# Europass Curriculum Vitae

## Personal information


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|---|---|
| First name(s) / Surname(s) | **Alberto Modenese** |
| Address(es) | 287, via Campi, 41125, Modena, ITALY |
| Telephone(s) | +39 059 2055461 |
| E-mail | alberto.modenese@unimore.it |
| Nationality | Italian |
| Date of birth | 18/04/1983 |


**Job area** Occupational Medicine and Workers' Health & Safety; Prevention of health risks related to NIR exposure

**Academic Sector** Italian Scientific Sector MEDS-25/B Occupational Medicine
European Research Council LS7_9 Environmental health, occupational medicine

**Job experience**

- 5/2024–to date Occupational Physician, Professor of Occupational Medicine and Director of the post-graduate Specialization School in Occupational Medicine at the Department of Biomedical, Metabolic and Neural Sciences (DBMN) of the University of Modena and Reggio Emilia (UniMoRe)
- 2021- 2024 Occupational Physician, Tenure-track Researcher in Occupational Medicine at the Department of Biomedical, Metabolic and Neural Sciences (DBMN) of the University of Modena and Reggio Emilia (UniMoRe)
- 2017 - 2021 Occupational Physician, Postdoctoral researcher in Occupational Medicine at DBMN UniMoRe
- 2014 - 2017 Occupational Physician, PhD student of the course "Clinical and Experimental Medicine" (XXIX cycle) at DBMN UniMoRe
- 2009 - 2014 Resident Physician at the Residency Program of the School of Occupational Medicine of UniMoRe.

**Main Scientific Activities**

- 7/2024-to date Member of the main Commission of the International Commission on Non-Ionizing Radiation Protection (ICNIRP)
- 2008 - to date Active research in collaboration at the UNIMORE Chair of Occupational Medicine. Main fields of research: evaluation of risks related to occupational exposure to ionizing and non-ionizing radiations, occupational epidemiology, methodological aspects for systematic reviews in OSH, prevention of work-related diseases, assessment of occupational exposures, prevention of risks among healthcare operators.
- 2018 - to date Collaboration as Technical Advisor and International Advisory Committee member with the "Radiation and Health" Unit of the World Health Organization
- 2020 – to date Collaboration with the University of Verona in the H2020 funded project "ORCHESTRA" (GA n. 101016167)
- 2017 – 2022 Participation in the World Health Organization (WHO) and International Labour Office (ILO) systematic reviews' working group to serve a new methodology for estimating the work-related burden of disease and injury
- 2018 – 2022 Participation in the European COST Action CA16216 "OMEGA-NET" for the Coordination and Harmonization of European Occupational Cohorts
- 2014 – 2018 Participation in the European Research Project LIFE12 ENV/IT/001058 "WeeenModels", for evaluating the occupational risk of workers exposed to chemicals in recycling WEEEs
- 2014 – 2018 Participation in the European COST Action TD1206 "StanDerm" for the prevention of occupational skin diseases

**Education and training**

- February 2023 National scientific qualification for the role of Full Professor in Occupational Medicine from the Italian Ministry of Education, University and Research (MUR).
- January 2020 National scientific qualification for the role of Associate Professor in Occupational Medicine from the Italian MUR
- March 2017 PhD title in "Clinical and Experimental Medicine" (CEM), obtained after the attendance of the XXIX cycle of the 3 years CEM PhD Course of UNIMORE(dissertation title: *Risk related to solar radiation: development of a new method for the exposure assessment in outdoor workers and first application in patients affected by non-melanoma skin cancers and macular degeneration*).
- May 2016 Authorized physician for performing the Medical Surveillance of Workers exposed to Ionizing Radiation, after passing a national exam at the Ministry of Labour and Social Policy in Rome (Italy)
- June 2014 Post graduate degree at the 5 years UNIMORE Residency program in Occupational Medicine
- July 2008 Title of MD, after the 6-ys Master Medical Degree at the University of Bologna (Italy), *Magna Cum Laude*
- July 2002 High School Diploma at the "Liceo Scientifico Galilei" in Ostiglia (Mantova, Italy)

**Main International Courses and Conferences**

- 22-27/6/2025: BioEM 2025 in Rennes (FR): co-organization of a workshop on occupational EMF exposure and risks
- 16-21/6/2024: BioEM 2024 in Chania (GR): poster presentation + oral communication for Young Scientist Award
- 28/4/2024-3/5/2024, 34th International Congress on Occupational Health (ICOH World Congress 2024), Marrakesh (Morocco), oral communications & organization of sessions of the Scientific Committee "Radiation and Work"
- 6/2/2022-10/2/2022, 33rd International Congress on Occupational Health (ICOH World Congress 2022), blended event Melbourne/Rome/online, oral communications & organization of sessions of the Scientific Committee "Radiation and Work"
- 28/4/2021-17/6/2021: "Advanced course in clinical research: guidelines for clinical practice according to the GRADE methodology", University of Milan, Director Prof. Lorenzo Moja
- 23/2/2021-27/3/2021, 28th Intensive Course in Applied Epidemiology, chaired by Professor Gary J. Macfarlane, University of Aberdeen, King's College Aberdeen (UK)
- 10th - 15th June 2019, 24th World Congress of Dermatology, Milan (Italy) – invited speaker for a lecture entitled "Epidemiology and prevention of occupational non-melanoma skin cancer" on the 12th June
- 22nd November 2018 , V. Occupational safety & health physical factors symposium. Occupational hygiene practices", Ankara (Turkey), invited speaker "Occupational hygiene practices and standards in physical factors: Non-Ionizing Radiation"
- 29th April – 4th May 2018, 32nd World Congress of the International Commission on Occupational Health (ICOH), Dublin, Republic of Ireland (oral communications)
- 5th-7th September 2016: 3rd COST StanDerm International Training School on "Occupational Skin Cancers (OSCs)", Hospital "Policinico", Modena, Italy, Chairs Prof. F. Gobba and Prof. G. Pellacani
- 31st May 2015 - 5th June 2015, ICOH 2015, 31st International Congress on Occupational Health Seoul, South Korea (oral communications)
- 24th – 25th April 2014 5th International Conference on Electromagnetic Fields, Health and Environment", Porto (oral communication)
- 9th -13th March 2014: "Occupational and Environmental Diseases of the Lung", c/o Sangallo Palace Hotel Perugia (ITALY), organized by the University of Perugia and the University of Gotheburg (Sweden)
- 13th – 15th November 2013 "Lighting, visual ergonomics, and musculoskeletal implications" c/o Balingsholms Conference Centre, Huddinge (Stockholm area, Sweden), organized by the Nordic Institute for Advanced Training in Occupational Health.
- 25/11/2012-1/12/2012: VI International Course of the Bioelectromagnetism School "A. Chiabrera" *Static and Low frequency Magnetic Fields: Physical Concepts, Biological Effects, Mechanisms and Limit Setting*, Erice (TP) ITALY. Directors Prof. J. Juutilainen and F. Prato, organized by EBEA International School of Bioelectromagnetics.
- 14/9/ 2012, Workshop "Bridging the gap between research and policy: Systematic Reviews to Inform Policy and Practice" directed by Prof. J. Verbeek and organized by PEROSH clearinghouse group, Bologna (IT)

**Languages**

Mother tongue(s): Italian

Other language(s)

| Self-assessment | | **Understanding** | | **Speaking** | | **Writing** |
|---|---|---|---|---|---|---|
| *European level (*)* | | Listening | Reading | Spoken interaction | Spoken production | |
| **English** | | C1 | C1 | B2 | B2 | C1 |
| **French** | | A2 | A2 | A1 | A1 | A2 |
| **Spanish** | | A2 | A2 | A1 | A1 | A2 |

*(*) Common European Framework of Reference for Languages*

**EDITORIAL ACTIVITIES**

- 1/1/2021 to date: Guest Associate Editor in "Occupational Health and Safety" and Review Editor in "Occupational Health and Safety" for the open access journal "Frontiers in Public Health" (ed. Frontiers) eISSN 2296-2565, IF 6.461
- 1/6/2020 to date: Editorial Board Member, Section Board Member and Guest Editor of Special Issues for the open-access journal "Healthcare" (ed. MDPI), eISSN 2227-9032, IF 3.160,
- 1/8/2019 to date: Reviewer Board member and Assistant Guest Editor for the open-access journal "International Journal of Environmental Research and Public Health" (ed. MDPI), eISSN 1660-4601, IF 4.614

