

ELENCO PUBBLICAZIONI SU RIVISTE INDICIZZATE SCOPUS/WoS NEL PERIODO DI RIFERIMENTO:

- [1] D. Avola, M. Cascio, L. Cinque, A. Faggioli, G.L. Foresti, "LieToMe: An Ensemble Approach for Deception Detection from Facial Cues", *International Journal of Neural Systems*, Vol. 31, No. 2, 2050068, 2021. (doi: 10.1142/S0129065720500689)
- [2] D. Avola, M. Cascio, L. Cinque, G.L. Foresti, D. Pannone, "Machine Learning for Video Event Recognition", *Integrated Computer-Aided Engineering*, Vol. 28, pp. 309-3169 2021. (doi: 10.3233/ICA-210652)
- [3] V. Cantoni, G.L. Foresti, N. Sebe "Editorial for the Special Issue on the Dafne Project (DigitalAnastylosis of Frescoes challeNgE)", *Pattern Recognition Letters*, Vol. 147, pp. 179-180, 2021. (doi: 10.1016/j.patrec.2021.04.016)
- [4] D. Avola, L. Cinque, A. Diko, A. Faggioli, G.L. Foresti, A. Mecca, D. Pannone, C. Piciarelli, "MS-Faster R-CNN: Multi-Stream Backbone for Improved Faster R-CNN ", *Remote Sensing*, Vol. 13, No. 9, 1670, 2021. (doi: 10.3390/rs13091670)
- [5] D. Avola, L. Cinque, A. Faggioli, G.L. Foresti, A. Mecca, "Ultrasound Medical Imaging Techniques: A Survey", *ACM Computing Surveys*, Vol. 54, No. 3, pp. 1-32, 2022. (doi: 10.1145/3447243).
- [6] D. Avola, M. Cascio, L. Cinque, A. Faggioli, G.L. Foresti, "Human Silhouette and Skeleton Video Synthesis through Wi-Fi signals", *International Journal of Neural Systems*, Vol. 32, No. 5, Article No. 2250015, 2022. (doi: 10.1142/S0129065722500150).
- [7] A.P. Beltrami, M. De Martino, E. Dalla, M.C. Malfatti, F. Caponnetto, M. Codrich, D. Stefanizzi, M. Fabris, E. Sozio, F. D'aurizio, C. Pucillo, L.A. Sechi, C. Tascini, F. Curcio, G.L. Foresti, C. Piciarelli, A. De Nardin, G. Tell, M. Isola, "Combining Deep Phenotyping of Serum Proteomics and Clinical Data via Machine Learning for COVID-19 Biomarker Discovery", *International Journal of Molecular Sciences, Special Issue on Coronavirus Disease (COVID-19): Pathophysiology 2.0*, Vol. 23, No. 16, 9161, 2022. (doi.org/10.3390/ijms23169161)
- [8] D. Avola, M. Cascio, L. Cinque, A. Faggioli, G.L. Foresti, "Affective Action and Interaction Recognition by Multi-View Representation Learning from Handcrafted Low-level Skeleton Features", *International Journal of Neural Systems*, Vol. 32, No. 10, 2250040, 2022. (doi: 10.1142/S012906572250040X).
- [9] D. Avola, L. Cinque, A. Faggioli, G.L. Foresti, C. Massaroni, "Deep Temporal Analysis for Non-Acted Body Affect Recognition", *IEEE Transactions on Affective Computing*, Vol. 13, pp. 1366-1377, 2022. (doi: 10.1109/TAFFC.2020.3003816).
- [10] S. Antonelli, D. Avola, L. Cinque, D. Crisostomi, G.L. Foresti, F. Galasso, M. Marini, A. Mecca, D. Pannone "Few-Shot Object Detection: A Survey", *ACM Computing Surveys*, Vol. 54, No. 11, pp. 1-37, 2022. (doi: doi.org/10.1145/3519022).
- [11] D. Avola, L. Cinque, A. Faggioli, G.L. Foresti, A. Fragomeni, D. Pannone, "3D Hand Pose and Shape Estimation from RGB Images for Keypoint-Based Hand Gesture Recognition", *Pattern Recognition*, Vol. 129, No. 108762, 2022 (doi: <https://doi.org/10.1016/j.patcog.2022.108762>)
- [12] A. De Nardin, S. Zottin, C. Piciarelli, E. Colombi, G.L. Foresti, "Few-shot pixel-precise document layout segmentation via dynamic instance generation and local thresholding", *International Journal of Neural Systems*, Vol. 33, No. 10, Article No. 2350052, 2023. (doi.org/10.1142/S0129065723500521).
- [13] S. Zottin, A. De Nardin, E. Colombi, F. Pavan, C. Piciarelli, G.L. Foresti, "U-DIADS-Bib: a full and few-shot pixel-precise dataset for document layout analysis of ancient manuscripts", *Neural Computing and Applications*, Vol. 33, No. 10, 2350052, 2023. (doi.org/10.1007/s00521-023-09356-5).

