

Giovanna Castellano

Full Professor of Computer Science
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h-index: 41 | **Total citations:** 6008 (Google Scholar)
Sex F | Date of birth 27/06/1969 | Nationality Italian

Positions

2025–present **Full Professor (01/INFO-01)**
Dipartimento di Informatica, Università degli Studi di Bari Aldo Moro.
Research topics: Computational Intelligence (CI), Fuzzy Systems, Neural networks, Neuro-fuzzy modeling, Computer Vision, eXplainable AI, Knowledge-graph based learning, Data stream mining, Robotics.
Research activity: Development of innovative CI methods and their application in various domains (e.g. Computer Vision, Healthcare and Digital Humanities).

2015–2025 **Associate Professor (INF/01)**
Dipartimento di Informatica, Università degli Studi di Bari Aldo Moro.
Research topics: Computational Intelligence (CI), Fuzzy Systems, Neural networks, Neuro-fuzzy modeling, Fuzzy Clustering, Computer Vision, eXplainable AI, Granular Computing, Knowledge-graph based learning, Data stream mining, Process mining, Robotics.
Research activity: Development of innovative CI methods and their application in various domains (e.g. Computer Vision, Healthcare and Digital Humanities).

2002–2015 **Assistant Professor (INF/01)**
Dipartimento di Informatica, Università degli Studi di Bari Aldo Moro.
Research topics: Computational Intelligence (CI), Fuzzy Systems, Neural networks, Neuro-fuzzy modeling, Fuzzy Clustering, Fuzzy Image Processing, Granular Computing, Recommender systems.
Research activity: Development of innovative CI methods and their application in various domains (e.g. Image processing, Recommender systems).

2001–2002 **Research assistant (assegnista di ricerca)**
Dipartimento di Informatica, Università degli Studi di Bari.
Research topics: Computational Intelligence, Fuzzy Systems, Neural networks, Fuzzy Clustering.
Research activity: Hybrid neuro-fuzzy approaches in modeling complex systems.

2000–2001 **Contract researcher (contratto di collaborazione)**
Dipartimento di Informatica, Università degli Studi di Bari.
Research topics: Computational Intelligence, Fuzzy Systems, Neural networks.
Research activity: Computational Intelligence approaches in modeling complex systems.

1997–2000 **PhD scholarship holder**
Dipartimento di Informatica, Università degli Studi di Bari.
Research topics: Computational Intelligence, Fuzzy Systems, Neural networks, Neuro-fuzzy systems, Fuzzy clustering.
Research activity: Neurofuzzy methodologies for predictive modeling.

1995–1997 **Fellow researcher (titolare di borsa di studio)**
Istituto di Elaborazione dei Segnali e delle Immagini, CNR, Bari.
Research topics: Robotics, Computational Intelligence, Fuzzy Systems, Neural networks, Fuzzy clustering.
Research activity: Navigation of autonomous vehicles in structured environments using fuzzy logic.

Education and Training

2001 **Ph.D. in Computer Science**, Computer Science Department, University of Bari, Italy.
Thesis: *A neurofuzzy methodology for predictive modeling* (discussed on April 2001).

1992 **M.Sc. in Information Sciences**, Computer Science Department, University of Bari, Italy.
Thesis: *A method for static pruning of an artificial neural network*, 110/110 magna cum laude.

Projects (last 5 years)

Jul 2025–Jul 2026 **NEED - Next-Gen Digital Diagnostics: Bridging AI Explainability and Medical Trust.** Bando a Cascata (II edizione) del Progetto "D3 4 Health-Digital Driven Diagnostics, prognostics and therapeutics for sustainable Health care" Spoke Leader 3 "Wearable technologies, sensors and biomarkers for care through Digital Twin approaches".
Role: PI.

Jan 2023–Jan 2026 **PNRR FAIR - Future Artificial Intelligence Research, spoke 6 - Symbiotic AI** del Partenariato esteso 01 - "Intelligenza Artificiale: aspetti fondazionali", Programma nazionale per la ricerca (PNR) 2021–2027.
Role: PI of WP 6.4 "Understandability of AI systems".

Mar 2020–Sep 2021 **GNCS 2020 "Computational Intelligence methods for Digital Health".**
Role: PI.

Feb 2020–Jan 2023 **MISE PON "L.I.F.T. - Learning Intelligent Factory based on information Technologies".**
Role: Reference person for task 6.3.

Jul 2018–Jun 2020 **POR Innonetwork "C3 - Creative Cultural Collaboration".**
Role: Leader of Task 4.1.

