microstructures with Limited Training Data. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
78	Bayesian Imaging with Data-Driven Priors Encoded by Neural Networks. <i>SIAM Journal on Imaging Sciences</i> , 2022, 15, 892-924.	1.3	12
79	Generative Adversarial Network for Generating Different Types of Data. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2022, 142, 781-787.	0.1	0
80	Distinguishing natural and computer generated images using Multi-Colorspace fused EfficientNet. <i>Journal of Information Security and Applications</i> , 2022, 68, 103261.	1.8	4
81	On the generation of realistic synthetic petrographic datasets using a style-based GAN. <i>Scientific Reports</i> , 2022, 12, .	1.6	10
82	Mask and respirator detection: analysis and potential solutions for a frequently ill-conditioned problem. , 2022, , .		0
83	Different Techniques of Facial Image Generation from Textual Input : A Survey. , 2022, , .		0
84	Authentic volumetric avatars from a phone scan. <i>ACM Transactions on Graphics</i> , 2022, 41, 1-19.	4.9	33
85	A Generative Approach to Materials Discovery, Design, and Optimization. <i>ACS Omega</i> , 2022, 7, 25958-25973.	1.6	13
86	Ingroup and outgroup differences in face detection. <i>British Journal of Psychology</i> , 2023, 114, 94-111.	1.2	2
87	A Dynamic Convolutional Generative Adversarial Network for Video Anomaly Detection. <i>Arabian Journal for Science and Engineering</i> , 0, , .	1.7	1
89	Generating experimentally unrelated target molecule-binding highly functionalized nucleic-acid polymers using machine learning. <i>Nature Communications</i> , 2022, 13, .	5.8	10
90	Alâ€™+â€™Ethics Curricula for Middle School Youth: Lessons Learned from Three Project-Based Curricula. <i>International Journal of Artificial Intelligence in Education</i> , 2023, 33, 325-383.	3.9	15
91	Style-based quantum generative adversarial networks for Monte Carlo events. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 6, 777.	0.0	14
92	A layer-wise fusion network incorporating self-supervised learning for multimodal MR image synthesis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0

#	ARTICLE	IF	CITATIONS
93	A Conditional GAN for Generating Time Series Data for Stress Detection in Wearable Physiological Sensor Data. <i>Sensors</i> , 2022, 22, 5969.	2.1	6
94	MaxStyle: Adversarial Style Composition for Robust Medical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2022, , 151-161.	1.0	10
95	LiWGAN: A Light Method to Improve the Performance of Generative Adversarial Network. <i>IEEE Access</i> , 2022, 10, 93155-93167.	2.6	1
96	Document Image Forgery Detection Based on Deep Learning Models. , 2022, , .		1
97	Semantic-Aware Auto-Encoders for Self-supervised Representation Learning. , 2022, , .		2
98	Generative Adversarial Networks and Data Clustering for Likable Drone Design. <i>Sensors</i> , 2022, 22, 6433.	2.1	4
99	A Review of Multi-Modal Learning from the Text-Guided Visual Processing Viewpoint. <i>Sensors</i> , 2022, 22, 6816.	2.1	1
102	A data-driven, hyper-realistic method for visualizing individual mental representations of faces. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	3
103	RSFace: subject agnostic face swapping with expression high fidelity. <i>Visual Computer</i> , 0, , .	2.5	2
104	CardioVinci: building blocks for virtual cardiac cells using deep learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	1.8	2
105	A controllable face forgery framework to enrich face-privacy-protection datasets. <i>Image and Vision Computing</i> , 2022, 127, 104566.	2.7	4
106	HairNet: Hairstyle Transfer with Pose Changes. <i>Lecture Notes in Computer Science</i> , 2022, , 651-667.	1.0	4
107	Neural Scene Decoration from a Single Photograph. <i>Lecture Notes in Computer Science</i> , 2022, , 136-152.	1.0	1
108	HyperStyle-Based Data Augmentation to Improve the Performance of Face Recognition Model. , 2022, , .		0