**MEMBERSHIPS**

- 2011 – to date: Member of the International Commission on Occupational Health and Secretary (since 2018) of its Scientific Committee "Radiation and Work". Currently chair of the SC since June 2024.
- 2010 - to date: Member of Italian National Society of Occupational Medicine (SIMLI) and Board member (since 2015) of its regional "Emilia Romagna" section
- 2014 - to date: Member of the Italian Association of Medical Radioprotection (AIRM) and national Board member since 2021
- 2024 - 2028: Elected member of the International Commission on Non-Ionizing Radiation Protection (ICNIRP)
- 2024 – to date: Member of BioEm
- 2024 - to date: Member of the Scientific Council representing UniMoRe within the Inter-University Research Center on the Interactions between Electromagnetic Fields and Biosystems (ICEmB)

**PUBLICATIONS AND METRICS**

- Author of >180 publications: https://orcid.org/0000-0002-0850-5615.
- H index: 24, 82 documents indexed in SCOPUS and WoS databases, with >1500 citations
- More than 100 publications related to the field of occupational exposure to ionizing and non-ionizing radiation (see the attached publication list)

**GRANTS**

- co-PI from 1/1/2023 to 30/9/2024 of the project ID 2022.01888.PTDC "Measuring solar ultraviolet radiation in outdoor workers in Lisbon: From measuring to assessing risks and developing a digital health platform for workers' guidance" (acronym MEAOW@SolarUV) supported by FCT (Fundação para a Ciência e a Tecnologia) within the national Portugues call "Call for R&D Projects in All Scientific Domains – 2022", sub-call "2022 Call for R&D Project Grants - PeX Health and Sport Sciences" (https://arquivo.pt/wayback/20230310104954/https://former.fct.pt/apoios/projectos/concursos/ICDT/index.phtml.en : 49,348.75 euros)

- PI of UniMoRe Local Unit from 1/11/2023 to 30/11/2024 for the Project "Connecting European Cohorts to Increase Common and Effective Response to SARS-CoV-2 Pandemic: ORCHESTRA" – Grant Agreement n. 101016167 (Prot. n. 373362 del 28/09/2021: 51,000 euros assigned to UniMoRe)

- PI for UniMoRe from 1/11/2023 to 30/11/2024 of the Italian national research project supported by INAIL "BRIC 2022 - ID 36" entitled (NB: titled translated) "Definition of operational procedures for the evaluation of the risk for workers with active implanted or wearable medical devices"; 15,400 euros assigned.

**AWARDS**

- March 2016: EU COST action TD1206 StanDerm award grant of 2,400 euros for a three weeks scientific mission at the Coronel Institute of Occupational Health in Amsterdam (NL) to study work-related dermatoses and possible biomarkers of solar UV radiation exposure (supervisor Prof. Sanja Kezic)
- June 2018: EU COST 16216 OMEGA-NET award grant of 725 euros for the participation in the Training School "Modern Methods in Occupational Epidemiology", organized by the European Educational Program in Epidemiology (EEPE) in Florence (Italy) from 11th to 15th June 2018. Course coordinators: Neil Pearce, The London School of Hygiene & Tropical Medicine; Michelle Turner, Barcelona Institute for Global Health (ISGlobal)
- December 2019: Award of the University of Modena and Reggio Emilia (UniMoRe) for results obtained in national and international research activities.
- January 2021: Best paper of the 3rd International Electronic Conference on Environmental Research and Public Health — Public Health Issues in the Context of the COVID-19 Pandemic, 11-25 January 2021
- June 2024: 2024 Young Scientist Award in Bioelectromagnetics, awarded at BIOEM 2024 in Chania (GR)

Modena (Italy), date:
17/11/2025

Signature:

# LIST OF PUBLICATIONS

**Bibliography: (NB: only publications relevant in the research field of Bioelectromagnetics are included here below)**

***2025***

1. Modenese, A. Frequency of Workers with Active Implanted or Wearable Medical Devices Potentially Subjected to Interference Problems at the Workplaces. 2025 IEEE International Conference on Environment and Electrical Engineering and 2025 IEEE Industrial and Commercial Power Systems Europe, EEEIC / I and CPS Europe 2025. Doi: 10.1109/EEEIC/ICPSEurope64998.2025.11169274.
2. Carvalho F, Strehl C, Barroso-Dias J, Castela MM, Gobba F, Lapão LV, Loney T, Maia MR, Modenese A, John SM, Rodrigues A, Pinho C, Bieck C, Tenkate T, Westerhausen S, Wittlich M, Paulo MS. Occupational exposure to solar ultraviolet radiation among outdoor workers in Lisbon, 2023-first results of the MEAOW study. Front Public Health. 2025 Oct 27;13:1659663. doi: 10.3389/fpubh.2025.1659663.
3. Gasparini R, Gobba F, Bogi A, Calcagnini G, Censi F, Falsaperla R, Mattei E, Vivarelli C, D'Agostino S, Modenese A. Results of a national survey among occupational physicians to estimate the number of workers with active medical devices and their types in the context of managing electromagnetic hazards. Front Public Health. 2025 Jul 28;13:1599754. doi: 10.3389/fpubh.2025.1599754.
4. Würtz ET, Pugdahl K, Fenger-Grøn M, Berglind IA, Cherrie MPC, Dahlman-Höglund A, Grandahl K, Macan J, Modenese A, Notø H, Solovieva S, Straif K, Wittlich M, Connemann S, Heepenstrick T, Philipsen PA, Westerhausen S, Ge CB, Hansen J, Peters CE, Mehlum IS, Schlünssen V, Kolstad HA. A quantitative solar ultraviolet radiation job-exposure matrix for Europe. Ann Work Expo Health. 2025 Apr 24;69(4):415-428. doi: 10.1093/annweh/wxaf011.
5. Modenese A. Reporting of subjective symptoms after a specific training intervention on radiofrequency electromagnetic fields exposure in a sample of Italian students using smartphone devices. Oral communication at 2025 URSI Asia-Pacific Radio Science Meeting, AP-RASC 2025, Sidney ()Australia). Doi: 10.46620/URSIAPRASC25/JZSN3145.

***2024***

6. Silva Paulo, Marília; Maia, Mélanie R; Symanzik, Cara; Lapão, Luís Velez; Carvalho, Fernanda; Dias, Jorge Barroso; Gobba, Fabriziomaria; John, Swen Malte; Pinho, Cristina; Rodrigues, Ana; Tenkate, Thomas; Strehl, Claudine; Wittlich, Marc; Loney, Tom; Modenese, Alberto. MEAOW project: an international project on solar UVR measurements for a preventive digital solution. OCCUPATIONAL MEDICINE, Vol. 74:Supplement 1(2024). Doi: 10.1093/occmed/kqae023.0334.
7. Ádám B, Modenese A, Loney T. Editorial: Occupation and cancer: new insights into burden, risk factors, and prevention. Front Public Health. 2024 Jan 4;11:1343952. doi: 10.3389/fpubh.2023.1343952.
8. Censi F, Vivarelli C, Calcagnini G, Gasparini R, Gobba F, Modenese A, Mattei E. Workers with wearable medical devices exposed to electromagnetic fields. Paper ID#683, accepted for presentation at the 14$^{th}$ URSI AT-RASC Conference, Gran Canaria (Spain), 19-24 May 2024, *Conference paper, accepted, to be presented.*
9. Modenese A, Gobba F. The health surveillance of workers exposed to non-ionizing radiations: indications based on current european legislation. OCCUPATIONAL MEDICINE, Vol. 74:Supplement 1(2024). Doi: 10.1093/occmed/kqae023.0099].

10. Modenese A., Gobba F. Trends of the reporting of occupational skin cancers from exposure to solar radiation in italian workers. OCCUPATIONAL MEDICINE, Vol. 74:Supplement 1(2024). Doi: 10.1093/occmed/kqae023.0766.
11. Castellani, Giulia; Taino, Giuseppe; Modenese, Alberto; De Luca, Giuseppe; Moccaldi, Roberto. The indications of the Italian association of medical radiation protection (AIRM) for the health surveillance of workers exposed to ionizing radiation. OCCUPATIONAL MEDICINE Vol. 74:Supplement 1(2024). Doi: 10.1093/occmed/kqae023.0100.

