

Lista pubblicazioni scientifiche - PhD Daniele Di Giovanni

Date: 22 Apr 2024

De Marchis, M., Montemitro, E., Boni, A., Federici, A., Di Giovanni, D., Cristiani, L., Cutrera, R., Fiocchi, A.G.

[Lung clearance index short-term variability in cystic fibrosis: a pre-post pulmonary exacerbation study](#)

(2024) Italian Journal of Pediatrics, 50 (1), art. no. 6, .

DOI: 10.1186/s13052-023-01574-w

Document Type: Article

Access Type: Open Access

Source: Scopus

Manenti, G., Perretta, T., Nezzo, M., Fraioli, F.R., Carreri, B., Gigliotti, P.E., Micillo, A., Malizia, A., Di Giovanni, D., Ryan, C.P., Garaci, F.G.

[Transperineal Laser Ablation \(TPLA\) Treatment of Focal Low–Intermediate Risk Prostate Cancer](#)

(2024) Cancers, 16 (7), art. no. 1404, .

DOI: 10.3390/cancers16071404

Document Type: Article

Access Type: Open Access

Source: Scopus

Buonomo, E., Cenko, F., Piuanno, G., Di Giovanni, D., Gjini, E., Kërpi, B., Carestia, M., Moramarco, S., Ferrari, C., Coppeta, L.

[Vaccine Hesitancy, Knowledge, and COVID-19 Vaccination in a Sample of Italian and Albanian Healthcare Students Attending an University in Albania](#)

(2024) Tropical Medicine and Infectious Disease, 9 (3), art. no. 57, .

DOI: 10.3390/tropicalmed9030057

Document Type: Article

Access Type: Open Access

Source: Scopus

Regal, G., Pretolesi, D., Schrom-Feiertag, H., Puthenkalam, J., Migliorini, M., De Maio, E., Scarrone, F., Nadalin, M., Guarneri, M., Xerri, G.P., Di Giovanni, D., Tessari, P., Genna, F., D'Angelo, A., Murtinger, M.

[Challenges in Virtual Reality Training for CBRN Events](#)

(2023) Multimodal Technologies and Interaction, 7 (9), art. no. 88, . Cited 1 time.

DOI: 10.3390/mti7090088

Document Type: Article

Access Type: Open Access

Source: Scopus

Franchi, C., Rossi, R., Malizia, A., Gaudio, P., Di Giovanni, D.

[Biological risk in Italian prisons: data analysis from the second to the fourth wave of COVID-19 pandemic](#)

(2023) Occupational and Environmental Medicine, 80 (5), pp. 273-279. Cited 1 time.

DOI: 10.1136/oemed-2022-108599

Document Type: Article

Access Type: Open Access

Source: Scopus

Carestia, M., Andreoni, M., Buonomo, E., Ciccacci, F., De Angelis, L., De Carolis, G., De Filippis, P., Di Giovanni, D., Gialloreti, L.E., Fontana, C., Guarente, L., Magrini, A., Mattei, M., Moramarco, S.,

Morciano, L., Mosconi, C., Orlando, S., Quintavalle, G., Riccardi, F., Santoro, V., Palombi, L.

[A novel, integrated approach for understanding and investigating Healthcare Associated Infections: A risk factors constellation analysis](#)

(2023) PLoS ONE, 18 (3 MARCH), art. no. e0282019, . Cited 2 times.

DOI: 10.1371/journal.pone.0282019

Document Type: Article

Access Type: Open Access

Source: Scopus

Di Giovanni, D., Enea, R., Di Micco, V., Benvenuto, A., Curatolo, P., Emberti Gialloreti, L.

[Using Machine Learning to Explore Shared Genetic Pathways and Possible Endophenotypes in Autism Spectrum Disorder](#)

(2023) Genes, 14 (2), art. no. 313, . Cited 3 times.

DOI: 10.3390/genes14020313

Document Type: Article

Access Type: Open Access

Source: Scopus

Martellucci, L., Puleio, A., Rutigliano, N., Di Giovanni, D., Gaudio, P.

[Deep learning methodologies for chemical dispersion map reconstruction](#)

(2023) Proceedings of SPIE - The International Society for Optical Engineering, 12733, art. no. 127330G, .

DOI: 10.1117/12.2685858

Document Type: Conference Paper

Source: Scopus

De Marchis, M., Ciarella, M., Federici, A., Di Giovanni, D., Fiocchi, A.G., Bella, S.

[Evaluation of nutritional status through bioimpedance analysis in a group of Cystic Fibrosis patients](#)

(2022) Clinica Terapeutica, 173 (5), pp. 471-474.

DOI: 10.7417/CT.2022.2465

Document Type: Article

Source: Scopus

Chierici, A., Malizia, A., Di Giovanni, D., Ciolini, R., D'errico, F.