109	Deepfake attack prevention using steganography GANs. <i>PeerJ Computer Science</i> , 0, 8, e1125.	2.7	2
110	Face tampering detection based on spatiotemporal attention residual network. , 2022, , .		0
112	The Role of Deep Learning in Advancing Breast Cancer Detection Using Different Imaging Modalities: A Systematic Review. <i>Cancers</i> , 2022, 14, 5334.	1.7	19
113	Double discriminative face super-resolution network with facial landmark heatmaps. <i>Visual Computer</i> , 2023, 39, 5883-5895.	2.5	1

#	ARTICLE	IF	CITATIONS
114	ICAM-Reg: Interpretable Classification and Regression With Feature Attribution for Mapping Neurological Phenotypes in Individual Scans. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 959-970.	5.4	6
115	DFS-GAN: stabilizing training of generative adversarial networks through discarding fake samples. <i>Journal of Electronic Imaging</i> , 2022, 31, .	0.5	0
116	Dress-up: deep neural framework for image-based human appearance transfer. <i>Multimedia Tools and Applications</i> , 2023, 82, 23151-23178.	2.6	1
117	Does Order Simultaneity Affect the Data Mining Task in Financial Markets? Effect Analysis of Order Simultaneity Using Artificial Market. <i>Lecture Notes in Computer Science</i> , 2023, , 297-313.	1.0	0
118	Unsupervised Image-to-Image Translation: A Review. <i>Sensors</i> , 2022, 22, 8540.	2.1	6
119	Generative quantum learning of joint probability distribution functions. <i>Physical Review Research</i> , 2022, 4, .	1.3	13
120	Spectral Spatial Generative Adversarial Network for Super-Resolution Land Cover Mapping With Multispectral Remotely Sensed Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2023, 16, 522-537.	2.3	2
121	Explaining the black-box smoothly A counterfactual approach. <i>Medical Image Analysis</i> , 2023, 84, 102721.	7.0	13
122	Face Recognition via Multi-Level 3D-GAN Colorization. <i>IEEE Access</i> , 2022, 10, 133078-133094.	2.6	1
123	Interactive Image Inpainting Using Semantic Guidance. , 2022, , .		2
124	SynthEye: Investigating the Impact of Synthetic Data on Artificial Intelligence-assisted Gene Diagnosis of Inherited Retinal Disease. <i>Ophthalmology Science</i> , 2023, 3, 100258.	1.0	10
125	Nature-inspired architected materials using unsupervised deep learning. , 2022, 1, .		24
126	Auguring Fake Face Images Using Dual Input Convolution Neural Network. <i>Journal of Imaging</i> , 2023, 9, 3.	1.7	10
127	On the realness of people who do not exist: The social processing of artificial faces. <i>IScience</i> , 2022, 25, 105441.	1.9	12
128	Current status, application, and challenges of the interpretability of generative adversarial network models. <i>Computational Intelligence</i> , 2023, 39, 283-314.	2.1	2
129	Demographic Fairness in Biometric Systems: What Do the Experts Say?. <i>IEEE Technology and Society Magazine</i> , 2022, 41, 71-82.	0.6	8
130	High-fidelity diabetic retina fundus image synthesis from freestyle lesion maps. <i>Biomedical Optics Express</i> , 2023, 14, 533.	1.5	3
131	Multi-Scope Feature Extraction for Intracranial Aneurysm 3D Point Cloud Completion. <i>Cells</i> , 2022, 11, 4107.	1.8	0



#	ARTICLE	IF	CITATIONS
132	Individual identification method of little sample radiation source based on SGDCGAN+DCNN. IET Communications, 2023, 17, 253-264.	1.5	0
133	Generation of highly realistic microstructural images of alloys from limited data with a style-based generative adversarial network. Scientific Reports, 2023, 13, .	1.6	6
135	High Performing Facial Skin Problem Diagnosis with Enhanced Mask R-CNN and Super Resolution GAN. Applied Sciences (Switzerland), 2023, 13, 989.	1.3	5
136	Adversarial Synthesis based Data Augmentation for Speech Classification. , 2022, , .		0
137	Sim2Real Instance-Level Style Transfer for 6D Pose Estimation. , 2022, , .		1
138	Research on the Application of Generative Adversarial Networks in Aerial Image Generation. , 2022, , .		0
