

# Gennaro Vessio

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

634  
citations

623188

14  
h-index

642321

23  
g-index

49  
all docs

49  
docs citations

49  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA expression classification for pediatric multiple sclerosis identification. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 15851-15860.	3.3	12
2	ROULETTE: A neural attention multi-output model for explainable Network Intrusion Detection. <i>Expert Systems With Applications</i> , 2022, 201, 117144.	4.4	17
3	Leveraging Knowledge Graphs and Deep Learning for automatic art analysis. <i>Knowledge-Based Systems</i> , 2022, 248, 108859.	4.0	17
4	A survey of visual and procedural handwriting analysis for neuropsychological assessment. <i>Neural Computing and Applications</i> , 2022, 34, 9561-9578.	3.2	8
5	MLOps: A Taxonomy and a Methodology. <i>IEEE Access</i> , 2022, 10, 63606-63618.	2.6	18
6	Human Detection in Drone Images Using YOLO for Search-and-Rescue Operations. <i>Lecture Notes in Computer Science</i> , 2022, , 326-337.	1.0	4
7	Sequence-based dynamic handwriting analysis for Parkinson's disease detection with one-dimensional convolutions and BiGRUs. <i>Expert Systems With Applications</i> , 2021, 168, 114405.	4.4	49
8	Visual link retrieval and knowledge discovery in painting datasets. <i>Multimedia Tools and Applications</i> , 2021, 80, 6599-6616.	2.6	25
9	Exploiting Time in Adaptive Learning from Educational Data. <i>Communications in Computer and Information Science</i> , 2021, , 3-16.	0.4	6
10	Deep Convolutional Embedding for Digitized Painting Clustering. , 2021, , .		7
11	Automatic Clustering of CT Scans of COVID-19 Patients Based on Deep Learning. <i>Lecture Notes in Computer Science</i> , 2021, , 231-242.	1.0	1
12	Explaining Ovarian Cancer Gene Expression Profiles with Fuzzy Rules and Genetic Algorithms. <i>Electronics (Switzerland)</i> , 2021, 10, 375.	1.8	10
13	Deep learning approaches to pattern extraction and recognition in paintings and drawings: an overview. <i>Neural Computing and Applications</i> , 2021, 33, 12263-12282.	3.2	37
14	An easy-to-explain decision support framework for forensic analysis of dynamic signatures. <i>Forensic Science International: Digital Investigation</i> , 2021, 38, 301216.	1.2	6
15	Editorial for Special Issue "Fine Art Pattern Extraction and Recognition". <i>Journal of Imaging</i> , 2021, 7, 195.	1.7	0
16	A Brief Overview of Deep Learning Approaches to Pattern Extraction and Recognition in Paintings and Drawings. <i>Lecture Notes in Computer Science</i> , 2021, , 487-501.	1.0	4
17	Leveraging Grad-CAM to Improve the Accuracy of Network Intrusion Detection Systems. <i>Lecture Notes in Computer Science</i> , 2021, , 385-400.	1.0	5
18	Retrieving Visually Linked Digitized Paintings. , 2021, , 233-247.		2

#	ARTICLE	IF	CITATIONS
19	Real-Time Age Estimation from Facial Images Using YOLO and EfficientNet. Lecture Notes in Computer Science, 2021, , 275-284.	1.0	7
20	Detection of Dementia Through 3D Convolutional Neural Networks Based on Amyloid PET. , 2021, , .		2
21	Recognizing the Waving Gesture in the Interaction with a Social Robot. , 2020, , .		1
22	Crowd Counting from Unmanned Aerial Vehicles with Fully-Convolutional Neural Networks. , 2020, , .		4
23	Educational Stream Data Analysis: A Case Study. , 2020, , .		3
24	Ensembling complex network "perspectives" for mild cognitive impairment detection with artificial neural networks. Pattern Recognition Letters, 2020, 136, 168-174.	2.6	15
25	Evaluation of Cognitive Impairment in Pediatric Multiple Sclerosis with Machine Learning: An Exploratory Study of miRNA Expressions. , 2020, , .		2
26	Crowd Detection in Aerial Images Using Spatial Graphs and Fully-Convolutional Neural Networks. IEEE Access, 2020, 8, 64534-64544.	2.6	34
27	Crowd Detection for Drone Safe Landing Through Fully-Convolutional Neural Networks. Lecture Notes in Computer Science, 2020, , 301-312.	1.0	19
28	Towards a Tool for Visual Link Retrieval and Knowledge Discovery in Painting Datasets. Communications in Computer and Information Science, 2020, , 105-110.	0.4	15
29	Deep Convolutional Embedding for Painting Clustering: Case Study on Picasso's Artworks. Lecture Notes in Computer Science, 2020, , 68-78.	1.0	1
30	Towards a Decision Support Framework for Forensic Analysis of Dynamic Signatures. Communications in Computer and Information Science, 2020, , 9-14.	0.4	0
31	VisDrone-CC2020: The Vision Meets Drone Crowd Counting Challenge Results. Lecture Notes in Computer Science, 2020, , 675-691.	1.0	7
32	Multi-view Convolutional Network for Crowd Counting in Drone-Captured Images. Lecture Notes in Computer Science, 2020, , 588-603.	1.0	9
33	Innovative classification of dolphins using deep neural networks and GrabCut. , 2020, , .		0
34	Preliminary Evaluation of TinyYOLO on a New Dataset for Search-and-Rescue with Drones. , 2020, , .		6
35	Investigating the Sigma-Lognormal Model for Disease Classification by Handwriting. Series in Machine Perception and Artificial Intelligence, 2020, , 195-209.	0.1	3
36	Dynamic Handwriting Analysis for Neurodegenerative Disease Assessment: A Literary Review. Applied Sciences (Switzerland), 2019, 9, 4666.	1.3	56

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37	Dynamically enhanced static handwriting representation for Parkinsonâ€™s disease detection. Pattern Recognition Letters, 2019, 128, 204-210.	2.6	74
38	Attentional Pattern Classification for Automatic Dementia Detection. IEEE Access, 2019, 7, 57706-57716.	2.6	27
39	A Handwriting-Based Protocol for Assessing Neurodegenerative Dementia. Cognitive Computation, 2019, 11, 576-586.	3.6	43
40	An Evolutionary Approach to address Interoperability Issues in Multi-Device Signature Verification. , 2019, , .		4
41	Handwriting Dynamics as an Indicator of Cognitive Reserve: An Exploratory Study*. , 2019, , .		2
42	Performance-Driven Handwriting Task Selection for Parkinsonâ€™s Disease Classification. Lecture Notes in Computer Science, 2019, , 281-293.	1.0	4
43	Intercepting Blackhole Attacks in MANETs: An ASM-based Model. Lecture Notes in Computer Science, 2018, , 137-152.	1.0	4
44	An ASM-based characterisation of starvation-free systems. International Journal of Parallel, Emergent and Distributed Systems, 2018, 33, 35-51.	0.7	1
45	Dynamic Handwriting Analysis for Supporting Earlier Parkinsonâ€™s Disease Diagnosis. Information (Switzerland), 2018, 9, 247.	1.7	50
46	Towards an ASM-based Characterization of the Deadlock-freedom Property. , 2016, , .		0
47	Comparing AODV and N-AODV Routing Protocols for Mobile Ad-hoc Networks. , 2015, , .		3
48	Applying Predicate Abstraction to Abstract State Machines. Lecture Notes in Business Information Processing, 2015, , 283-292.	0.8	6
49	Preliminary Description of NACK-based Ad-hoc On-demand Distance Vector Routing Protocol for MANETs. , 2014, , .		4