***2023***

12. Modenese A, Chou BR, Ádám B, Loney T, Silva Paulo M, Tenkate T, Gobba F. Occupational Exposure to Solar Radiation and the Eye: A Call to Implement Health Surveillance of Outdoor Workers. Med Lav. 2023 Aug 2;114(4):e2023032. doi: 10.23749/mdl.v114i4.14657.
13. Paulo MS, Symanzik C, Maia MR, Lapão LV, Carvalho F, Conneman S, Dias JB, Gobba F, John SM, Loney T, Pinho C, Rodrigues A, Strehl C, Tenkate T, Wittlich M, Modenese A. Digitally measuring solar ultraviolet radiation in outdoor workers: A study protocol for establishing the use of electronic personal dosimeters in Portugal. Front Public Health. 2023 Mar 31;11:1140903. doi: 10.3389/fpubh.2023.1140903.
14. Paulo MS, Symanzik C, Ádam B, Gobba F, Kezic S, van der Molen HF, Peters CE, Rocholl M, Tenkate T, John SM, Loney T, Modenese A, Wittlich M. Risk of cutaneous squamous cell carcinoma due to occupational exposure to solar ultraviolet radiation: Protocol for a systematic review and meta-analysis. PLoS One. 2023 Mar 3;18(3):e0282664. doi: 10.1371/journal.pone.0282664.
15. Burattini, C.; Modenese, A.; Gobba, F.; Borra, M.; Leccese, F.; Militello, A.; Salvadori, G.; Rocca, M.; Bisegna, F. [The Italian project BRiC INAIL “Development of a smart multisensor device equipped with operating software for monitoring the personal exposure of outdoor workers to solar ultraviolet (UV) radiation": preliminary results]. AGGIORNAMENTI DI RADIOPROTEZIONE 2023, 62(1): 47-63, ISSN 2281-7956. *Italian.*
16. Di Liberto R., Modenese A. [The risk of Artificial Optical Radiation exposure related to LASER – Radioprotection and medical issues related to the LASER use in the hospitals]. Proceedings of the 2022 National Conference of the Italian Association of Medical Radiation Protection (AIRM), Turin 16-17 June 2022; ed. AIRM, Rome, 2023 by Antonella Spigo, p.p. 175-182, ISBN: 978-88-909379-7-2. *Italian.*
17. Alfonso JH, John SM, Wittlich Marc, Modenese A. ICOH Scientific Committees “Occupational and Environmental Dermatoses” and “Radiation and Work” collaborate in a national project in Portugal for the prevention of the solar radiation risk and UV-inflicted skin cancers in outdoor workers. ICOH Newsletter Vol. 21 N°2, p. 14-15. http://www.icohweb.org/site/newsletter.asp

18. Würtz ET, Pugdahl K, Berglind IA, … Modenese A, et al. A quantitative solar ultraviolet radiation job-exposure matrix for the general working population of Europe (UVR EuroJEM). Occupational and Environmental Medicine 2023;80:A20-A21.
19. Modenese A, Gobba F. Chapter 7. The Health Surveillance of Workers with Occupational Exposure to Electromagnetic Fields and the Problem of "Workers at Particular Risk". In: Electromagnetic Ergonomics From Electrification to a Wireless Society. Edited By Jolanta Karpowicz. Copyright 2023 ISBN 9780367896102 (hard copy); ISBN 9781003020486 (eBook); 282 Pages 67 B/W Illustrations Published September 7, 2023 by CRC Press; 1st Edition, p.p. 115-142.

***2022***

20. Modenese, Alberto; Gobba, Fabriziomaria. (2022). Occupational health surveillance of workers exposed to electromagnetic fields according to the current Italian legislation. Proceedings of the "VI Convegno Nazionale <<Interazioni tra Campi Elettromagnetici e Biosistemi>> (ICEMB). Cagliari (Italy). 8-10 June 2022.
21. Modenese, Alberto; Gobba, Fabriziomaria. [Updates on subjective symptoms reported by Magnetic Resonance Operators: main results of a recent Italian study]. AGGIORNAMENTI DI RADIOPROTEZIONE, 2022, 60:1(2022), pp. 37-46. ISSN 2281-7956. *Italian*
22. Modenese, Alberto; Burattini, Chiara; Bisegna, Fabio; Borra, Massimo; Leccese, Francesco; Militello, Andrea; Salvadori, Giacomo; Gobba, Fabriziomaria. [Exposure to solar ultraviolet radiation and occupational risk of outdoor workers: preliminary results of a BRiC INAIL project]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA 2022. XLIV:2, pp. 236-237. Proc. of the "84°Congresso Nazionale di Medicina del Lavoro SIML", 28 - 30 settembre 2022, Genova (Italy), ISSN 1592-7830. *Italian*
23. Modenese Alberto. Occupational exposure to solar radiation: an obvious but undervalued risk?. Proc. of the II Simposio de Higiene Industrial de Santander, Santander (ES), 19-20th May 2022.
24. Gobba, Fabriziomaria; Modenese, Alberto. OCCUPATIONAL EXPOSURE TO ELECTROMAGNETIC FIELDS AND HEALTH SURVEILLANCE OF WORKERS. Proc. of the 6th European Congress on Radiation Protection "RADIATION PROTECTION FOR EVERYONE", Budapest (Ungary), 30th May-3rd June 2022. https://static.akcongress.com/downloads/irpa/irpa2022-boa.pdf
25. Gobba, Fabriziomaria, Modenese, Alberto (2022). UV radiation exposure in occupation and leisure time - detailed knowledge for holistic prevention. In: Abstracts of the 33rd International Congress on Occupational Health 2022 (ICOH 2022) 6–10 February 2022. SAFETY AND HEALTH AT WORK, vol. 13, p. S34-S35, ISSN: 2093-7911, doi: 10.1016/j.shaw.2021.12.822
26. Würtz, Else Toft, Modenese, Alberto, Cherrie, Mark, Grandahl, Kasper, Dahlman-Höglund, Anna, Macan, Jelena, Notö, Hilde, Selander, Jenny, Berglind, Ina Anveden, Solvieva, Svetlana, Straif, Kurt, Wittl [...] 3rd International Congress on Occupational Health 2022 (ICOH 2022) 6–10 February 2022. SAFETY AND HEALTH AT WORK, vol. 13, ISSN: 2093-7911, doi: 10.1016/j.shaw.2021.12.1527
27. Modenese, Alberto, Bravo, Giulia, Grandi, Carlo, Biffoni, Mauro, Gobba, Fabriziomaria (2022). A systematic review on occupational exposure to radiofrequency electromagnetic fields and risk of cancer: preliminary results from an Italian research project. In: Abstracts of the 33rd International Congress on Occupational Health 2022 (ICOH 2022) 6–10 February 2022. SAFETY AND HEALTH AT WORK, vol. 13, ISSN: 2093-7911, doi: 10.1016/j.shaw.2021.12.1521
28. Gobba, Fabriziomaria, Modenese, Alberto (2022). The health surveillance of workers exposed to EMF: an outline of criteria. In: Abstracts of the 33rd International Congress on Occupational