Project Reviewer

2022–23 Member of the International Advisory Board Review of the BIPOLAR (BIpolar disorder Prediction with sensOr-based semi-supervised LeARning) project (PI: Katarzyna Kaczmarek Majer, Polish Academy of Sciences).

2023 External reviewer of the project proposal "A Fuzzy Multimodal Emotion Recognition System for Social Robotics" submitted to the 2024 Regular Fondecyt National Projects Competition, National Research and Development Agency of the Ministry of Science, Technology, Knowledge and Innovation of Chile.

Team Leadership

2017–present **Coordinator of CILab - Computational Intelligence Lab**, Informatics Department, University of Bari (cilab.di.uniba.it/).
CILab is currently composed of 3 associate professors, 1 RTDBs tenure track, 2 post-docs and 9 PhD students. The research topics are related to Computational Intelligence, Computer Vision, Explainable AI, Sustainable AI, embracing theoretical foundations, development of innovative methods, and applications in domains including Healthcare.

Organization of Scientific Events (last 5 years)

TPC co-chair IEEE EAIS 2020; IEEE EAIS 2022.

Conference General chair IEEE EAIS 2020; IEEE EAIS 2026.

Publicity co-chair IEEE ICDM 2023.

Special Session chair IEEE EAIS 2024.

PhD forum chair DS21 - Doctoral Symposium MIR Labs, USA.

Summer School Organizer Co-organizer and Local arrangement chair of the IV European Summer School on Fuzzy Logic and Applications (SFLA2018), Bari, Italy.

Workshop co-Organizer

- PRESTIGE 2026 - First Workshop on Pattern Recognition and Computer Vision for eHeritage and Digital Humanities Workshop, co-located with ICPR 2026.
- EXPLIMED - Workshop on Explainable Artificial Intelligence for the Medical Domain (EXPLIMED 2026 co-located with ECAI-IJCAI 2026, EXPLIMED 2025 co-located with ECAI 2025, EXPLIMED 2024 co-located with ECAI 2024).
- FAPER - Fine Art Pattern Extraction and Recognition (FAPER 2025 co-located with ICIAP 2025, FAPER 2023 co-located with ICIAP2023, FAPER 2022 co-located with ICIAP 2021, FAPER 2020 co-located with ICPR2020).
- OLUD 2022 - Online Learning for Uncertain Data Streams, co-located with WCCI 2022.

Special Session co-organizer

- SS "Explainable Artificial Intelligence methods in healthcare", FUZZ-IEEE 2025.
- SS "Explainable Artificial Intelligence methods in healthcare", FUZZ-IEEE 2024.
- SS "New frontiers of Computational Intelligence for Pervasive Healthcare Systems", EUSFLAT 2023.
- SS "New frontiers of Intelligent Pervasive Healthcare Systems", IEEE SMC 2022.
- SS "Soft Computing for Evolving Data Streams: Advances in Real-Time Pattern Recognition", IFSA-EUSFLAT2021.
- SS "Evolving and adaptive fuzzy models for data streams", EUSFLAT 2019.

TPC member AAAI 2027; IJCAI-ECAI 2026; IJCNN 2026 (Area Chair); CVPR 2026 Workshop on Women in Computer Vision; VISAPP2026; ICPR 2026; ICAART2026; EXPLAINS2026; FCTA2026; VISAPP 2025; ECAI-2025; IJCAI 2024; FUZZ-IEEE2024; WICT 2023; IBICA2023; IAS2023; NaBIC2023; ISDA2023; ECAI2023; FUZZ-IEEE2023; IJCAI2023; VISAPP2023; DBB 2023; EXPAT 2023; WCCI 2022; ICPR2022; IJCAI-ECAI2022; IEEE/ACM AI4Health2022; AI4CH2022; IAS 2022; ICPR2022; FUZZ-IEEE2022; IJCAI-ECAI 22; WILF2021; SoCPaR 2021; DEEP-BDB 2021; ICTS4eHealth2021; Deep-BDB 2021; IFSA-EUSFLAT 2021; IJCAI-PRICAI 2020; IJCAI2019; DEEP-ML 2019; EUSFLAT 2019; EUSFLAT 2013; KES-IDT-2019; KESIDT-21; SDF2019; IBICA2018.

Editorial Activity

2025–Present Associate Editor for **Frontiers in Computer Science** (Frontiers).

2020–Present Associate Editor for **Evolving Systems** (Springer).

