

Caterina Ledda

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

3,149
citations

186265
28
h-index

206112
48
g-index

141
all docs

141
docs citations

141
times ranked

3844
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Stigma during COVID-19 and its Impact on HCWs Outcomes. Sustainability, 2020, 12, 3834.	3.2	260
2	Heavy metals concentrations in fish and shellfish from eastern Mediterranean Sea: Consumption advisories. Food and Chemical Toxicology, 2013, 53, 33-37.	3.6	259
3	COVID-19 Pandemic: Prevention and Protection Measures to Be Adopted at the Workplace. Sustainability, 2020, 12, 3603.	3.2	183
4	The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Oncology, The, 2022, 23, 27-52.	10.7	90
5	Vaccination of healthcare workers: is mandatory vaccination needed?. Expert Review of Vaccines, 2019, 18, 5-13.	4.4	89
6	Vaccination of healthcare personnel in Europe: Update to current policies. Vaccine, 2019, 37, 7576-7584.	3.8	86
7	Attitudes of Healthcare Personnel towards Vaccinations before and during the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 2703.	2.6	80
8	The burden of mental disorders, substance use disorders and self-harm among young people in Europe, 1990â€“2019: Findings from the Global Burden of Disease Study 2019. Lancet Regional Health - Europe, The, 2022, 16, 100341.	5.6	70
9	Evaluation of Heavy Metals and Polycyclic Aromatic Hydrocarbons (PAHs) in <i>Mullus barbatus</i> from Sicily Channel and Risk-Based Consumption Limits. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 946-950.	2.7	62
10	Cytokine patterns in greenhouse workers occupationally exposed to Î±-cypermethrin: An observational study. Environmental Toxicology and Pharmacology, 2013, 36, 796-800.	4.0	60
11	Night-Time Shift Work and Related Stress Responses: A Study on Security Guards. International Journal of Environmental Research and Public Health, 2020, 17, 562.	2.6	59
12	Circadian Modulation of 8-Oxoguanine DNA Damage Repair. Scientific Reports, 2015, 5, 13752.	3.3	58
13	Non-infective occupational risk factors for hepatocellular carcinoma: A review. Molecular Medicine Reports, 2017, 15, 511-533.	2.4	58
14	Determinants of intention to get vaccinated against COVID-19 among healthcare personnel in hospitals in Greece. Infection, Disease and Health, 2021, 26, 189-197.	1.1	53
15	Cadmium exposure and prostate cancer insights mechanisms and perspectives. Frontiers in Bioscience - Landmark, 2018, 23, 1687-1700.	3.0	48
16	Pesticide exposure assessed through agricultural crop proximity and risk of amyotrophic lateral sclerosis. Environmental Health, 2017, 16, 91.	4.0	43
17	Blood pressure and occupational exposure to noise and lead (Pb). Toxicology and Industrial Health, 2016, 32, 1729-1736.	1.4	42
18	Oxidative stress and DNA damage in agricultural workers after exposure to pesticides. Journal of Occupational Medicine and Toxicology, 2021, 16, 1.	2.2	42

