

Artificial Neural Networks and Deep Learning in the Vis

Neural Computing and Applications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Real UAV-Bird Image Classification Using CNN with a Synthetic Dataset. Applied Sciences (Switzerland), 2021, 11, 3863.	2.5	14
2	Fine-Grained Pests Recognition Based on Truncated Probability Fusion Network via Internet of Things in Forestry and Agricultural Scenes. Algorithms, 2021, 14, 290.	2.1	1
3	An Information Theory Approach to Aesthetic Assessment of Visual Patterns. Entropy, 2021, 23, 153.	2.2	4
4	Innovative design of wall painting pattern based on microprocessor system and evolutionary computer technology. Eurasip Journal on Advances in Signal Processing, 2021, 2021, .	1.7	4
5	Validation of an Aesthetic Assessment System for Commercial Tasks. Entropy, 2022, 24, 103.	2.2	5
6	Animated ink and wash character modeling and simulation based on automatic intelligent matching of local pixel blocks. Neural Computing and Applications, 0, , 1.	5.6	0
7	Automated diagnosis of schistosomiasis by using faster R-CNN for egg detection in microscopy images prepared by the Katoâ€Katz technique. Neural Computing and Applications, 2022, 34, 9025-9042.	5.6	2
8	DVPPIR: privacy-preserving image retrieval based on DCNN and VHE. Neural Computing and Applications, 2022, 34, 14355-14371.	5.6	5
9	GAN computers generate arts? A survey on visual arts, music, and literary text generation using generative adversarial network. Displays, 2022, 73, 102237.	3.7	36
10	Application of Artificial Neural Networks for the Analysis of Data on Liquidâ€Liquid Equilibrium in Three-Component Systems. Theoretical Foundations of Chemical Engineering, 2022, 56, 200-207.	0.7	1
11	IMAGE DETECTION OF DENTAL DISEASES BASED ON DEEP TRANSFER LEARNING. , 2021, , .		1
12	Content System of Physical Fitness Training for Track and Field Athletes and Evaluation Criteria of Some Indicators Based on Artificial Neural Network. Discrete Dynamics in Nature and Society, 2022, 2022, 1-10.	0.9	2
13	Semi-supervised physics guided deep learning framework: An application in modeling of gallium nitride based high electron mobility transistors. Journal of Applied Physics, 2022, 132, 044902.	2.5	0
14	Machine learning-driven seismic failure mode identification of reinforced concrete shear walls based on PCA feature extraction. Structures, 2022, 44, 1429-1442.	3.6	17
15	Multi-Scale Cascaded Generator for Music-driven Dance Synthesis. , 2022, , .		1
16	DRIS: Research on Automatic Recognition of Artistic Conception of Classical Poems Based on Deep Learning. International Journal of Cooperative Information Systems, 2022, 31, .	0.8	0
17	Aortic Enlargement Detection using Chest X-rays to Identify Potential Marfan Syndrome. Procedia Computer Science, 2022, 207, 2125-2133.	2.0	2
18	Statistical image properties predict aesthetic ratings in abstract paintings created by neural style transfer. Frontiers in Neuroscience, 0, 16, .	2.8	4

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19	Multimodal metadata assignment for cultural heritage artifacts. Multimedia Systems, 2023, 29, 847-869.	4.7	3
20	Survey on computational 3D visual optical art design. Visual Computing for Industry, Biomedicine, and Art, 2022, 5, .	3.7	4
21	Research and application of artificial intelligence techniques for wire arc additive manufacturing: a state-of-the-art review. Robotics and Computer-Integrated Manufacturing, 2023, 82, 102525.	9.9	16
22	Innovation, AI, and Materiality: Learning from the Arts. Palgrave Debates in Business and Management, 2023, , 319-337.	0.2	1
23	Research on deep learning video game simulation algorithm based on western wind music. Entertainment Computing, 2023, 46, 100566.	2.9	0
24	Semi-supervised networks integrated with autoencoder and pseudo-labels propagation for structural condition assessment. Measurement: Journal of the International Measurement Confederation, 2023, 214, 112779.	5.0	4
25	Multi-lane detection by combining line anchor and feature shift for urban traffic management. Engineering Applications of Artificial Intelligence, 2023, 123, 106238.	8.1	1
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28	Microstructural design of solid oxide fuel cell electrodes by micro-modeling coupled with artificial neural network. Powder Technology, 2023, 425, 118551.	4.2	2
30	Radial Basis Function Neural Network with Centers Training Stage for Prediction Based on Dispersed Image Data. Lecture Notes in Computer Science, 2023, , 89-103.	1.3	0
31	Measurement calibration of optical instrument by using improved algorithm and data simulation. Soft Computing, 0, .	3.6	0
32	Evolving Coagency between Artists and AI in the Spatial Cocreative Process of Artmaking. Annals of the American Association of Geographers, 2023, 113, 2203-2218.	2.2	1
33	AI Pathfinding Algorithm in 3D Game Development Strategy Optimization System. Lecture Notes in Mechanical Engineering, 2023, , 407-417.	0.4	0
34	Metaverse-oriented visual art quality enhancement strategies: a field architecture design and fuzzy assessment theory perspective. Journal of Intelligent and Fuzzy Systems, 2023, , 1-19.	1.4	0
35	Generative Deep Learning-Based Thermographic Inspection of Artwork. Sensors, 2023, 23, 6362.	3.8	0
36	Contactless Human Activity Recognition using Deep Learning with Flexible and Scalable Software Define Radio. , 2023, , .		2
37	Generative Neural Network Approach to Designing Dynamic Inductive Power Transfer Systems. , 2023, , .		1

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38	Automated construction management platform with image analysis using deep learning neural networks. Multimedia Tools and Applications, 2024, 83, 28927-28945.	3.9	0
39	Algorithm and simulation study of oil painting classification based on visual perception and improved embedded learning. Journal of Intelligent and Fuzzy Systems, 2023, , 1-11.	1.4	0
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42	Aesthetic Aspects of Digital Humanism: An Aesthetic-Philosophical Analysis of Whether AI Can Create Art. , 2024, , 211-224.		0
43	Integration of Flexible Touch Panels and Machine Learning: Applications and Techniques. Advanced Intelligent Systems, 2024, 6, .	6.1	0
44	Artificial intelligence studies in cartography: a review and synthesis of methods, applications, and ethics. Cartography and Geographic Information Science, 0, , 1-32.	3.0	0
45	Artificial Intelligence in Art Generation: An Open Issue. Lecture Notes in Computer Science, 2024, , 258-269.	1.3	0
46	Literature Review on the Study of Non-Qualities of a Product Using Neural Networks. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2023, , 318-333.	0.5	0
47	UDGAN: A new urban design inspiration approach driven by using generative adversarial networks. Journal of Computational Design and Engineering, 2023, 11, 305-324.	3.1	0
48	Visual Perception Optimization of Residential Landscape Spaces in Cold Regions Using Virtual Reality and Machine Learning. Land, 2024, 13, 367.	2.9	0
49	Deep Fake detection using deep learning. AIP Conference Proceedings, 2024, , .	0.4	0