2020–Present Associate Editor for **Journal of Intelligent Systems** (Wiley).

2018–Present Editorial board member for **International Journal of Knowledge and Web Intelligence (IJKWI)**.

2018–Present Editorial board member for **International Journal of Systems, Control and Communications (IJSCC)**.

2011–Present Associate Editor for **Information Sciences** (Elsevier).

Teaching

2020–Present MSc course on **"Computer Vision"**, University of Bari, Italy.

2017–2020 MSc course on **"Computational Intelligence"**, University of Bari, Italy.

2003–Present BSc course on **"Computer Architecture and Operating Systems"**, University of Bari, Italy.

2019 PhD course on **"Computer Vision"** (PhD Programme in Computer Science and Mathematics, XXXII, XXXIII, XXXIV cycles, University of Bari, Italy).

2012–2014 PhD course on **"Advanced Computational Intelligence methods"** (PhD Programme in Computer Science, XXVI, XXVII, XXVIII cycles, University of Bari, Italy).

Invited Talks

2018 "Fuzzy Logic for Image Processing and Computer Vision", invited lecture at SFLA2018 (IV European EUSFLAT Summer School on Fuzzy Logic and Applications).

Fellowships and Awards

2025 Best Conference Paper Honorable Mention received at IJCNN 2025 by the IEEE Computational Intelligence Society (CIS) Italy Chapter for the paper *"I Dream My Painting: Connecting MLLMs and Diffusion Models via Prompt Generation for Text-Guided Multi-Mask Inpainting"*, authors: Nicola Fanelli, Gennaro Vessio, Giovanna Castellano.

2024 Best Paper Award received at Workshop on Natural Language for Artificial Intelligence (NL4AI, 8th edition) co-located @ AIxIA 2024 conference for the paper *"Towards Italian Sign Language Generation for digital humans"*, authors: Emanuele Colonna, Alessandro Arezzo, Domenico Roberto, David Landi, Felice Vitulano, Gennaro Vessio, Giovanna Castellano.

2023 Best Paper Honorable Mention received at 15th Conference on Fuzzy Computation Theory and Applications (FCTA2023), part of the 15th International Joint Conference on Computational Intelligence (IJCCI2023), for the paper *"Semi-supervised Fuzzy C-means for Regression"*, authors: Gabriella Casalino, Giovanna Castellano, Corrado Mencar.

2023 Best Paper Distinction Award received at 18th Conference on Computer Science and Intelligence Systems (FedCSIS2023) for the paper *"Applying Knowledge Distillation to Improve Weed Mapping With Drones"*, authors: Giovanna Castellano, Pasquale De Marinis, Gennaro Vessio.

2022 Best Paper Award from IEEE Computational Intelligence Society received at IEEE International Conference on Fuzzy Systems, part of WCCI2022 (World Congress on Computational Intelligence), for the paper *"Confidence path regularization for handling label uncertainty in semi-supervised learning: use case in bipolar disorder monitoring"*, authors: Kamil Kmita, Gabriella Casalino, Giovanna Castellano, Kasia Kaczmarek-Majer, Olgierd Hryniewic.

2021 Best Short Paper Award received at 14th Biannual Conference of the Italian SIGCHI Chapter (CHItaly 2021) for the paper *"Automatic Emotion Recognition from Facial Expressions when Wearing a Mask"*, authors: Giovanna Castellano, Berardina De Carolis, Nicola Macchiarulo.

2019 Technology Award, IET Vision and Imaging Network, IET Institution of Engineering and Technology.

2002 Excellent Presentation Award, SCIS-ISIS 2002 - Int. Conf. on Soft Computing and Intelligent Systems & Int. Symposium on Advanced Intelligent Systems.

2001 Outstanding Student Paper Award, Int. Fuzzy System Association & North American Fuzzy Information Processing Society.

Institutional Roles

2026–present Coordinator of the PhD program in Computer Science of the University of Bari, Italy.

2025–present Coordinator of the PhD program in Computer Science and Mathematics of the University of Bari, Italy.

2023–present Member of the Committee for Self-Assessment, Evaluation and Accreditation of the Doctoral Program in Computer Science and Mathematics for the Quality Presidium of the University of Bari, Italy.

2019–present Member of the Committee for evaluating the pre-enrolment of international students in the Computer Science Master's degree program, University of Bari, Italy.

2015–present Member of the Board of the Doctorate Program on Computer Science and Mathematics, University of Bari, Italy.