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19	Seasonal variation of bioaccumulation in <i>Engraulis encrasicolus</i> (Linnaeus, 1758) and related biomarkers of exposure. <i>Ecotoxicology and Environmental Safety</i> , 2012, 86, 31-37.	6.0	41
20	Cytotoxicity, oxidative stress and genotoxicity induced by glass fibers on human alveolar epithelial cell line A549. <i>Toxicology in Vitro</i> , 2015, 29, 551-557.	2.4	41
21	Exposure to multiple metals/metalloids and human semen quality: A cross-sectional study. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112165.	6.0	41
22	Gender stereotypes in occupational choice: a cross-sectional study on a group of Italian adolescents. <i>Psychology Research and Behavior Management</i> , 2017, Volume 10, 109-117.	2.8	40
23	Touch DNA: impact of handling time on touch deposit and evaluation of different recovery techniques: An experimental study. <i>Scientific Reports</i> , 2019, 9, 9542.	3.3	39
24	Biomarkers for Early Diagnosis and Prognosis of Malignant Pleural Mesothelioma: The Quest Goes on. <i>Cancers</i> , 2018, 10, 203.	3.7	37
25	Attitude of Health Care Workers (HCWs) toward Patients Affected by HIV/AIDS and Drug Users: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 284.	2.6	34
26	Detection of pleural plaques in workers exposed to inhalation of natural fluoro-edenite fibres. <i>Oncology Letters</i> , 2015, 9, 2046-2052.	1.8	31
27	Natural carcinogenic fiber and pleural plaques assessment in a general population: A cross-sectional study. <i>Environmental Research</i> , 2016, 150, 23-29.	7.5	30
28	Medical school fails to improve Mediterranean diet adherence among medical students. <i>European Journal of Public Health</i> , 2015, 25, 1019-1023.	0.3	29
29	Health promotion, psychological distress, and disease prevention in the workplace: a cross-sectional study of Italian adults. <i>Risk Management and Healthcare Policy</i> , 2017, Volume 10, 167-175.	2.5	29
30	MacroH2A1 Immunoexpression in Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1519.	2.8	29
31	The usefulness of immunotherapy in pediatric neurodegenerative disorders: A systematic review of literature data. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2749-2763.	3.3	28
32	Absence of t(14;18) chromosome translocation in agricultural workers after short-term exposure to pesticides. <i>Molecular Medicine Reports</i> , 2017, 15, 3379-3382.	2.4	28
33	Serum lipid, lipoprotein and apolipoprotein profiles in workers exposed to low arsenic levels. <i>Toxicology Letters</i> , 2018, 282, 49-56.	0.8	27
34	High HOMA-IR Index in Healthcare Shift Workers. <i>Medicina (Lithuania)</i> , 2019, 55, 186.	2.0	27
35	Gestational Hypertension and Organophosphorus Pesticide Exposure: A Cross-Sectional Study. <i>BioMed Research International</i> , 2015, 2015, 1-5.	1.9	26
36	FBLN-3 as a biomarker of pleural plaques in workers occupationally exposed to carcinogenic fibers: a pilot study. <i>Future Oncology</i> , 2015, 11, 35-37.	2.4	26

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37	Incidence of sharp and needle-stick injuries and mucocutaneous blood exposure among healthcare workers. <i>Future Microbiology</i> , 2019, 14, 27-31.	2.0	26
38	Early effects of fluoro-edenite: correlation between IL-18 serum levels and pleural and parenchymal abnormalities. <i>Future Oncology</i> , 2016, 12, 59-62.	2.4	25
39	BRCA1 and BRCA2 Gene Expression: Diurnal Variability and Influence of Shift Work. <i>Cancers</i> , 2019, 11, 1146.	3.7	25
40	Exposure to Toxic Heavy Metals Can Influence Homocysteine Metabolism?. <i>Antioxidants</i> , 2020, 9, 30.	5.1	24
41	Modulation of microRNA expression levels after naturally occurring asbestiform fibers exposure as a diagnostic biomarker of mesothelial neoplastic transformation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110640.	6.0	24
42	Tetanus immunity in construction workers in Italy. <i>Occupational Medicine</i> , 2014, 64, 217-219.	1.4	22
43	Sheep lymph-nodes as a biological indicator of environmental exposure to fluoro-edenite. <i>Environmental Research</i> , 2016, 147, 97-101.	7.5	22
44	Attitudes and Perception of Healthcare Workers Concerning Influenza Vaccination during the 2019/2020 Season: A Survey of Sicilian University Hospitals. <i>Vaccines</i> , 2020, 8, 686.	4.4	22
45	Safe Management Strategies in Clinical Forensic Autopsies of Confirmed COVID-19 Cases. <i>Diagnostics</i> , 2021, 11, 457.	2.6	22
46	Immunomodulatory effects in workers exposed to naturally occurring asbestos fibers. <i>Molecular Medicine Reports</i> , 2017, 15, 3372-3378.	2.4	21
47	Thyroid Cancer and Circadian Clock Disruption. <i>Cancers</i> , 2020, 12, 3109.	3.7	21
48	Straining at Work and Its Relationship with Personality Profiles and Individual Consequences in Healthcare Workers (HCWs). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 610.	2.6	21
49	Immunohistochemical Expression of Aquaporin-1 in Fluoro-Edenite-Induced Malignant Mesothelioma: A Preliminary Report. <i>International Journal of Molecular Sciences</i> , 2018, 19, 685.	4.1	18
50	Immunization Status against Measles of Health-Care Workers Operating at Three Sicilian University Hospitals: An Observational Study. <i>Vaccines</i> , 2019, 7, 175.	4.4	17
51	Prevalence of smoking habits, attitudes, knowledge and beliefs among Health Professional School students: a cross-sectional study. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2013, 49, 143-9.	0.4	17
52	COVID-19 Pandemic: New Prevention and Protection Measures. <i>Sustainability</i> , 2022, 14, 4766.	3.2	17
53	Malignant Pleural Mesothelioma: The Need to Move from Research to Clinical Practice. <i>Archives of Medical Research</i> , 2016, 47, 407.	3.3	16
54	Prevalence of anti-nuclear autoantibodies in subjects exposed to natural asbestiform fibers: a cross-sectional study. <i>Journal of Immunotoxicology</i> , 2018, 15, 24-28.	1.7	16