139	Facial Expression Emotion Recognition Based on Transfer Learning and Generative Model. , 2022, , .		1
140	Multiclass Mask Classification with a New Convolutional Neural Model and Its Real-Time Implementation. Life, 2023, 13, 368.	1.1	1
141	Thermal image generation for blast furnace chute based on generative adversarial network. Signal, Image and Video Processing, 0, , .	1.7	1
142	Manipulated Face Detection and Localization Based on Semantic Segmentation. Lecture Notes in Computer Science, 2023, , 98-113.	1.0	0
143	CD-GAN: Commonsense-Driven Generative Adversarial Network with Hierarchical Refinement for Text-to-Image Synthesis. , 2023, 2, .		1
144	SCS-Net: An efficient and practical approach towards Face Mask Detection. Procedia Computer Science, 2023, 218, 1878-1887.	1.2	1
145	A generative adversarial model of intrusive imagery in the human brain. , 2023, 2, .		4
146	A Unified Framework From Face Image Restoration to Data Augmentation Using Generative Prior. IEEE Access, 2023, 11, 2907-2919.	2.6	0
147	Single patch super-resolution of histopathology whole slide images: a comparative study. Journal of Medical Imaging, 2023, 10, .	0.8	0
148	Deep Photographic Steganography for Display-to-Camera Communication. , 2022, , .		0
149	Artificial Intelligence Models for Analyzing Thermally Sprayed Functional Coatings. Journal of Thermal Spray Technology, 2023, 32, 388-400.	1.6	5
150	UAV Aerial Image Generation of Crucial Components of High-Voltage Transmission Lines Based on Multi-Level Generative Adversarial Network. Remote Sensing, 2023, 15, 1412.	1.8	7

#	ARTICLE	IF	CITATIONS
151	Disentangling disorder-specific variation is key for precision psychiatry in autism. <i>Frontiers in Behavioral Neuroscience</i> , 0, 17, .	1.0	0
152	Towards Home-Based Diabetic Foot Ulcer Monitoring: A Systematic Review. <i>Sensors</i> , 2023, 23, 3618.	2.1	7
153	Pursuit of a discriminative representation for multiple subspaces via sequential games. <i>Journal of the Franklin Institute</i> , 2023, 360, 4135-4171.	1.9	2
154	A generative adversarial network with "zero-shot" learning for positron image denoising. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
155	Book Cover Synthesis from the Summary. , 2022, , .		0
156	Towards a Controllable and Reversible Privacy Protection System for Facial Images through Enhanced Multi-Factor Modifier Networks. <i>Entropy</i> , 2023, 25, 272.	1.1	3
157	Intraclass Image Augmentation for Defect Detection Using Generative Adversarial Neural Networks. <i>Sensors</i> , 2023, 23, 1861.	2.1	6
158	Deep learning for studying drawing behavior: A review. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	5
159	Unsupervised learning reveals interpretable latent representations for translucency perception. <i>PLoS Computational Biology</i> , 2023, 19, e1010878.	1.5	2
160	Generating muonic force carriers events with classical and quantum neural networks. <i>Journal of Physics: Conference Series</i> , 2023, 2438, 012089.	0.3	0
161	Unsupervised anomaly detection with generative adversarial networks in mammography. <i>Scientific Reports</i> , 2023, 13, .	1.6	5
162	Leveraging explanations in interactive machine learning: An overview. <i>Frontiers in Artificial Intelligence</i> , 0, 6, .	2.0	9
163	Multi-phase attention network for face super-resolution. <i>PLoS ONE</i> , 2023, 18, e0280986.	1.1	1
164	Deep learning for face mask detection: a survey. <i>Multimedia Tools and Applications</i> , 2023, 82, 34321-34361.	2.6	2
165	Interactive landscape"scale cloud animation using DCGAN. <i>Frontiers in Computer Science</i> , 0, 5, .	1.7	3
166	Modeling facial perception in group context from a serial perception perspective. <i>Journal of Vision</i> , 2023, 23, 4.	0.1	3
167	Multi-stage Network with Garments Extraction Module to Improve Image-based Virtual Try-on. , 2022, , .		0
168	Identifying the advantageous latent space dimensionality for StyleGANs used in industrial machine vision applications. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