2016–present Member of the Department Committee for the orientation and the tutoring, Department of Computer Science, University of Bari, Italy.

2006–2015 Member of the Board of the Doctorate Program on Computer Science, University of Bari, Italy.

Membership of Scientific Societies

2020–present Senior Member of IEEE.

2020–present Member of the Task Force on Explainable Fuzzy Systems, IEEE Computational Intelligence Society.

2020–present Member of the IAPR Technical Committee 19 (TC19) on Computer Vision for Cultural Heritage App.

2018–present Member of EUSFLAT - European Society for Fuzzy Logic and Applications.

2018–present Member of the CITEL - Centro Interdipartimentale di Telemedicina, University of Bari Aldo Moro.

2018–present Member of the Machine Intelligence Research Labs (MIR Labs).

2017–present Member of INDAM-GNCS.

2016–present Member of the CINI laboratory on AIIS (Artificial Intelligence and Intelligent Systems).

2015–present Member of the CINI laboratory on BIG DATA.

PhD Supervision

2025–2028 Co-supervisor of a PhD thesis on *"Explainable Multimodal Deep Learning Framework for Early Detection and Prognostic Modeling Brain Diseases"*, PhD programme in Computer Science and Mathematics (XLI cycle), University of Bari, Italy. PhD in co-tutelle with the Universidad de Las Palmas de Gran Canaria.

2024–2027 Co-supervisor of a PhD thesis on *"Explainability of Artificial Intelligence systems for medical applications"*, PhD programme in Digital Innovation and Ehealth (XL cycle), University of Bari. Innovative PhD with industrial connotation D.M. n. 630/2024, co-funded by Bristol-Myers Squibb s.r.l.

2024–2027 Co-supervisor of a PhD thesis on *"Development and application of Artificial Intelligence methods for human capital management and enhancement"*, PhD programme in Computer Science and Mathematics (XL cycle), University of Bari, Italy. Innovative PhD with industrial connotation D.M. n. 630/2024, co-funded by Talentia SW S.r.l.

2024–2027 Co-supervisor of a PhD thesis on *"Advanced generative models for conversion between images, text and audio"*, PhD programme in Computer Science and Mathematics (XL cycle), University of Bari, Italy. PhD on the project "Patti territoriali dell'alta formazione per le imprese" - CUP: F61B23000370006, co-funded by AI Venture Builder.

2023–2026 Supervisor of a PhD thesis on *"Study of AI techniques for efficient generation of digital humans and 3D environments"*, PhD Programme in Computer Science and Mathematics (XXXIX cycle), University of Bari, Italy. Innovative PhD with industrial connotation DM 117/23, co-funded by Quest-it SpA.

2023–2026 Supervisor of a PhD thesis on *"Analysis and valorization of digitized artistic heritage through Artificial Intelligence techniques"*, PhD Programme in Computer Science and Mathematics (XXXIX cycle), University of Bari, Italy. PhD Programme for Cultural Heritage. Investment 4.1.

2022–2025 Supervisor of a PhD thesis on *"Computer Vision techniques for sustainable AI applications using drones"*, PhD Programme in Computer Science and Mathematics (XXXVIII cycle), University of Bari, Italy, Innovative doctorate with industrial connotation in accordance with M.D. 09 APRIL 2022, No. 352 A.Y. 2022/2023, co-financed by Exprivia S.p.A.

2022–2025 Supervisor of a PhD thesis on *"Analysis and enhancement of artistic heritage using Artificial Intelligence"*, PhD Programme in Computer Science and Mathematics (XXXVIII cycle), University of Bari, Italy. Innovative doctorate with industrial connotation in accordance with M.D. 09 APRIL 2022, No. 352 A.Y. 2022/2023, co-financed by Exprivia S.p.A.

2019–2023 Co-supervisor of a PhD thesis on *"Human Behavior Understanding"*, PhD Programme in Computer Science and Mathematics (XXXV cycle), University of Bari, Italy. Innovative Doctorate with high education and research apprenticeship contract financed by Exprivia S.p.A.

2018–2021 Co-supervisor of a PhD thesis on *"Big Data Analytics for Process Improvement in Organizational Development"*, PhD Programme in Computer Science and Mathematics (XXXIV cycle), University of Bari, Italy. Innovative Doctorate with industrial characterization, CUP: H94F18000270006.

2018–2021 Supervisor of a PhD thesis on *"Computational Intelligence and Applications in Healthcare"*, PhD Programme in Computer Science and Mathematics (XXXIV cycle), University of Bari, Italy.