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55	What Prompts Doctors to Recommend COVID-19 Vaccines: Is It a Question of Positive Emotion?. Vaccines, 2021, 9, 578.	4.4	16
56	High risk of pleural plaques and parenchymal abnormalities in women living in Biancavilla (Italy). Future Oncology, 2016, 12, 63-65.	2.4	15
57	Analysis of fibulin-3 after exposure to asbestos-like fibers. Environmental Research, 2017, 156, 381-387.	7.5	15
58	Lead exposure and plasma mRNA expression in ERBB2 gene. Molecular Medicine Reports, 2017, 15, 3361-3365.	2.4	15
59	Vaccine-preventable disease in healthcare workers in Sicily (Italy): seroprevalence against measles. Future Microbiology, 2019, 14, 33-36.	2.0	15
60	Health, Transport and the Environment: The Impacts of the COVID-19 Lockdown on Air Pollution. Frontiers in Public Health, 2021, 9, 637540.	2.7	15
61	How to investigate human health effects related to exposure to mixtures of per- and polyfluoroalkyl substances: A systematic review of statistical methods. Environmental Research, 2022, 205, 112565.	7.5	15
62	Coverage rates against vaccine-preventable diseases among healthcare workers in Sicily (Italy). European Journal of Public Health, 2021, 31, 56-56.	0.3	14
63	SARS-CoV-2 mRNA Vaccine Breakthrough Infections in Fully Vaccinated Healthcare Personnel: A Systematic Review. Tropical Medicine and Infectious Disease, 2022, 7, 9.	2.3	14
64	Professional exposure to basaltic rock dust: assessment by the Vibrio fischeri ecotoxicological test. Journal of Occupational Medicine and Toxicology, 2013, 8, 23.	2.2	13
65	Mutagenic and DNA repair activity in traffic policemen: a case-crossover study. Journal of Occupational Medicine and Toxicology, 2018, 13, 24.	2.2	13
66	Vaccination of healthcare personnel: time to rethink the current situation in Europe. Future Microbiology, 2019, 14, 5-8.	2.0	13
67	<i>NOCTURNIN</i> Gene Diurnal Variation in Healthy Volunteers and Expression Levels in Shift Workers. BioMed Research International, 2019, 2019, 1-8.	1.9	13
68	Alcohol Abuse and Insomnia Disorder: Focus on a Group of Night and Day Workers. International Journal of Environmental Research and Public Health, 2021, 18, 13196.	2.6	13
69	Knowledge, Attitudes, Perceptions and Vaccination Acceptance/Hesitancy among the Community Pharmacists of Palermo's Province, Italy: From Influenza to COVID-19. Vaccines, 2022, 10, 475.	4.4	12
70	Magnetic fields exposure from high-voltage power lines and risk of amyotrophic lateral sclerosis in two Italian populations. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 583-589.	1.7	11
71	A randomized controlled trial to compare group motivational interviewing to very brief advice for the effectiveness of a workplace smoking cessation counseling intervention. Journal of Addictive Diseases, 2020, 38, 465-474.	1.3	11
72	Telomere Length as a Biomarker of Biological Aging in Shift Workers. Applied Sciences (Switzerland), 2020, 10, 2764.	2.5	11