Health 2022 (ICOH 2022) 6–10 February 2022. SAFETY AND HEALTH AT WORK, vol. 13, ISSN: 2093-7911, Online, doi: 10.1016/j.shaw.2021.12.861
29. Modenese, Alberto; Gobba, Fabriziomaria. Occupational Health and Safety in the Healthcare Sector. HEALTHCARE. 2022. DOI: 10.3390/books978-3-0365-4593-6. ISSN 2227-9032.
30. Modenese, Alberto, Wittlich, Marc, Gobba, Fabriziomaria (2022). Biological effects induced by EMF exposure and conditions determining a particular risk for the exposed workers. In: Abstracts of the 33rd International Congress on Occupational Health 2022 (ICOH 2022) 6–10 February 2022. SAFETY AND HEALTH AT WORK, vol. 13, ISSN: 2093-7911, doi: 10.1016/j.shaw.2021.12.859
31. Gobba, Fabriziomaria; Modenese, Alberto. [Mobile phones and tumours: what evidence?] (2022), Proc. of the XXVII Congresso Nazionale AIRM "Radioprotezione 2.0 2.0" , pp. 289-296, Ragusa (IT), 2-4 September 2021, ISBN 9788890937927. *Italian.*
32. Modenese, Alberto (2022). Prevention of Health Risks Related to Occupational Solar Ultraviolet Radiation Exposure in Times of Climate Change and COVID-19 Pandemic. ATMOSPHERE, vol. 13, p. 1147, ISSN: 2073-4433, doi: 10.3390/atmos13071147
33. Modenese A. Environmental or occupational exposure to optical radiation: Risk evaluation, health effects and prevention - tangible innovation for public and occupational health? Front Public Health. 2022 Jul 18;10:969245. doi: 10.3389/fpubh.2022.969245. eCollection 2022.
34. Pega F, Momen NC, Gagliardi D, Bero LA, Boccuni F, Chartres N, Descatha A, Dzhambov AM, Godderis L, Loney T, Mandrioli D, Modenese A, van der Molen HF, Morgan RL, Neupane S, Pachito D, Paulo MS, Prakash KC, Scheepers PTJ, Teixeira L, Tenkate T, Woodruff TJ, Norris SL. Assessing the quality of evidence in studies estimating prevalence of exposure to occupational risk factors: The QoE-SPEO approach applied in the systematic reviews from the WHO/ILO Joint Estimates of the Work-related burden of disease and Injury. Environ Int. 2022 Mar;161:107136. doi: 10.1016/j.envint.2022.107136. Epub 2022 Feb 16.
35. Loomis D, Dzhambov AM, Momen NC, Chartres N, Descatha A, Guha N, Kang SK, Modenese A, Morgan RL, Ahn S, Martínez-Silveira MS, Zhang S, Pega F. The effect of occupational exposure to welding fumes on trachea, bronchus and lung cancer: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. Environ Int. 2022 Dec;170:107565. doi: 10.1016/j.envint.2022.107565.
36. Ricci F, Modenese A, Gobba F, Morlini I. Evaluation of an Online Course Promoting Health and Wellbeing for University Students and Employees. Eur J Investig Health Psychol Educ. 2022 Sep 12;12(9):1369-1390. doi: 10.3390/ejihpe12090096.
37. Hartwig V, Virgili G, Mattei FE, Biagini C, Romeo S, Zeni O, Scarfì MR, Massa R, Campanella F, Landini L, Gobba F, Modenese A, Giovannetti G. Occupational exposure to electromagnetic fields in magnetic resonance environment: an update on regulation, exposure assessment techniques, health risk evaluation, and surveillance. Med Biol Eng Comput. 2022 Feb;60(2):297-320. doi: 10.1007/s11517-021-02435-6.

***2021***

38. Filosa, Laura; Gobba, Fabriziomaria; Modenese, Alberto. [The Health Surveillance of workers exposed to electromagnetic fields: legislation, particular susceptibility to the risk, indications for the fitness to work]. RIVISTA AMBIENTE E LAVORO. Vol. 136:(2021), pp. 35-55. ISSN 1825-5396. *Italian.*
39. Momen NC, Streicher KN, da Silva DTC, Descatha A, Frings-Dresen MHW, Gagliardi D, Godderis L, Loney T, Mandrioli D, Modenese A, Morgan RL, Pachito D, Scheepers PTJ, Sgargi D, Paulo MS, Schlünssen V, Sembajwe G, Sørensen K, Teixeira LR, Tenkate T, Pega F. Assessor burden, inter-rater agreement and user experience of the RoB-SPEO tool for assessing risk of bias in studies estimating prevalence of exposure to occupational risk factors:

An analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. Environ Int. 2022 Jan;158:107005. doi: 10.1016/j.envint.2021.107005. Epub 2021 Nov 30.
40. Gobba, Fabriziomaria; Falsaperla, Rosaria; Grandi, Carlo; Moccaldi, Roberto; Modenese, Alberto; Polichetti, Alessandro; Rossi, Paolo; Stanga, Andrea. [Guidelines for the health surveillance of workers exposed to electromagnetic fields]. Associazione Italiana di Radioprotezione Medica, 2021. ISBN: 9788890937941. *Italian.*
41. Modenese, Alberto; Bisegna, Fabio; Borra, Massimo; Bravo, Giulia; Burattini, Chiara; Grasso, Anna; Gugliermetti, Luca; Filon, Francesca Larese; Militello, Andrea; Ruggieri, Francesco Pio; Gobba, Fabriziomaria. Evaluation of Personal Solar UV Exposure in a Group of Italian Dockworkers and Fishermen, and Assessment of Changes in Sun Protection Behaviours After a Sun-Safety Training. ADVANCES IN SCIENCE, TECHNOLOGY AND ENGINEERING SYSTEMS JOURNAL. 2021. 6:1(2021), pp. 1312-1318. [doi:10.25046/aj0601150] - ISSN 2415-6698.
42. Modenese, Alberto; Gobba, Fabriziomaria. Exposure to Optical Radiation and Electromagnetic Fields at the Workplace: Criteria for Occupational Health Surveillance According to Current European Legislation. ADVANCES IN SCIENCE, TECHNOLOGY AND ENGINEERING SYSTEMS JOURNAL 2021, 6:1(2021), pp. 1403-1413. [doi: 10.25046/aj0601159] - ISSN 2415-6698.
43. Modenese A, Loney T, Rocholl M, Symanzik C, Gobba F, John SM, Straif K, Silva Paulo M. Protocol for a Systematic Review on the Effectiveness of Interventions to Reduce Exposure to Occupational Solar UltraViolet Radiation (UVR) Among Outdoor Workers. Front Public Health. 2021 Nov 11;9:756566. doi: 10.3389/fpubh.2021.756566. eCollection 2021.
44. Bravo G, Modenese A, Arcangeli G, Bertoldi C, Camisa V, Corona G, Giglioli S, Ligabue G, Moccaldi R, Mucci N, Muscatello M, Venturelli I, Vimercati L, Zaffina S, Zanotti G, Gobba F. Subjective Symptoms in Magnetic Resonance Imaging Personnel: A Multi-Center Study in Italy. Front Public Health. 2021 Oct 7;9:699675. doi: 10.3389/fpubh.2021.699675. eCollection 2021.
45. Modenese, Alberto; Gobba, Fabriziomaria. The under-reporting of UV induced occupational non-melanoma skin cancers and actinic keratoses in Italy. Proc. of the XXII World Congress on Safety and Health at Work, online conference, 20-23 September 2021.
46. Ricci F, Bravo G, Modenese A, De Pasquale F, Ferrari D, Bello M, Favero G, Soddu S, Gobba F. Risk Perception and Ethnic Background in Construction Workers: Results of a Cross-Sectional Study in a Group of Trainees of a Vocational School in Italy. Eur J Investig Health Psychol Educ. 2021 Jan 26;11(1):96-109. doi: 10.3390/ejihpe11010008.
47. Ferrari G, Ferrari AM, Campobasso D, Modenese A, Rijo E, Misrai V, Rosa R, Cindolo L. Environmental Safety of the 180-W GreenLight Laser: A Pilot Study On Plume And Irrigating Fluids. Urology. 2021 Aug;154:227-232. doi: 10.1016/j.urology.2021.03.016. Epub 2021 Mar 27.
48. Ricci F, Bravo G, Modenese A, Pasquale F, Ferrari D, Gobba F. Risk Perception in the Construction Industry: Differences Between Italian and Migrant Workers Before and After a Targeted Training Intervention. New Solut. 2021 May;31(1):65-71. doi: 10.1177/1048291121998364. Epub 2021 Feb 25.
49. Modenese A, Gobba F. Occupational Exposure to Electromagnetic Fields and Health Surveillance According to the European Directive 2013/35/EU. Int J Environ Res Public Health. 2021 Feb 10;18(4):1730. doi: 10.3390/ijerph18041730.
50. PANERA, Nadia, CAMISA, Vincenzo, BRUGALETTA, Rita, VINCI, Maria Rosaria, SANTORO, Annapaola, COSCIA, Emanuele, PASTORE, Anna, CANNATÀ, Vittorio, GOBBA, Fabriziomaria, MODENESE, Alberto, CHIRICO, Francesco, MAGNAVITA, Nicola, ALISI, Anna,

ZAFFINA, Salvatore (2021). Blood cell gene expression profiles: A narrative review of biomarkers and effects of low-dose ionizing radiation exposure. JOURNAL OF HEALTH AND SOCIAL SCIENCES, vol. 6, p. 349-366, ISSN: 2499-5886, doi: 10.19204/2021/bldc9