169	Predicting COVID-19 Case Counts using Twitter Image Data. , 2022, , .		0
170	MADGAN:A microbe-disease association prediction model based on generative adversarial networks. Frontiers in Microbiology, 0, 14, .	1.5	1
171	The Potential of Instagram to Reduce Stigmatization of People with Psoriasis: A Randomized Controlled Pilot Study. Acta Dermato-Venereologica, 0, 103, adv3513.	0.6	4
172	A deep generative adversarial network capturing complex spiral waves in disinhibited circuits of the cerebral cortex. BMC Neuroscience, 2023, 24, .	0.8	2
173	Mimicking non-ideal instrument behavior for hologram processing using neural style translation. Optics Express, 0, , .	1.7	0
174	Citrus Disease Image Generation and Classification Based on Improved FastGAN and EfficientNet-B5. Agronomy, 2023, 13, 988.	1.3	4
175	Temporal Co-Attention Guided Conditional Generative Adversarial Network for Optical Image Synthesis. Remote Sensing, 2023, 15, 1863.	1.8	1
176	Deepfakes as a threat to a speaker and facial recognition: An overview of tools and attack vectors. Heliyon, 2023, 9, e15090.	1.4	5
177	How do people respond to computer-generated versus human faces? A systematic review and meta-analyses. Computers in Human Behavior Reports, 2023, 10, 100283.	2.3	7
178	An expert knowledge-empowered CNN approach for welding radiographic image recognition. Advanced Engineering Informatics, 2023, 56, 101963.	4.0	9
179	Recurrent Affine Transformation for Text-to-Image Synthesis. IEEE Transactions on Multimedia, 2024, 26, 462-473.	5.2	6
180	AEP-GAN: Aesthetic Enhanced Perception Generative Adversarial Network for Asian facial beauty synthesis. Applied Intelligence, 0, , .	3.3	0
181	This population does not exist: learning the distribution of evolutionary histories with generative adversarial networks. Genetics, 2023, 224, .	1.2	3
182	Application of Artificial Neural Networks inSatellite Imaging “ A Systematic Review. , 2023, , .		0
183	WordGesture-GAN: Modeling Word-Gesture Movement with Generative Adversarial Network. , 2023, , .		1
184	Morphing Identity: Exploring Self-Other Identity Continuum through Interpersonal Facial Morphing Experience. , 2023, , .		1
193	Multi-Scale Feature Enhancement Network for Face Forgery Detection. , 2023, , .		0
194	Using Image Pre-Processing to Improve Navigation Line Extraction Based on Pix2Pix Net on Small-size Datasets. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
195	Convolutional Neural Networks for Multiclass Classification of Masks. Studies in Computational Intelligence, 2023, , 27-41.	0.7	0
198	3D Attention Network for Face Forgery Detection. , 2023, , .		1
202	Modular Control and Services to Operate Lineless Mobile Assembly Systems. , 2023, , 1-26.		1
204	Convolutional Neural Networks for Face Detection and Face Mask Multiclass Classification. Lecture Notes in Networks and Systems, 2023, , 13-20.	0.5	1
205	Exposing Deepfake Frames through Spectral Analysis of Color Channels in Frequency Domain. , 2023, , .		0
206	Unsupervised Face Synthesis Based on Human Traits. , 2023, , .		0
207	Instance-level image synthesis method based on multi-scale style transformation. , 2023, , .		0
213	LatentAvatar: Learning Latent Expression Code for Expressive Neural Head Avatar. , 2023, , .		0
214	Generative Adversarial Networks and Other Generative Models. Neuromethods, 2023, , 139-192.	0.2	1
215	AniFaceDrawing: Anime Portrait Exploration during Your Sketching. , 2023, , .		2
222	Is Training Useful to Detect Deepfakes?: A Preliminary Study.. , 2023, , .		0
223	A brief introductory review to deep generative models for civil structural health monitoring. , 2023, 2, .		5
224	Compact Real-Time Radiance Fields with Neural Codebook. , 2023, , .		0
227	One-Stage 3D Whole-Body Mesh Recovery with Component Aware Transformer. , 2023, , .		4