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73	A Combined Multidisciplinary Intervention for Health Promotion in the Workplace: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1512.	2.4	11
74	Diagnostic and Prognostic Value of Three microRNAs in Environmental Asbestiform Fibers-Associated Malignant Mesothelioma. <i>Journal of Personalized Medicine</i> , 2021, 11, 1205.	2.5	11
75	Home Working and Physical Activity during SARS-CoV-2 Pandemic: A Longitudinal Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13021.	2.6	11
76	Vaccination policies for healthcare personnel in the COVID-19 era: current challenges and future perspectives. <i>Vaccine: X</i> , 2022, , 100172.	2.1	11
77	Health Occupation and Job Satisfaction: The Impact of Psychological Capital in the Management of Clinical Psychological Stressors of Healthcare Workers in the COVID-19 Era. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6134.	2.6	11
78	Fibulin-3 immunoexpression in malignant mesothelioma due to fluoro-edenite: a preliminary report. <i>Future Oncology</i> , 2018, 14, 53-57.	2.4	10
79	Serum concentrations of perfluorinated compounds among children living in Sicily (Italy). <i>Toxicology Letters</i> , 2018, 298, 186-193.	0.8	10
80	Occupational exposure to fluoro-edenite and prevalence of anti-nuclear autoantibodies. <i>Future Oncology</i> , 2018, 14, 59-62.	2.4	10
81	Mandatory vaccinations for children in Italy: The need for a stable frame. <i>Vaccine</i> , 2019, 37, 4419-4420.	3.8	10
82	Hepatitis B vaccination coverage among medical residents from Catania University Hospital, Italy. <i>Future Microbiology</i> , 2019, 14, 41-44.	2.0	10
83	Defense and protection mechanisms in lung exposed to asbestiform fiber: the role of macrophage migration inhibitory factor and heme oxygenase-1. <i>European Journal of Histochemistry</i> , 2020, 64, .	1.5	10
84	SARS-CoV-2 Seroprevalence Post-First Wave among Primary Care Physicians in Catania (Italy). <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 21.	2.3	10
85	Survey on COVID-19 related mortality associated with occupational infection during the first phase of the pandemic: A systematic review. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 10.	1.8	10
86	Occupational and Environmental Carcinogenesis. <i>Cancers</i> , 2020, 12, 2547.	3.7	9
87	Vaccination in healthcare workers: risk assessment, planning, strategy of intervention and legal implications. <i>Future Microbiology</i> , 2019, 14, 1-3.	2.0	8
88	A Rare Case of Suicide by Ingestion of Phorate: A Case Report and a Review of the Literature. <i>Healthcare (Switzerland)</i> , 2021, 9, 131.	2.0	8
89	An In vivo Immunohistochemical Study on MacroH2A.1 in Lung and Lymph-Node Tissues Exposed to an Asbestiform Fiber. <i>Current Molecular Medicine</i> , 2020, 20, 653-660.	1.3	8
90	Relation between psychosomatic disturbances and job stress in video display unit operators. <i>Work</i> , 2019, 64, 303-310.	1.1	7

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91	Apoptotic mechanism activated by blue light and cisplatin in cutaneous squamous cell carcinoma cells. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	4.0	7
92	The Italian Version of the Adult Vaccine Hesitancy Scale (aVHS) for the Working-Age Population: Cross-Cultural Adaptation, Reliability, and Validity. <i>Vaccines</i> , 2022, 10, 224.	4.4	7
93	Vaccination coverage rates and attitudes towards mandatory vaccinations among healthcare personnel in tertiary-care hospitals in Greece. <i>Expert Review of Vaccines</i> , 2022, 21, 853-859.	4.4	7
94	Management of High-Pressure Injection Hand Injuries: A Multicentric, Retrospective, Observational Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 2000.	2.4	6
95	Considerations on the Update of the Risk Assessment Document During the Pandemic State by COVID-19 in Italy. <i>Frontiers in Public Health</i> , 2021, 9, 655927.	2.7	6
96	Exosomal miR-92a Concentration in the Serum of Shift Workers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 430.	2.5	6
97	Tuberculosis screening among healthcare workers in Sicily, Italy. <i>Future Microbiology</i> , 2019, 14, 37-40.	2.0	5
98	Fibulin-3 as biomarker of malignant mesothelioma. <i>Biomarkers in Medicine</i> , 2019, 13, 875-886.	1.4	5
99	Biological Monitoring of Exposure to Benzene in Port Workers. <i>Frontiers in Public Health</i> , 2020, 8, 271.	2.7	5
100	Dysregulation of microRNAs and tRNA-derived ncRNAs in mesothelial and mesothelioma cell lines after asbestiform fiber exposure. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
101	Abnormal Plasma Cell Disorders in Refinery Waste Workers. <i>Journal of Clinical Medicine</i> , 2018, 7, 221.	2.4	4
102	Immunohistochemical Expression of Serine and Arginine-Rich Splicing Factor 1 (SRSF1) in Fluoro-Edenite-Induced Malignant Mesothelioma: A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6249.	2.6	4
103	Immunohistochemical expression and localization of MMP-9, MMP-13, E-Cadherin and Ki-67 in road pavers' skin chronically exposed to bitumen products. <i>Histology and Histopathology</i> , 2019, 34, 1141-1150.	0.7	4
104	Activation of caspase-3 in malignant mesothelioma induced by asbestiform fiber: an study. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2020, 34, 1163-1166.	0.7	4
105	Kinesiological Treatment of Early Spine Osteoarthritis in a Motorcyclist. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 961.	2.6	4
106	ATG7 immunohistochemical expression in Malignant Pleural Mesothelioma. A preliminary report. <i>Histology and Histopathology</i> , 2021, , 18396.	0.7	4
107	The therapeutic use of cannabinoids: Forensic aspects. <i>Forensic Science International</i> , 2016, 265, 200-203.	2.2	3
108	Occupational exposure to Mount Etna's basaltic dust: Assessment of mutagenic and cytotoxic effects. <i>Molecular Medicine Reports</i> , 2017, 15, 3350-3354.	2.4	3