51. Loney T, Paulo MS, Modenese A, Gobba F, Tenkate T, Whiteman DC, Green AC, John SM. Global evidence on occupational sun exposure and keratinocyte cancers: a systematic review. Br J Dermatol. 2021 Feb;184(2):208-218. doi: 10.1111/bjd.19152. Epub 2020 Jun 30.
52. Modenese, Alberto; Bravo, Giulia; Grandi, Carlo; Biffoni, Mauro; Gobba, Fabriziomaria.P-228 Occupational exposure to radiofrequency electromagnetic fields and risk of cancer: preliminary data from the Italian research project BRIC 2018 – ID 06. OCCUPATIONAL AND ENVIRONMENTAL MEDICINE; 78:Suppl. 1(2021), pp. A89.3-A90. ISSN 1470-7926.
53. Burattini, Chiara, Pompei, Laura, Modenese, Alberto, Salvadori, Giacomo, Militello, Andrea, Leccese, Francesco, Borra, Massimo, Gobba, Fabriziomaria, Bisegna, Fabio (2021). UV solar exposure of outdoor workers in Mediterranean area. IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe). p. 1-4, IEEE publisher, ISBN: 978-1-6654-3613-7, Bari, 7-10 September 2021, doi: 10.1109/EEEIC/ICPSEurope51590.2021.9584497
54. Würtz, Else Toft; Cherrie, Mark; Ge, Calvin; Grandahl, Kasper; Hansen, Johnni; Dahlman-Höglund, Anna; Mehlum, Ingrid Sivesind; Modenese, Alberto; Notö, Hilde; Peters, Cheryl; Selander, Jenny; Solovieva, Svetlana; Schlünssen, Vivi; Wittlich, Marc; Kolstad, Henrik Albert. Occupational exposure levels of solar ultraviolet radiation: an EPHOR review. OCCUPATIONAL AND ENVIRONMENTAL MEDICINE, 78:Suppl. 1(2021), pp. A46.2-A46. ISSN 1470-7926.
55. Boniol, Mathieu; Hosseini, Bayan; Ivanov, Ivan; Náfrádi, Bálint; Neira, Maria; Olsson, Ann; Onyije, Felix; Pega, Frank; Pintado Nunes, Joaquim; Prüss-Üstün, Annette; Schubauer-Berigan, Mary; Schüz, Joachim; Ujita, Yuka; Maria Leon-Roux, Emilie van Deventer.; Momen, Natalie; Ádám, Balázs; Akagwu, Ojochide; Akparibo, Issaka; Al Rifai, Rami; Bazrafshan, Sholeh; Bravo, Giulia; Gobba, Fabriziomaria; Green, Adele; Kezic, Sanja; Loney, Tom; Modenese, Alberto; Paulo, Marilia; Peters, Cheryl; Tenkate, Thomas; Whiteman, David; Wittlich, Marc; John, Swen. The effect of occupational exposure to solar ultraviolet radiation on malignant skin melanoma and non- melanoma skin cancer: a systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. 2021 WHO publications, pp. 1-192. Available online: https://iris.who.int/handle/10665/350569
56. Modenese, A.; Bravo, G.; Gobba, F.; Grandi, C. [Protocol for a systematic review of the literature on occupational exposure to radiofrequency fields and tumours within the project ID6 2018]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2021, vol. 43:3(2021), pp. 246-247. Proc. of the “83° Congresso Nazionale SIML Società Italiana di Medicina del Lavoro: La cultura della prevenzione batte il tempo", Parma (Italy), 15-17 September 2021. ISSN 1592-7830. *Italian.*

**2020**

57. Pega F, Chartres N, Guha N, Modenese A, Morgan RL, Martínez-Silveira MS, Loomis D. The effect of occupational exposure to welding fumes on trachea, bronchus and lung cancer: A protocol for a systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. Environ Int. 2020 Dec;145:106089. doi: 10.1016/j.envint.2020.106089. Epub 2020 Sep 17.
58. Modenese, Alberto; Della Vecchia, Elena; Muscatello, Martina; Rossi, Giorgia; Gobba, Fabriziomaria. [Risk of cataract and exposure to ionizing radiation of healthcare workers: an update ]. AGGIORNAMENTI DI RADIOPROTEZIONE, 2020, vol. 58, pp. 39-49. ISSN 2281-7956. Italian.

59. Gobba, Fabriziomaria; Modenese, Alberto. Occupational risk related to natural optical radiation exposure and skin cancers. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. XLII:4(2020), pp. 329-331. ISSN 1592-7830. Italian
60. Della Vecchia E, Modenese A, Loney T, Muscatello M, Silva Paulo M, Rossi G, Gobba F. Risk of cataract in health care workers exposed to ionizing radiation: a systematic review. Med Lav. 2020 Aug 31;111(4):269-284. doi: 10.23749/mdl.v111i4.9045.
61. Modenese A, Loney T, Ruggieri FP, Tornese L, Gobba F. Sun protection habits and behaviors of a group of outdoor workers and students from the agricultural and construction sectors in north-Italy. Med Lav. 2020 Apr 30;111(2):116-125. doi: 10.23749/mdl.v111i2.8929.
62. Wittlich M, John SM, Tiplica GS, Sălăvăstru CM, Butacu AI, Modenese A, Paolucci V, D'Hauw G, Gobba F, Sartorelli P, Macan J, Kovačić J, Grandahl K, Moldovan H. Personal solar ultraviolet radiation dosimetry in an occupational setting across Europe. J Eur Acad Dermatol Venereol. 2020 Aug;34(8):1835-1841. doi: 10.1111/jdv.16303. Epub 2020 Mar 10.
63. Ricci F, Modenese A, Bravo G, De Pasquale F, Ferrari D, Bello M, Carozza L, Longhi F, Favero G, Soddu S, Gobba F. Ethnic background and risk perception in construction workers: development and validation of an exploratory tool. Int J Occup Med Environ Health. 2020 Mar 13;33(2):163-172. doi: 10.13075/ijomeh.1896.01478. Epub 2019 Dec 30.
64. Pega F, Norris SL, Backes C, Bero LA, Descatha A, Gagliardi D, Godderis L, Loney T, Modenese A, Morgan RL, Pachito D, Paulo MBS, Scheepers PTJ, Schlünssen V, Sgargi D, Silbergeld EK, Sørensen K, Sutton P, Tenkate T, Torreão Corrêa da Silva D, Ujita Y, van Deventer E, Woodruff TJ, Mandrioli D. RoB-SPEO: A tool for assessing risk of bias in studies estimating the prevalence of exposure to occupational risk factors from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. Environ Int. 2020 Feb;135:105039. doi: 10.1016/j.envint.2019.105039.
65. Gobba Fabriziomaria, Modenese Alberto (2020). Occupational risk related to natural optical radiation exposure and skin cancers. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA, vol. XLII, p. 329-331, ISSN: 1592-7830. *Italian.*
66. Fabriziomaria Gobba, Alberto Modenese (2020). The development of the new guidelines of the Italian association of medical radioprotection (AIRM) for the protection of the workers exposed to EMF related risks: new approaches and criteria. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA, vol. XLII, p. 304-309, ISSN: 1592-7830. *Italian.*
67. Modenese, Alberto, Gobba, Fabriziomaria, Paolucci, Valentina, John, Swen Malte, Sartorelli, Pietro, Wittlich, Marc (2020). A One-Month Monitoring of Exposure to Solar UV Radiation of a Group of Construction Workers in Tuscany. ENERGIES, vol. 13, p. 6035-6047, ISSN: 1996-1073, doi: 10.3390/en13226035
68. Modenese A., Gobba F. (2020). Occupational Exposure to Non-Ionizing radiation. Main effects and criteria for health surveillance of workers according to the European Directives. In: Proceedings - 2020 [...] Power Systems Europe, EEEIC / I and CPS Europe 2020. p. 1-6, Institute of Electrical and Electronics Engineers Inc., ISBN: 978-1-7281-7455-6, esp, 2020, doi: 10.1109/EEEIC/ICPSEurope49358.2020.9160831 42 2020
69. Modenese A., Gobba F., Paolucci V., John S. M., Sartorelli P., Wittlich M. (2020). Occupational solar UV exposure in construction workers in Italy: Results of a one-month monitoring with personal dosi [...] Power Systems Europe, EEEIC / I and CPS Europe 2020. p. 1-5, Institute of Electrical and Electronics Engineers Inc., ISBN: 978-1-7281-7455-6, esp, 2020, doi: 10.1109/EEEIC/ICPSEurope49358.2020.9160852
70. Modenese A., Bisegna F., Borra M., Burattini C., Gugliermetti L., Filon F. L., Militello A., Toffanin P., Gobba F. (2020). Occupational Exposure to Solar UV Radiation in a Group of Dock-workers in Nor [...] Power Systems Europe, EEEIC / I and CPS Europe 2020. p. 1-6, Institute of