[A High-Performance Gamma Spectrometer for Unmanned Systems Based on Off-the-Shelf Components](#)

(2022) Sensors, 22 (3), art. no. 1078, . Cited 9 times.

DOI: 10.3390/s22031078

Document Type: Article

Access Type: Open Access

Source: Scopus

Azeez, B., Akhshirsh, G., Moramarco, S., Di Giovanni, D., Basa, F.B., Gialloreti, L.E.

[Public Health as a Global Good: The Need for Health Information Systems to Enhance Global Health Security](#)

(2022) Open Public Health Journal, 15 (1), art. no. e187494452212162, .

DOI: 10.2174/18749445-v15-e221219-2022-145

Document Type: Editorial

Access Type: Open Access

Source: Scopus

Gjini, E., Carestia, M., Cenko, F., Di Giovanni, D., Mehmeti, I., Moramarco, S., Yulli, A., Buonomo, E.
[Hesitancy toward Childhood Vaccinations: Preliminary Results from an Albanian Nursing Staff's Investigation](#)

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DOI: 10.1155/2022/7814488

Document Type: Article

Access Type: Open Access

Source: Scopus

Regal, G., Schrom-Feiertag, H., Migliorini, M., Guarneri, M., Di Giovanni, D., D'Angelo, A., Murtinger, M.

[Challenges in Virtual Reality Training for CRBN Events](#)

(2022) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 13446 LNCS, pp. 79-88. Cited 6 times.

DOI: 10.1007/978-3-031-15553-6_6

Document Type: Conference Paper Publication

Source: Scopus

Borghetti, F., Benolli, F., Micozzi, A., Giovanni, D.D.

[TRANSTUN Project: a Public-Private-Partnership to Enhance the Capacity of Emergency Response in case of CBRN Incident in Road Tunnels](#)

(2022) Chemical Engineering Transactions, 91, pp. 355-360.

DOI: 10.3303/CET2291060

Document Type: Article

Source: Scopus

Franchi, C., Giacalone, E., Di Giovanni, D., Moramarco, S., Carestia, M.

[Biological risk in italian prisons: From the covid-19 management to the development of a standardized model for emergency response](#)

(2021) International Journal of Environmental Research and Public Health, 18 (19), art. no. 10353, . Cited 2 times.

DOI: 10.3390/ijerph181910353

Document Type: Article

Access Type: Open Access

Source: Scopus

Fumian, F., Chierici, A., Bianchelli, M., Martellucci, L., Rossi, R., Malizia, A., Gaudio, P., d'Errico, F., Di Giovanni, D.

[Development and performance testing of a miniaturized multi-sensor system combining MOX and PID for potential UAV application in TIC, VOC and CWA dispersion scenarios](#)

(2021) European Physical Journal Plus, 136 (9), art. no. 913, . Cited 7 times.

DOI: 10.1140/epjp/s13360-021-01858-2

Document Type: Article

Source: Scopus

Marturano, F., Martellucci, L., Chierici, A., Malizia, A., Di Giovanni, D., D'errico, F., Gaudio, P., Ciparisse, J.-F.

[Numerical fluid dynamics simulation for drones' chemical detection](#)

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DOI: 10.3390/drones5030069

Document Type: Article

Access Type: Open Access

Source: Scopus

Martellucci, L., Chierici, A., Di Giovanni, D., Fumian, F., Malizia, A., Gaudio, P.

[Drones and sensors ecosystem to maximise the "storm effects" in case of cbrne dispersion in large geographic areas](#)

(2021) International Journal of Safety and Security Engineering, 11 (4), pp. 377-386. Cited 3 times.

DOI: 10.18280/ijssse.110411

Document Type: Article

Publication Stage: Final

Access Type: Open Access

Source: Scopus

Di Giovanni, D., Fumian, F., Chierici, A., Bianchelli, M., Martellucci, L., Carminati, G., Malizia, A., d'Errico, F., Gaudio, P.

[Design of miniaturized sensors for a mission-oriented uav application: A new pathway for early warning](#)

(2021) International Journal of Safety and Security Engineering, 11 (4), pp. 435-444. Cited 6 times.

DOI: 10.18280/ijssse.110417

Document Type: Article

Access Type: Open Access

Source: Scopus

Anselmi, M., Carestia, M., Divizia, A., Divizia, M., Di Giovanni, D., Gaudio, P., Malizia, A., Martellucci, L., Palombi, L., Rossi, R.

[On the use of laser-induced fluorescence for biological agent detection](#)

(2021) Nuovo Cimento della Societa Italiana di Fisica C, 44 (4-5), art. no. 150, .

DOI: 10.1393/ncc/i2021-21150-2

Document Type: Conference Paper

Source: Scopus

Chierici, A., Malizia, A., di Giovanni, D., Fumian, F., Martellucci, L., Gaudio, P., d'Errico, F.