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109	Biomarkers and Human Biomonitoring in Occupational Medicine. Applied Sciences (Switzerland), 2020, 10, 6181.	2.5	3
110	Comparison of PAH Levels Between Wild Fish and Farmed Fish. Epidemiology, 2011, 22, S250.	2.7	2
111	3rd Etnean Occupational Medicine Workshopâ€”Breast Cancer and Work. Cancers, 2020, 12, 1925.	3.7	2
112	Pathway of Inflammation due to Asbestiform Fiber â€œFluoro-edeniteâ€•Exposure: An Update. Current Respiratory Medicine Reviews, 2021, 16, 73-75.	0.2	2
113	Epidemiological Research on Occupational and Environmental Carcinogens. International Journal of Environmental Research and Public Health, 2021, 18, 2215.	2.6	2
114	How the Heart Was Involved in COVID-19 during the First Pandemic Phase: A Review. Epidemiologia, 2021, 2, 124-139.	2.2	2
115	Adaption of Lung Fibroblasts to Fluoro-Edenite Fibers: Evaluation of Molecular and Physiological Dynamics. Cellular Physiology and Biochemistry, 2021, 55, 327-343.	1.6	2
116	First Results about an Ostreopsis Ovata Monitoring along the Catania Coast (Sicily-Italy). Epidemiology, 2009, 20, S159.	2.7	2
117	Editorial: Occupational Medicine: Disease Risk Factors and Health Promotion. Frontiers in Public Health, 2021, 9, 819545.	2.7	2
118	Preliminary Study on The toxicity of Some Anions Using Vibrio Fischeri as a Biological Target. Epidemiology, 2011, 22, S67.	2.7	1
119	Influence of Polymorphisms of DNA Repair and GST Genes on Genotoxic Damage and Mutagen Sensitivity in Workers Occupationally Exposed to Very Low Doses of Ionizing Radiation. Applied Sciences (Switzerland), 2019, 9, 5175.	2.5	1
120	Is the Control of Benzo(a)Pyrene Enough in the Products of the Fishing?. Epidemiology, 2011, 22, S34.	2.7	0
121	Characterization of Finished Products of Building-Street Field Samples: Chemical and Ecotoxicological Approach. Epidemiology, 2011, 22, S155.	2.7	0
122	Environmental Assessment of the Operating Rooms: Microclimatic Measurements. Epidemiology, 2011, 22, S36-S37.	2.7	0
123	P-159. Epidemiology, 2012, 23, 1.	2.7	0
124	P-160. Epidemiology, 2012, 23, 1.	2.7	0
125	P-046. Epidemiology, 2012, 23, 1.	2.7	0
126	P-383. Epidemiology, 2012, 23, 1.	2.7	0

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127	P-292. Epidemiology, 2012, 23, 1.	2.7	0
128	Array-CGH in pediatric neurology: A prospective observational study. European Journal of Inflammation, 2016, 14, 196-199.	0.5	0
129	Occupationally exposed to asbestiform fibers: study of cytokines involvement. , 2019, , .		0
130	Epidemiology of measles: study of seroprevalence in a cohort of Sicilianâ€™s (Italy) healthcare workers. , 2019, , .		0
131	Congenital muscular dystrophy and epilepsy: a prospective case series of pediatric patients. Journal of Biological Regulators and Homeostatic Agents, 2016, 30, 1217-1221.	0.7	0
132	Pesticide exposure and gender discrepancy in breast cancer. European Review for Medical and Pharmacological Sciences, 2021, 25, 2898-2915.	0.7	0