Electrical and Electronics Engineers Inc., ISBN: 978-1-7281-7455-6, esp, 2020, doi: 10.1109/EEEIC/ICPSEurope49358.2020.9160703

**2019**

71. Modenese A, Ruggieri FP, Bisegna F, Borra M, Burattini C, Della Vecchia E, Grandi C, Grasso A, Gugliermetti L, Manini M, Militello A, Gobba F. Occupational Exposure to Solar UV Radiation of a Group of Fishermen Working in the Italian North Adriatic Sea. Int J Environ Res Public Health. 2019 Aug 20;16(16):3001. doi: 10.3390/ijerph16163001.
72. Gobba F, Modenese A, John SM. Skin cancer in outdoor workers exposed to solar radiation: a largely underreported occupational disease in Italy. J Eur Acad Dermatol Venereol. 2019 Nov;33(11):2068-2074. doi: 10.1111/jdv.15768. Epub 2019 Aug 1.
73. Modenese, Alberto; Bargellini, Annalisa; Gobba, Fabriziomaria. Occupational exposure to electromagnetic fields and prevention of possible adverse effects in workers: results of 20 years of research at the University of Modena and Reggio Emilia (2019). In: 03-ELECTROMAGNETIC FIELDS AND HEALTH: SAFETY, DIAGNOSTIC, THERAPY, Eds. Massa Rita; publisher: Texmat; pp. 33-44. ISBN: 9788894982251
74. Gobba, Fabriziomaria; Modenese, Alberto. [EMF: the conditions that possibly induce an increased susceptibility of the workers and preventive measures]. 2019. Proc. of the conference “dBA 2019. Agenti fisici e salute nei luoghi di lavoro”, Bologna (Italy), 17/10/2019, pp. 39-56. *Italian.* ISBN 978-88-944190-3-0. *Italian.*
75. Paulo MS, Adam B, Akagwu C, Akparibo I, Al-Rifai RH, Bazrafshan S, Gobba F, Green AC, Ivanov I, Kezic S, Leppink N, Loney T, Modenese A, Pega F, Peters CE, Prüss-Üstün AM, Tenkate T, Ujita Y, Wittlich M, John SM. WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of occupational exposure to solar ultraviolet radiation and of the effect of occupational exposure to solar ultraviolet radiation on melanoma and non-melanoma skin cancer. Environ Int. 2019 May;126:804-815. doi: 10.1016/j.envint.2018.09.039. Epub 2019 Feb 18.
76. Modenese, A.; Carlotti, D.; Contessa, G. M.; D’Agostino, S.; Falsaperla, R.; Grandi, C.; Lopresto, V.; Pinto, R.; Polichetti, A.; Pozzi, R.; Gobba, F. M. [Protection pf workers against electromagnetic fields (EMF) and health surveillance: preliminary data of a study within the INAIL call for research in collaboration (BRiC) 2016]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. ; 41:4 (supp.)(2019), pp. 93-93. ISSN 1592-7830. *Italian.*
77. Tenkate T, Adam B, Al-Rifai RH, Chou BR, Gobba F, Ivanov ID, Leppink N, Loney T, Pega F, Peters CE, Prüss-Üstün AM, Silva Paulo M, Ujita Y, Wittlich M, Modenese A. WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of occupational exposure to solar ultraviolet radiation and of the effect of occupational exposure to solar ultraviolet radiation on cataract. Environ Int. 2019 Apr;125:542-553. doi: 10.1016/j.envint.2018.10.001. Epub 2019 Feb 6.
78. Modenese A, Gobba F. Macular degeneration and occupational risk factors: a systematic review. Int Arch Occup Environ Health. 2019 Jan;92(1):1-11. doi: 10.1007/s00420-018-1355-y.
79. Zanotti G, Modenese A, Bravo G, Arcangeli G, Camisa V, Corona G, Giglioli S, Ligabue G, Moccaldi R, Mucci N, Vimercati L, Zaffina S, Gobba F. Subjective symptoms in magnetic resonance imaging operators: preliminary results of an italian study. Occup Environ Med 2018, 75 (Suppl 2) A422-A423; DOI: 10.1136/oemed-2018-ICOHabstracts.1207
80. Borra, Massimo; Burattini, Chiara; Gugliermetti, Luca; Modenese, Alberto. [Sun exposure of outdoor workers: an under-estimated risk]. 2019, Proc. of the Conference dBA 2019. Agenti fisici e salute nei luoghi di lavoro, Bologna 17/10/2019, pp. 115-124. ISBN 978-88-944190-3-0. *Italian*

81. Ruggieri, Francesco Pio; Grasso, Anna; Della Vecchia, Elena; Larese Filon, Francesca; Manini, Marco; Modenese, Alberto; Toffanin, Paolo; Gobba, Fabriziomaria. [Prevention of the occupational risk related to solar radiation exposure: a training intervention for maritime workers]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2019, vol. 41:4 (supp.), pp. 97-98, Proc. of the "82° Congresso Nazionale SIML", Trieste (Italy), 25-27 September 2019. ISSN 1592-7830. *Italian*.
82. Gobba, Fabriziomaria; Modenese, Alberto. [Prevention of the occupational risk related to solar radiation exposure: a training intervention for workers and students of the agriculture and construction sectors]. AGGIORNAMENTI DI RADIOPROTEZIONE, 2019, pp. 13-19. ISSN 2281-7956. *Italian*.
83. Bertoldi, C.; Muscatello, M.; Venturelli, I.; Modenese, A.; Bravo, G.; Arcangeli, G.; Camisa, V.; Corona, G.; Giglioli, S.; Ligabue, G.; Moccaldi, R.; Mucci, N.; Vimercati, L.; Zaffina, S.; Zanotti, G.; Gobba, F. [A study on the subjective sensory effects reported by MRI operators]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2019, vol. 41:4 (supp.), pp. 189-190. Proc. of the "82° Congresso Nazionale SIML", Trieste (Italy), 25-27 September 2019. ISSN 1592-7830. *Italian*.
84. Gobba, Fabriziomaria; Modenese, Alberto. [Occupational Skin Cancers; risky exposures and epidemiological aspects]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2019, vol. 41:4 (supp.), pp. 52-53. Proc. of the "82° Congresso Nazionale SIML", Trieste (Italy), 25-27 September 2019. ISSN 1592-7830. *Italian*.

**2018**

85. Modenese A, Korpinen L, Gobba F. Solar Radiation Exposure and Outdoor Work: An Underestimated Occupational Risk. Int J Environ Res Public Health. 2018 Sep 20;15(10):2063. doi: 10.3390/ijerph15102063. Proc. of the 32nd International Congress on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. ISSN 1351-0711.
86. Modenese A, Korpinen L, Gobba F. Gliomas incidence in Italy. Occup Environ Med 2018, 75 (Suppl 2), pp A430-A431; DOI: 10.1136/oemed-2018-ICOHabstracts.1230. Proc. of the 32nd International Congress on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. ISSN 1351-0711.
87. Modenese A. Occupational UV exposure and the eye. Occup Environ Med 2018, 75 (Suppl 2), pp. A425.1-A425. DOI: 10.1136/oemed-2018-ICOHabstracts.1214. Proc. of the 32nd International Congress on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. ISSN 1351-0711.
88. Modenese, Alberto; Korpinen, Leena; Gobba, Fabriziomaria. Occupational skin cancer in outdoor workers in italy: expected number vs cases recognised by the italian national compensation authority (INAIL). OCCUPATIONAL AND ENVIRONMENTAL MEDICINE. 2018, vol. 75:2 (supp.), pp. A430.1-A430. Proc. of the 32nd International Congress on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. DOI: 10.1136/oemed-2018-ICOHabstracts.1229. ISSN 1351-0711.
89. Zanotti, G; Modenese, A; Bravo, G; Arcangeli, G; Camisa, V; Corona, G; Giglioli, S; Ligabue, G; Moccaldi, R; Mucci, N; Vimercati, L; Zaffina, S; Gobba, F. Subjective symptoms in magnetic resonance imaging operators: preliminary results of an italian study. OCCUPATIONAL AND ENVIRONMENTAL MEDICINE. 2018, vol. 75:2 (supp.), pp. A422.3-A423. DOI: 10.1136/oemed-2018-ICOHabstracts.1207. Proc. of the 32nd International Congress on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. ISSN 1351-0711.
90. Modenese, Alberto. Questionnaire based evaluation of the whole-life history of solar UV radiation exposure in a group of patients in Italy. OCCUPATIONAL AND ENVIRONMENTAL MEDICINE. 2018. Vol. 75:2 (supp.), pp. A86.4-A87. Proc. of the 32nd International Congress

on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. DOI: 10.1136/oemed-2018-ICOHabstracts.247. ISSN 1351-0711.