228	CoralStyleCLIP: Co-optimized Region and Layer Selection for Image Editing. , 2023, , .		1
229	3DAvatarGAN: Bridging Domains for Personalized Editable Avatars. , 2023, , .		9
233	Data Augmentation Techniques for Facial Image Generation: A Brief Literature Review. Studies in Big Data, 2023, , 185-209.	0.8	0
235	Facial Expression Synthesis and Recognition with Pre-Trained StyleGAN. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
237	Text Guided Generation and Manipulation of human Face Images using StyleGAN. , 2023, , .		0
242	Modular Control and Services to Operate Lineless Mobile Assembly Systems. , 2023, , 1-26.		0
247	Generated AI Face Detection using Xception Model. , 2023, , .		0
250	TouchType-GAN: Modeling Touch Typing with Generative Adversarial Network. , 2023, , .		0
259	Learning a Deep Fourier Attention Generative Adversarial Network for Light Field Image Super-Resolution. Lecture Notes in Computer Science, 2023, , 185-197.	1.0	0
260	SoMeMax - A Novel AI-driven Approach to Generate Artificial Social Media Content That Maximises User Engagement. , 2023, , .		0
264	Preprocessing high-definition images: interpretable feature extraction with pre-trained StyleGAN. , 2023, , .		0
265	DeepFake Detection Using Deep Learning. Communications in Computer and Information Science, 2023, , 142-154.	0.4	0
270	Crowd Counting in Harsh Weather using Image Denoising with Pix2Pix GANs. , 2023, , .		0
275	High Fidelity Face Swapping via Semantics Disentanglement and Structure Enhancement. , 2023, , .		0
276	Study on Face Landmark-based Analysis for Synthetic Media Identification Generated by Adversarial Generative Networks. , 2023, , .		0
277	One-shot Detail Retouching with Patch Space Neural Transformation Blending. , 2023, , .		0
278	HDR Illumination Outpainting with a Two-Stage GAN Model. , 2023, , .		0
280	Haptic Dataset Augmentation with Subjective QoE Labels using Conditional Generative Adversarial Network. , 2023, , .		0
285	Generation of High-Quality Realistic Faces with StyleGAN. , 2023, , .		0
286	ToonMeet: A Real-time Portrait Toonification Framework with Frame Interpolation Fine-tuned for Online Meeting. , 2023, , .		0
287	A systematic review for image enhancement using deep learning techniques. AIP Conference Proceedings, 2023, , .	0.3	0
289	Multistage guidance on the diffusion model inspired by human artists's creative thinking. Frontiers of Information Technology and Electronic Engineering, 2024, 25, 170-178.	1.5	0

#	ARTICLE	IF	CITATIONS
291	SemiRefiner: Learning to Refine Semi-realistic Paintings. Lecture Notes in Computer Science, 2024, , 275-286.	1.0	0
292	Modular Control and Services to Operate Lineless Mobile Assembly Systems. , 2024, , 303-328.		0
297	Text Description to Facial Sketch Generation using GANs. , 2023, , .		0
300	Unsupervised Facial Performance Editing via Vector-Quantized StyleGAN Representations. , 2023, , .		0
301	Generative Prompt Model for Weakly Supervised Object Localization. , 2023, , .		0
302	HairNeRF: Geometry-Aware Image Synthesis for Hairstyle Transfer. , 2023, , .		0
307	Im2Video: A Zero-Shot approach using diffusion models for natural language conditioned Image-to-Video. , 2023, , .		0
308	Manipulating Medical Image Translation with Manifold Disentanglement. , 2023, , .		0
311	Asymmetric Semantic Communication System Based on Diffusion Model in IoT. , 2023, , .		0
316	Synthetic Water Crystal Image Generation Using VAE-GANs and Diffusion Models. Lecture Notes in Networks and Systems, 2024, , 95-104.	0.5	0
318	Generative Adversarial Networks for Artificial Satellite Image Creation and Manipulation. Advances in Information Security, 2024, , 125-143.	0.9	0
319	How Generative AI Is Transforming Medical Imaging: A Practical Guide. , 2024, , 371-385.		0
320	Diffusion Augmented Flows: Combining Normalizing Flows and Diffusion Models for Accurate Latent Space Mapping. Lecture Notes in Networks and Systems, 2024, , 537-549.	0.5	0