ELENCO PUBBLICAZIONI SU CONFERENZE INDICIZZATE SCOPUS/WoS NEL PERIODO DI RIFERIMENTO:

- [1] C. Piciarelli, P. Mishra, G.L. Foresti, “Image Anomaly Detection by aggregating deep pyramidal representations”, 25rd International Conference on Pattern Recognition (ICPR2020), January 10–15, 2021, Milan, Italy.
- [2] P. Mishra, R. Verk, D. Fornasier, C. Piciarelli, G.L. Foresti, “VT-ADL: A Vision Transformer Network for Image Anomaly Detection and Localization”, 30th International Symposium on Industrial Electronics (ISIE2021), pp. 1-6, June 23–23, 2021, Kyoto, Japan.
- [3] B. Barricelli, A. Varesano, G. Carbi, T. Clemmensen, G.L. Foresti, J.A. Nocera, A. Verdeil, “Experiencing contemporary art at a distance”. IFIP Conference on Human-Computer Interaction. Springer, August, 2021, Bari, Italy, p. 344-347.
- [4] V. Bansal, G.L. Foresti, Niki Martinel, “Where Did I See It? Object Instance Re-Identification with Attention”, 25th International Conference on Computer Vision Workshops (ICCV2021), October 11–17, 2021, (Virtual Conference).
- [5] R. Pucci, C. Micheloni, G.L. Foresti, N. Martinel “Pro-CCaps: Progressively Teaching Colourisation to Capsules”, IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), January 4–8, 2022, Waikoloa, Hawaii, Usa.
- [6] V. Bansal, G.L. Foresti, N. Martinel, “Cloth-Changing Person Re-identification with Self-Attention”, IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), January 4–8, 2022, pp. 602-610, Waikoloa, Hawaii, USA.
- [7] R. Pucci, C. Micheloni, G.L. Foresti, N. Martinel “CVGAN: Image Generation with Capsule Vector-VAE”, 21th International Conference on Image Analysis and Processing (ICIAP22), May 23–28, 2022, Lecce, Italy.
- [10] A. De Nardin, G.L. Foresti, C. Piciarelli “Bringing Attention to Anomaly Detection”, 21th International Conference on Image Analysis and Processing (ICIAP22), May 23–28, 2022, Lecce, Italy.
- [11] V. Bansal, C. Micheloni, G.L. Foresti, Niki Martinel, “Spatio-Temporal Attention for Cloth-Changing ReID in Videos”, 2rd International Workshop on Distributed Smart Cameras (IWDS22), October 9-11, 2022, Tel Aviv, Israel.
- [12] A. De Nardin, S. Zottin, M. Paier, C. Piciarelli, E. Colombi, G.L. Foresti, “Efficient few-shot learning for pixel-precise handwritten document layout analysis”, IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), January 3–7, 2023, Waikoloa, Hawaii, Usa.
- [13] D. Avola, L. Cinque, M. De Marsico, A. Di Mambro, A. Fagioli, G.L. Foresti, R. Lanzino, F. Scarcello “LieToMe: An LSTM-based Method for Deception Detection by Hand Movements”, 22th International Conference on Image Analysis and Processing (ICIAP23), Sept 11–15, 2023, Udine, Italy.
- [14] D. Avola, L. Cinque, E. Emam, F. Fontana, G.L. Foresti, M.R. Marini, D. Pannone, “Hand Gesture Recognition exploiting Handcrafted Features and LSTM”, 22th International Conference on Image Analysis and Processing (ICIAP23), Sept 11–15, 2023, Udine, Italy.
- [15] H.A. Madni, R.M. Umer, G.L. Foresti, “Federated Learning for Data and Model Heterogeneity in Medical Imaging”, 22th International Conference on Image Analysis and Processing (ICIAP23), Sept 11–15, 2023, Udine, Italy.

[16] A. De Nardin, S. Zottin, C. Piciarelli, E. Colombi, G.L. Foresti, “A One-Shot Learning Approach to Document Layout Segmentation of Ancient Arabic Manuscripts”, IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), January 4–8, 2024, pp. 8112–8121, Waikoloa, Hawaii, USA.

ALTRI TIPI DI PUBBLICAZIONI SCIENTIFICHE:

[1] G.L. Foresti, A. Fusiello, E. Hanckok, Image Analysis and Processing 2023: Part I, Lecture Notes in Computer Science, Vol. 14233, Springer 2023 (ISSN: 0302-9743).

[2] G.L. Foresti, A. Fusiello, E. Hanckok, Image Analysis and Processing 2023: Part II, Lecture Notes in Computer Science, Vol. 14234, Springer 2023 (ISSN: 0302-9743).