91. Modenese A, Gobba F. Cataract frequency and subtypes involved in workers assessed for their solar radiation exposure: a systematic review. Acta Ophthalmol. 2018 Dec;96(8):779-788. doi: 10.1111/aos.13734. Epub 2018 Apr 16.
92. Gobba, Fabriziomaria; Modenese, Alberto. [Electromagnetic fields (EMF) exposure in healthcare facilities: main sources, current data on possible effects]. AGGIORNAMENTI DI RADIOPROTEZIONE. 2018. Vol. 53:1, pp. 48-53. ISSN 2281-7956. *Italian.*
93. Modenese, Alberto. [Criteria for the health surveillance of UV-exposed workers]. Proc. of the "CONVEGNO NAZIONALE AIRM RADIAZIONI ED ALTRI RISCHI. La sorveglianza a confronto", Cagliari (Italy), 24-25 May 2018, pp. 92-98. *Italian.*
94. Borra, M; Bisegna, F; Burattini, C; Gobba, F; Grandi, C; Gugliermetti, F; Militello, A; Modenese, A. A simple method to determine the cumulative dose in outdoor workers exposed to solar radiation. OCCUPATIONAL AND ENVIRONMENTAL MEDICINE, 2018, vol. 75:2 (supp.), pp. A320.3-A321. DOI: 10.1136/oemed-2018-ICOHabstracts.917 . Proc. of the 32nd International Congress on Occupational Health, Dublin (EIRE), April 29th-May 4th 2018. ISSN 1351-0711.
95. Modenese, Alberto; Avino, M. R.; Delli Carri, R.; Innocenti, M.; Gobba, Fabriziomaria. [Prevention of the risk related to occupational exposure to solar radiation: a training intervention for workers, teachers and students of the agricultural and construction sector]. 2018. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2018, vol. 40:3 (suppl.), pp. 62-62. Proc. of the "81° Congresso Nazionale SIML", Bari (Italy), 26-28 September 2018. ISSN 1592-7830. *Italian.*
96. Borra, M; Grandi, C; Militello, A; Burattini, C; Gugliermetti, L; Mangione, A; Bisegna, F; Modenese, A; Gobba, F. Developing an algorithm to assess the UV erythemal dose for outdoor workers Validation through direct measures., Proc. of the "2018 IEEE International Conference on Environment and Electrical Engineering", Palermo 12-15 June 2018, pp. 1-5. DOI: 10.1109/EEEIC.2018.8494540.
97. Della Vecchia, Elena; Muscatello, Martina; Rossi, Giorgia; Modenese, Alberto; Gobba, Fabriziomaria. [The current occupational risks of healthcare workers of Diagnostic Imaging Departments: a review of the scientific literature]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2018, 40:3 (suppl.), pp. 151-151. Proc. of the "81° Congresso Nazionale SIML", Bari (Italy), 26-28 September 2018. ISSN 1592-7830. *Italian.*
98. Ruggieri, Francesco Pio; Bisegna, Fabio; Borra, Massimo; Burattini, Chiara; Della Vecchia, Elena; Foddis, Rudy; Grandi, Carlo; Grasso, Anna; Gugliermetti, Luca; Larese Filon, Francesca; Manini, Mauro; Militello, Andrea; Modenese, Alberto; Toffanin, Paolo; Gobba, Fabriziomaria. Dosimetric evaluation of solar radiation exposure of a group of workers employed in the maritime sector. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2018, 40:3 (suppl.), pp. 50-50. Proc. of the "81° Congresso Nazionale SIML", Bari (Italy), 26-28 September 2018. ISSN 1592-7830. *Italian.*

**2017**

99. Modenese A, Gobba F. Occupational Exposure to Solar Radiation at Different Latitudes and Pterygium: A Systematic Review of the Last 10 Years of Scientific Literature. Int J Environ Res Public Health. 2017 Dec 26;15(1):37. doi: 10.3390/ijerph15010037.
100. Gobba F., Modenese A. [Epidemiology of neoplasms induced by NIR exposure] *Italian.* Proc. of the XXV National Congress of AIRM, Verona (Italy), 22-24 June 2017, pp. 145-156. ISBN 9788890937927
101. Gobba F, Dall'Olio E, Modenese A, De Maria M, Campi L, Cavallini GM. Work-Related Eye Injuries: A Relevant Health Problem. Main Epidemiological Data from a Highly-Industrialized

Area of Northern Italy. Int J Environ Res Public Health. 2017 Jun 6;14(6):604. doi: 10.3390/ijerph14060604.

102. Gobba, Fabriziomaria; Modenese, Alberto; Zanotti, Giulio. [Effects of electromagnetic fields in workers with occupational exposure: scientific evidence, judiciary decisions]. 2017. Proc. of the conference "dBA incontri 2017. Radiazioni ionizzanti e non ionizzanti: valutazione e protezione alla luce della nuova normativa europea", Modena (Italy), 14/09/2017, pp. 133-141. *Italian*.

103. Gobba, Fabriziomaria; Modenese, Alberto. [Health Surveillance of workers exposed to electromagnetic fields: the requirements in light of the recent regulatory updates in Italy]. AGGIORNAMENTI DI RADIOPROTEZIONE. 2017, vol. 51:1, pp. 21-31. ISSN 2281-7956.
*Italian.*

104. Gualtieri, Giulia; Grasso, Anna; Mazzoli, Tommaso; Carozza, Lm; Modenese, A; Gobba, F. [Occupational and environmental exposure to solar radiation and macular degeneration: a review of last 10-years epidemiological data]. 2017. Proc. of the 80° Congresso Nazionale SIMLII, Padova (Italy), 20-22 September 2017. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. ISSN 1592-7830. *Italian.*

105. Carozza, Lm; Grasso, A; Mazzoli, T; Gualtieri, G; Modenese, A; Gobba, F. [Evaluation of occupational exposure to solar radiation in epidemiological studies on workers: a review of scientific literature]. 2017. Proc. of the 80° Congresso Nazionale SIMLII, Padova (Italy), 20-22 September 2017. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. ISSN 1592-7830. *Italian.*

106. Mazzoli, T; Grasso, A; Gualtieri, G; Carozza, Lm; Modenese, A; Gobba, F. [Exposure to solar radiation and cataract: an update of the knowledge based on scientific literature]. 2017. Proc. of the 80° Congresso Nazionale SIMLII, Padova (Italy), 20-22 September 2017. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. ISSN 1592-7830. *Italian.*

107. Loscerbo, Roberto; Modenese, A; Tomasini, Emanuela; Gobba, F. [Occupational exposure to solar radiation: measurements of urinary thymine dimers for the evaluation of UV-induced skin damage]. 2017. Proc. of the 80° Congresso Nazionale SIMLII, Padova (Italy), 20-22 September 2017. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. ISSN
1592-7830. *Italian.*

108. Modenese, A; Paolucci, V; D'Hauw, G; Gobba, F; Sartorelli, P. [Dosimetric evaluation of solar radiation exposure in the construction sector]. 2017. Proc. of the 80° Congresso Nazionale SIMLII, Padova (Italy), 20-22 September 2017. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. ISSN 1592-7830. *Italian.*

**2016**

109. Modenese A, Bisegna F, Borra M, Grandi C, Gugliermetti F, Militello A, Gobba F. Outdoor work and solar radiation exposure: Evaluation method for epidemiological studies. Med Pr. 2016;67(5):577-587. doi: 10.13075/mp.5893.00461.