[A low-cost radiation detection system to monitor radioactive environments by unmanned vehicles](#)

(2021) European Physical Journal Plus, 136 (3), art. no. 314, . Cited 8 times.

DOI: 10.1140/epjp/s13360-021-01276-4

Document Type: Article

Access Type: Open Access

Source: Scopus

Salih, S.O., Moramarco, S., Di Giovanni, D., Qadir, S.A., Alsilefanee, H.H., Basa, F.B., Gialloreti, L.E.

[Ten-year mortality trends and natural causes of death in the Iraqi Kurdistan](#)

(2021) Open Public Health Journal, 14 (1), pp. 264-271. Cited 1 time.

DOI: 10.2174/1874944502114010264

Document Type: Article

Access Type: Open Access

Source: Scopus

Gialloreti, L.E., Enea, R., Di Micco, V., Di Giovanni, D., Curatolo, P.

[Clustering analysis supports the detection of biological processes related to autism spectrum disorder](#)

(2020) Genes, 11 (12), art. no. 1476, pp. 1-18. Cited 7 times.

DOI: 10.3390/genes11121476

Document Type: Article

Access Type: Open Access

Source: Scopus

Fumian, F., Di Giovanni, D., Martellucci, L., Rossi, R., Gaudio, P.

[Application of miniaturized sensors to unmanned aerial systems, a new pathway for the survey of polluted areas: Preliminary results](#)

(2020) Atmosphere, 11 (5), art. no. 471, . Cited 24 times.

DOI: 10.3390/ATMOS11050471

Document Type: Article

Access Type: Open Access

Source: Scopus

Rossi, R., Giovanni, D.D., Malizia, A., Gaudio, P.

[Measurements of vehicle pollutants in a high-traffic urban area by a multiwavelength dial approach: Correlation between two different motor vehicle pollutants](#)

(2020) Atmosphere, 11 (4), art. no. 383, . Cited 5 times.

DOI: 10.3390/ATMOS11040383

Document Type: Article

Access Type: Open Access

Source: Scopus

Maturano, F., Ciparisse, J.-F., Chierici, A., D'errico, F., Di Giovanni, D., Fumian, F., Rossi, R., Martellucci, L., Gaudio, P., Malizia, A.

[Enhancing radiation detection by drones through numerical fluid dynamics simulations](#)

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DOI: 10.3390/s20061770

Document Type: Article

Access Type: Open Access

Source: Scopus

Emberti Gialloreti, L., Basa, F.B., Moramarco, S., Salih, A.O., Alsilefanee, H.H., Qadir, S.A., Bezenchek, A., Incardona, F., Di Giovanni, D., Khorany, R., Alhanabadi, L.H.H., Salih, S.O., Akhshirsh, G.S., Azeez, B.S., Tofiq, B.A., Palombi, L.

[Supporting Iraqi Kurdistan Health Authorities in Post-conflict Recovery: The Development of a Health Monitoring System](#)

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DOI: 10.3389/fpubh.2020.00007

Document Type: Article

Access Type: Open Access

Source: Scopus

Carestia, M., Troiani, F., Caldari, R., Civica, M., Bruno, F., Vicini, C., Di Giovanni, D., Iannotti, A., Russo, C., Thornton, M., Palombi, L., d'Errico, F., Bellecci, C., Gaudio, P., Malizia, A.

[CBRNe as Conceptual Frame of an All Hazards Approach of Safety and Security: The Creation of Organic Networks of Military, Civil, Academic/Research and Private Entities at National and International Level to Generate Solutions for Risk Reduction – A European and Italian Perspective](#)

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DOI: 10.1007/978-94-024-2030-2_23

Document Type: Book Chapter

Source: Scopus

Giovanni, D.D., Fumian, F., Malizia, A.

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(2019) Journal of Instrumentation, 14 (3), art. no. C03006, . Cited 3 times.

DOI: 10.1088/1748-0221/14/03/C03006

Document Type: Conference Paper

Source: Scopus

Gaudio, P., Malizia, A., Gelfusa, M., Murari, A., Parracino, S., Poggi, L.A., Lungaroni, M., Ciparisse, J.F., Giovanni, D.D., Cenciarelli, O., Carestia, M., Peluso, E., Gabbarini, V., Talebzadeh, S., Bellecci, C.

[Lidar and Dial application for detection and identification: A proposal to improve safety and security](#)

(2017) Journal of Instrumentation, 12 (1), art. no. C01054, . Cited 7 times.

DOI: 10.1088/1748-0221/12/01/C01054

Document Type: Conference Paper

Source: Scopus

Gaudio, P., Gelfusa, M., Andrea, M., Pizzoferrato, R., Carestia, M., Cenciarelli, O., Parracino, S., Gianmarco, L., Gabriele, J., Gabbarini, V., Di Giovanni, D., Rossi, R., Ciparisse, J.F., Carlo, B., Malizia, A.