2009–2012 Supervisor of a PhD thesis on *"Image content representation: using low-level and high-level descriptions"*, PhD Programme in Computer Science (XXIII cycle), University of Bari, Italy.

Participation to PhD Committees

2019–2022 Member of the Evaluation Committee for a Doctoral Thesis in the PhD Programme in Computer Science and Mathematics (XXXV cycle), University of Bari, Italy.

2020–2023 Member of the Evaluation Committee for a Doctoral Thesis in the PhD Programme in Computer Science and Mathematics (XXXVI cycle), University of Bari, Italy.

2021–2024 External member of the Evaluation Committee for a Doctoral Thesis in the PhD Programme in AI for Society, Dottorato Nazionale in Intelligenza Artificiale (XXXVIII cycle), University of Pisa.

2021–2024 Member of the Evaluation Committee for a Doctoral Thesis in the PhD Programme in Computer Science and Mathematics (XXXVII cycle), University of Bari, Italy.

Publications

Most relevant in the last 5 years

P. De Marinis, U. Kaymak, R. Brussee, G. Vessio, and **G. Castellano**. *Matching-based few-shot semantic segmentation models are interpretable by design*. In NeurIPS 2026 - The Fortieth Annual Conference on Neural Information Processing Systems, 2026.

R. Scaringi, A. Sierra-Múnera, G. Vessio, **G. Castellano**, and R. Krestel. *KARAMEL: Knowledge-aware ranking for multimodal entity linking in the arts via heterogeneous graphs*. Machine Learning, 115(243), 2026. DOI:10.1007/s10994-026-07172-1.

G. Zaza, R. Scaringi, G. Vessio, and **G. Castellano** (2026). FuzzyGNN: A graph neural network framework for enhanced fuzzy modeling. *Neural Computing and Applications*, 38(390), 2026. DOI: 10.1007/s00521-026-11967-7.

P. De Marinis, G. Vessio, and **G. Castellano** (2026). Take a peek: Efficient encoder adaptation for few-shot semantic segmentation via LoRA. Pattern Recognition Letters, 207:47 – 54, 2026. DOI: 10.1016/j.patrec.2026.06.003.

A. Andrisani, G. Vessio, F. Sgobba, F. Di Lena, L. Amato Santamaria, **G. Castellano** (2026). Modeling and benchmarking quantum optical neurons for efficient neural computation. *PLOS ONE*, 21(3). DOI: 10.1371/journal.pone.0341545.

E. Colonna, I. Rinaldi, D. Landi, G. Vessio, **G. Castellano** (2026). Handscribe: A gloss-free framework for sign language translation and gloss sequence generation. *Computer Vision and Image Understanding*, 265:104674. DOI:10.1016/j.cviu.2026.104674.

F. Brescia, B.E.A. Santana, M. Diaz, G. Vessio, M.A. Ferrer, **G. Castellano** (2025). Integrating robotic kinematics and dynamics with online handwriting features for dysgraphia classification. *Biomedical Signal Processing and Control*, 112, 2026. DOI: 10.1016/j.bspc.2025.108560.

G. Zaza, G. Casalino, S. Caputo, **G. Castellano** (2025). Estimating blood pressure using video-based PPG and deep learning. *Image and Vision Computing*, 162. DOI: 10.1016/j.imavis.2025.105683.

A.G. Valerio, K. Trufanova, S. de Benedictis, G. Vessio, **G. Castellano** (2025). From segmentation to explanation: Generating textual reports from MRI with LLMs. *Computer Methods and Programs in Biomedicine*, 270:108922, 2025. DOI: 10.1016/j.cmpb.2025.108922.

G. Casalino, **G. Castellano**, V. Pasquadibisceglie, G. Zaza (2025). Improving a mirror-based healthcare system for real-time estimation of vital parameters. *Information Systems Frontiers*, 2025. Special issue Machine Learning and Artificial Intelligence Information Systems. DOI: 10.1007/s10796-024-10575-x.

R. Scaringi, G. Fiameni, G. Vessio, **G. Castellano** (2025). GraphCLIP: Image-graph contrastive learning for multimodal artwork classification. *Knowledge-Based Systems*, 310:112857. DOI: 10.1016/j.knosys.2024.112857.

M. Diaz, M.A. Ferrer, J.J. Quintana, A. Wolniakowski, R. Trochimczuk, K. Miatliuk, **G. Castellano**, G. Vessio (2025). Neural network modelling of kinematic and dynamic features for signature verification. *Pattern Recognition Letters*, 187:130–136. DOI: 10.1016/j.patrec.2024.11.021.