110. Modenese, Alberto. Preventing Melanoma with the Help of Occupational Physicians. JOURNAL OF CANCER RESEARCH UPDATES. 2016. Vol. 5:4, pp. 114-119. ISSN 1929-
2279. DOI: 10.6000/1929-2279.2016.05.04.2

111. Taino, Giuseppe; Modenese, Alberto; Zanotti, Giulio; Gobba, Fabriziomaria. [Acute corioretinitis as a consequence of infrared artificial optical radiation exposure in a steel mill worker]. 2016. AGGIORNAMENTI DI RADIOPROTEZIONE, 49:1, pp. 26-32. ISSN 2281-7956.
Italian.

112. Ulrich C, Salavastru C, Agner T, Bauer A, Brans R, Crepy MN, Ettler K, Gobba F,

Goncalo M, Imko-Walczuk B, Lear J, Macan J, Modenese A, Paoli J, Sartorelli P, Stageland K, Weinert P, Wroblewski N, Wulf HC, John SM. The European Status Quo in legal recognition

and patient-care services of occupational skin cancer. J Eur Acad Dermatol Venereol. 2016 Apr;30 Suppl 3:46-51. doi: 10.1111/jdv.13609.

113. Modenese A, Farnetani F, Andreoli A, Pellacani G, Gobba F. Questionnaire-based evaluation of occupational and non-occupational solar radiation exposure in a sample of Italian patients treated for actinic keratosis and other non-melanoma skin cancers. J Eur Acad Dermatol Venereol. 2016 Apr;30 Suppl 3:21-6. doi: 10.1111/jdv.13606.

**2015**

114. Sannino A, Romeo S, Zeni O, Massa R, Scarfì MR, Zanotti G, Modenese A, Gobba F. The incidence of micronuclei in buccal mucosa cells as a possible biomarker in the evaluation of occupational risk for MRI workers". Proc. the 31st International Congress on Occupational Health, 31st May-5th June 2015, Seoul (South Korea), IC-0678

115. Modenese, A.; Zanotti, G.; Gobba, F. Long-Term Eye Effects And Occupational Exposure To Solar Radiation: A Systematic Review Of The Recent Literature. Proc. the 31st International Congress on Occupational Health, 31st May-5th June 2015, Seoul (South Korea), IC-0718

116. Zanotti G, Modenese A, Corona G, Ligabue G, Gobba F. Prevalence of subjective symptoms in a group of physicians recently involved in Magnetic Resonance Imaging (MRI) procedures. Proc. the 31st International Congress on Occupational Health, 31st May-5th June 2015, Seoul (South Korea), IC-0669

117. Modenese, A; Pellacani, G; Farnetani, F; Andreoli, A; Gobba, F. [Occupational exposure to solar radiation in a sample of dermatologica patients]. 2015. Proc. of the "78° Congresso Nazionale SIMLII", Milan (Italy), 25-27 November 2015. In Med Lav. Vol. 106 (Supp. 2 – 2015). *Italian*.

118. Borra, M; Grandi, C; Militello, A; Bisegna, F; Gugliermetti, F; Modenese, A; Gobba, F. [A methodology for the evaluation of the accumulated solar radiation exposure of outdoor workers]. 2015. Proc. of the "78° Congresso Nazionale SIMLII", Milan (Italy), 25-27 November 2015. In Med Lav. Vol. 106 (Supp. 2 – 2015). *Italian*.

119. Modenese, A; Gobba, F; Mattioli, S; Violante, Fs; Zanotti, G; Curti, S; Marinelli, Francesco; Campos, Emilio; Fresina, M. Occupational exposure to solar radiation and age-related macular degeneration: a case control study. Proc. the 31st International Congress on Occupational Health, 31st May-5th June 2015, Seoul (South Korea), IC-0717.

120. Modenese, A.; Gobba, F. Solar radiation: a neglected health risk in exposed workers. Proc. the 31st International Congress on Occupational Health, 31st May-5th June 2015, Seoul (South Korea), SS-0301.

**2014**

121. Modenese, Alberto; Bisegna, Fabio; Borra, Massimo; Grandi, Carlo; Gugliermetti, Franco; Militello, Andrea; Gobba, Fabriziomaria. A new method for the evaluation of cumulative solar radiation exposure in outdoor workers. In: B"LGARSKO SPISANIE ZA OBŝESTVENO ZDRAVE. VII:2(supp.1)(2014), pp. 221-227. (Proc. of the 8th International Workshop on Biological Effects of Electromagnetic Fields, Varna (Bulgaria), 21-26 Settembre 2014. ISSN 1313-860X

122. Modenese, Alberto; Bisegna, F; Bombarda, M; Borra, M; Grandi, C; Gugliermetti, F; Militello, A; Gobba, Fabriziomaria. [A proposal for a method evaluating cumulative exposure to solar radiation of outdoor workers]. 2014. Proc. of the "Convegno Nazionale <<Nuccio Abbate>> delle Suole Italiane di Medicina del Lavoro", Siracusa (Italy), 23-24 June 2014, pp. 53-54. *Italian.*

123. Modenese, Alberto; Bisegna, F; Borra, M; Grandi, C; Gugliermetti, F; Militello, A; Gobba, Fabriziomaria. Assessing the cumulative solar radiation exposure among outdoor

workers: presentation of a method for epidemiological studies. Proc. of the 5th International Conference on Electromagnetic Fields, Health and Environment, Porto (Portugal), 24-25 April 2014. Vol 1:(2014), pp. 1-6.

124. Modenese, Alberto; Gobba, Fabriziomaria. [A literature review: age-related macular degeneration and work]. 2014. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. XXXVI, pp. 172-172. Proc. of the “77° Congresso Nazionale SIMLII. Salute sul lavoro, lavoro e salute: una proposta per l'Italia che riparte”. Bologna (Italy), 15-17 October 2014. ISSN 1592-7830. *Italian.*

**2013**

125. Modenese, Alberto; Gobba, Fabriziomaria. [Solar Radiation and work: exposure, effects and prevention]. AGGIORNAMENTI DI RADIOPROTEZIONE. 2013, vol. 44:1, pp. 4-15. ISSN 2281-7956. *Italian*.

126. Modenese, Alberto; Gobba, Fabriziomaria. [Occupational exposure to optical radiation and cataract risk: a review of recent scientific literature data] 2013. Proc. of the “30° Congresso Nazionale AIDII”, Maranello (Modena, Italy), 26-28 June 2013, pp. 563-567. ISBN 978-88-86293-22-8. *Italian.*

127. Modenese, Alberto; Gobba, Fabriziomaria. [Occupational exposure to optical radiation and pterigium: a review of recent scientific literature data of the last 20 years]. 2013, Proc. of the “30° Congresso Nazionale AIDII”, Maranello (Modena, Italy), 26-28 June 2013, pp. 622-627. ISBN 978-88-86293-22-8. *Italian.*

128. Modenese, Alberto; Gobba, Fabriziomaria. [Chronic ocular diseases in outdoor workers: an underestimated risk]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2013. Vol. XXXV, pp. 78-78. Proc. of the “76° Congresso Nazionale SIMLII”, Giardini Naxos (Messina, Italy), 9-11 October 2013. ISSN 1592-7830. *Italian.*

129. M., Borra; Modenese, Alberto; A., Militello; F., Bisegna; C., Grandi; F., Gugliermetti; Gobba, Fabriziomaria. [A methodological approach for the evaluation of the cumulative dose of solar radiation in outdoor workers]. GIORNALE ITALIANO DI MEDICINA DEL LAVORO ED ERGONOMIA. 2013. Vol. XXXV, pp. 47-48. Proc. of the “76° Congresso Nazionale SIMLII”, Giardini Naxos (Messina, Italy), 9-11 October 2013. ISSN 1592-7830. *Italian.*

**2012**

130. Gobba F, Modenese A. [Occupational risk related to optical radiation exposure in construction workers]. G Ital Med Lav Ergon. 2012 Jul-Sep;34(3 Suppl):144-6. *Italian.*

**2011**

131. Gobba F, Modenese A, Occhionero V. [Bernardino Ramazzini's intuitions and modern occupational medicine]. Med Secoli. 2011;23(2):443-63. *Italian.*

**2010**

132. Roccatto L, Modenese A, Occhionero V, Barbieri A, Serra D, Miani E, Gobba F. [Heat stroke in the workplace: description of a case with fatal outcome]. Med Lav. 2010 Nov-Dec;101(6):446-52. *Italian.*