[Application of optical techniques to detect chemical and biological agents](#)

(2017) Defence S and T Technical Bulletin, 10 (1), pp. 1-13. Cited 6 times.

Document Type: Article

Source: Scopus

Cacciotti, I., Di Giovanni, D., Pergolini, A., Malizia, A., Carestia, M., Palombi, L., Bellecci, C., Gaudio, P.

['G.A.T.E': Gap analysis for TTX evaluation](#)

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DOI: 10.1063/1.4952058

Document Type: Conference Paper

Source: Scopus

Baldassi, F., D'Amico, F., Carestia, M., Cenciarelli, O., Mancinelli, S., Gilardi, F., Malizia, A., Di Giovanni, D., Soave, P.M., Bellecci, C., Gaudio, P., Palombi, L.

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DOI: 10.1017/S0950268815002939

Document Type: Article

Access Type: Open Access

Source: Scopus

Malizia, A., Antonelli, L., Aresco, S., Aspetti, P.C., Astorino, S., Barletta, T., Bellecci, C., Bucci, A., Cacciotti, I., Capobianco, L., Carestia, M., Di Giovanni, D., Carminati, G., Cenciarelli, O., Corrao, S., D'Amico, F., De Masi, D., Ferrari, G., Fiorito, R., Fontana, C., Frusteri, L., Gaudio, P., Gucciardino, A., Luttazzi, E., Matrone, G., Marchi, F., Minghetti, S., Palombi, L., Pergolini, A., Perrimezzi, C., Pierno, L., Pioletti, S., Pirelli, F., Riccio, R., Rothbacher, D., Rotondi, L., Russo, C., Salucci, L., Sassolini, A., Soremic, F., Trombadore, V., Unali, F.

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Document Type: Article

Source: Scopus

Milanese, L., Sassolini, A., Cenciarelli, O., Malizia, A., Ventura, P., Chiappini, M., Chiappini, S., Carestia, M., Di Giovanni, D., Gabbarini, V., Ludovici, G.M., Palombi, L., Bellecci, C., Gaudio, P.
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Iannotti, A., Schraffl, I., Bellecci, C., Gaudio, P., Palombi, L., Cenciarelli, O., Di Giovanni, D., Carestia, M., Malizia, A.

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Document Type: Article

Source: Scopus

Abate, A., Sassolini, A., Ludovici, G.M., Gaudio, P., Ciparisse, J.-F., Cenciarelli, O., Gallo, R., Carestia, M., Di Giovanni, D., Iannotti, A., Strigari, L., Palombi, L., Bellecci, C., Malizia, A.

[The local effects of a global disaster: Case study on the Fukushima radiological emergency management in Italy](#)

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Document Type: Article

Source: Scopus

Ciparisse, J.-F., Malizia, A., Poggi, L.A., Cenciarelli, O., Gelfusa, M., Carestia, M.C., Di Giovanni, D., Mancinelli, S., Palombi, L., Bellecci, C., Gaudio, P.

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Document Type: Article

Access Type: Open Access

Source: Scopus

Cenciarelli, O., Gabbarini, V., Pietropaoli, S., Malizia, A., Tamburrini, A., Ludovici, G.M., Carestia, M., Di Giovanni, D., Sassolini, A., Palombi, L., Bellecci, C., Gaudio, P.

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Document Type: Review

Source: Scopus

Malizia, A., Gelfusa, M., Francia, G., Boccitto, M., Del Vecchio, M., Di Giovanni, D., Richetta, M., Bellecci, C., Gaudio, P.

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Document Type: Article

Source: Scopus

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[The importance of forensic microbiology in CBRNe investigations](#)

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Document Type: Article

Source: Scopus

Sassolini, A., Malizia, A., D'Amico, F., Cenciarelli, O., Carestia, M., Di Giovanni, D., Palombi, L., Guidotti, M., Bellecci, C., Gaudio, P.

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Document Type: Article

Source: Scopus

Ludovici, G.M., Gabbarini, V., Cenciarelli, O., Malizia, A., Tamburrini, A., Pietropaoli, S., Carestia, M., Gelfusa, M., Sassolini, A., Di Giovanni, D., Palombi, L., Bellecci, C., Gaudio, P.

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Source: Scopus

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Document Type: Review

Access Type: Open Access

Source: Scopus

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Source: Scopus

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Document Type: Article

Source: Scopus

Gallo, R., De Angelis, P., Malizia, A., Conetta, F., Di Giovanni, D., Antonelli, L., Gallo, N., Fiduccia, A., D'Amico, F., Fiorito, R., Richetta, M., Bellecci, C., Gaudio, P.

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Document Type: Article

Publication Stage: Final

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