D.F. Leite, G. Casalino, K. Kaczmarek-Majer, **G. Castellano** (2025). Incremental learning and granular computing from evolving data streams: An application to speech-based bipolar disorder diagnosis. *Fuzzy Sets and Systems*, 500:109205. DOI: 10.1016/j.fss.2024.109205.

G. Castellano, A. Esposito, E. Lella, G. Montanaro, G. Vessio (2024). Automated detection of Alzheimer's disease: A multimodal approach with 3D MRI and amyloid PET. *Scientific Reports*, 14(5210). DOI: 10.1038/s41598-024-56001-9.

G. Casalino, **G. Castellano**, O. Hryniewicz, K. Opara, W. Radzieskewska, K. Kaczmarek-Majer (2023). Semi-supervised vs. supervised learning for mental health monitoring: a case study on the classification of bipolar disorder episodes. *International Journal of Applied Mathematics and Computer Science (AMCS)*, 33(3):419–428. DOI: 10.34768/amcs-2023-0030.

G. Castellano, P. De Marinis, G. Vessio (2023). Weed mapping in multispectral drone imagery using lightweight vision transformers. *Neurocomputing*. DOI: 10.1016/j.neucom.2023.126914.

G. Castellano, E. Cotardo, C. Mencar, G. Vessio (2023). Density-based clustering with fully-convolutional networks for crowd flow detection from drones. *Neurocomputing*. DOI: 10.1016/j.neucom.2023.01.059.

G. Castellano, B. De Carolis, N. Macchiarulo (2022). Automatic facial emotion recognition at the covid-19 pandemic time. *Multimedia Tools and Applications*. DOI: 10.1007/s11042-022-14050-0.

G. Castellano, G. Vessio (2022). A deep learning approach to clustering visual arts. *International Journal of Computer Vision*. DOI: 10.1007/s11263-022-01664-y.

G. Castellano, V. Digeno, G. Sansaro, G. Vessio (2022). Leveraging knowledge graphs and deep learning for automatic art analysis. *Knowledge-based Systems*. DOI: 10.1016/j.knosys.2022.108859.

G. Casalino, **G. Castellano**, C. Castiello, C. Mencar (2022). Effect of fuzziness in fuzzy rule-based classifiers defined by strong fuzzy partitions and winner-takes-all inference. *Soft Computing*. DOI: 0.1007/s00500-022-07128-2.

G. Casalino, **G. Castellano**, G. Zaza (2022). Evaluating the robustness of a contact-less mhealth solution for personal and remote monitoring of blood oxygen saturation. *Journal of Ambient Intelligence and Humanized Computing*. DOI: 0.1007/s12652-021-03635-6.

K. Kaczmarek-Majer, G. Casalino, **G. Castellano**, O. Hryniewicz, M. Dominiak (2022). Explaining smartphone-based acoustic data in bipolar disorder: Semi-supervised fuzzy clustering and relative linguistic summaries. *Information Sciences*. DOI: 10.1016/j.ins.2021.12.049.

K. Kaczmarek-Majer, G. Casalino, **G. Castellano**, M. Dominiak, O. Hryniewicz, O. Kaminska, G. Vessio, N. Diaz Rodriguez (2022). PLENARY: Explaining black-box models in natural language through fuzzy linguistic summaries. *Information Sciences*. DOI: 10.1016/j.ins.2022.10.010.

G. Castellano, G. Vessio (2021). Deep learning approaches to pattern extraction and recognition in paintings and drawings: an overview. *Neural Computing and Applications*. DOI: 10.1007/s00521-021-05893-z.

G. Casalino, **G. Castellano**, A. Consiglio, N. Nuzziello, G. Vessio (2021). MicroRNA expression classification for pediatric multiple sclerosis identification. *Journal of Ambient Intelligence and Humanized Computing*. DOI: 10.1007/s12652-021-03091-2.

November 2, 2026



Io sottoscritto, ai sensi e per gli effetti degli artt. 46 e 47 e consapevole delle sanzioni penali previste dall'art. 76 del D.P.R. 445/2000 nei casi di falsità in atti e dichiarazioni mendaci, dichiaro che le informazioni riportate nel presente curriculum vitae corrispondono a verità.
Autorizzo inoltre il trattamento dei dati personali presenti nel curriculum vitae ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (Regolamento UE 2016/679).

In fede

