

# Luca Fontana

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,848  
citations

304743

22  
h-index

265206

42  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2786  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Metals as Endocrine Disruptors. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2009, 12, 206-223.	6.5	370
2	The Effects of Nanomaterials as Endocrine Disruptors. International Journal of Molecular Sciences, 2013, 14, 16732-16801.	4.1	175
3	Artificial Stone Associated Silicosis: A Systematic Review. International Journal of Environmental Research and Public Health, 2019, 16, 568.	2.6	118
4	Nanoparticle Exposure and Hormetic Doseâ€“Responses: An Update. International Journal of Molecular Sciences, 2018, 19, 805.	4.1	100
5	The effects of nanoparticles on the renal system. Critical Reviews in Toxicology, 2016, 46, 490-560.	3.9	84
6	Review of measurement techniques and methods for assessing personal exposure to airborne nanomaterials in workplaces. Science of the Total Environment, 2017, 603-604, 793-806.	8.0	69
7	Hormetic doseâ€“responses in nanotechnology studies. Science of the Total Environment, 2014, 487, 361-374.	8.0	52
8	Biomedical nanotechnology: Occupational views. Nano Today, 2019, 24, 10-14.	11.9	50
9	Hormetic dose responses induced by antibiotics in bacteria: A phantom menace to be thoroughly evaluated to address the environmental risk and tackle the antibiotic resistance phenomenon. Science of the Total Environment, 2021, 798, 149255.	8.0	49
10	Biomonitoring of tram drivers exposed to airborne platinum, rhodium and palladium. International Archives of Occupational and Environmental Health, 2007, 81, 109-114.	2.3	46
11	Does Workersâ€™ Compensation Status Affect Outcomes after Lumbar Spine Surgery? A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 6165.	2.6	45
12	The effects of palladium nanoparticles on the renal function of female Wistar rats. Nanotoxicology, 2015, 9, 843-851.	3.0	38
13	In vitro evaluation of the potential toxic effects of palladium nanoparticles on fibroblasts and lung epithelial cells. Toxicology in Vitro, 2017, 42, 191-199.	2.4	38
14	The occupational health and safety dimension of Industry 4.0. Medicina Del Lavoro, 2018, 110, 327-338.	0.4	38
15	Exposure of Rome City Tram Drivers to Airborne Platinum, Rhodium, and Palladium. Journal of Occupational and Environmental Medicine, 2008, 50, 1158-1166.	1.7	33
16	Characterization of Argentine honeys on the basis of their mineral content and some typical quality parameters. Chemistry Central Journal, 2014, 8, 44.	2.6	32
17	Occupational Risk Assessment of Engineered Nanomaterials: Limits, Challenges and Opportunities. Current Nanoscience, 2016, 13, 55-78.	1.2	30
18	Chronic Obstructive Pulmonary Disease in Farmers. Journal of Occupational and Environmental Medicine, 2017, 59, 775-788.	1.7	29

#	ARTICLE	IF	CITATIONS
19	Assessment of occupational exposure to engineered nanomaterials in research laboratories using personal monitors. <i>Science of the Total Environment</i> , 2018, 627, 689-702.	8.0	29
20	Nanomaterial exposure and sterile inflammatory reactions. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 80-92.	2.8	28
21	Exposure to Palladium Nanoparticles Affects Serum Levels of Cytokines in Female Wistar Rats. <i>PLoS ONE</i> , 2015, 10, e0143801.	2.5	27
22	Prevalence of work related musculoskeletal disorders in Italian workers: is there an underestimation of the related occupational risk factors?. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 738.	1.9	26
23	The Effects of Workplace Interventions on Low Back Pain in Workers: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12614.	2.6	23
24	Susceptibility to Coronavirus (COVID-19) in Occupational Settings: The Complex Interplay between Individual and Workplace Factors. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1030.	2.6	22
25	Effects of sub-chronic exposure to palladium (as potassium hexachloro-palladate) on cytokines in male Wistar rats. <i>Human and Experimental Toxicology</i> , 2008, 27, 493-497.	2.2	21
26	The Impact of Thyroid Diseases on the Working Life of Patients: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4295.	2.6	21
27	Characterization of Inhalable, Thoracic, and Respirable Fractions and Ultrafine Particle Exposure During Grinding, Brazing, and Welding Activities in a Mechanical Engineering Factory. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 430-445.	1.7	18
28	Environmental and biological monitoring of iridium in the city of Rome. <i>Chemosphere</i> , 2008, 71, 568-573.	8.2	17
29	Distribution and elimination of palladium in rats after 90-day oral administration. <i>Toxicology and Industrial Health</i> , 2010, 26, 183-189.	1.4	17
30	Low-dose computed tomography screening for lung cancer in people with workplace exposure to asbestos. <i>Lung Cancer</i> , 2019, 131, 23-30.	2.0	17
31	Impact of Shift Work and Long Working Hours on Worker Cognitive Functions: Current Evidence and Future Research Needs. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6540.	2.6	17
32	Professional activity, information demands, training and updating needs of occupational medicine physicians in Italy: National survey. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2016, 29, 837-858.	1.3	17
33	Iridium alters immune balance between t helper 1 and t helper 2 responses. <i>Human and Experimental Toxicology</i> , 2010, 29, 213-219.	2.2	16
34	Collaboration of occupational physicians with national health system and general practitioners in Italy. <i>Industrial Health</i> , 2017, 55, 180-191.	1.0	15
35	Subchronic exposure to palladium nanoparticles affects serum levels of cytokines in female Wistar rats. <i>Human and Experimental Toxicology</i> , 2018, 37, 309-320.	2.2	15
36	Palladium nanoparticle effects on endocrine reproductive system of female rats. <i>Human and Experimental Toxicology</i> , 2018, 37, 1069-1079.	2.2	14

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37	The effects of iridium on the renal function of female Wistar rats. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1795-1799.	6.0	13
38	Low dose ionizing radiation exposure and risk of thyroid functional alterations in healthcare workers. <i>European Journal of Radiology</i> , 2020, 132, 109279.	2.6	11
39	Improving the job-retention strategies in multiple sclerosis workers: the role of occupational physicians. <i>Industrial Health</i> , 2019, 57, 52-69.	1.0	10
40	Fractional Exhaled Nitric Oxide and Nanomaterial Exposure in Workplaces. <i>Current Medicinal Chemistry</i> , 2020, 27, 7200-7212.	2.4	10
41	Occupational Risk Factors and Hypertensive Disorders in Pregnancy: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8277.	2.6	8
42	The effects of rhodium on the renal function of female Wistar rats. <i>Chemosphere</i> , 2014, 104, 120-125.	8.2	7
43	Land use: The perception of risk by the citizens and local administrators in the North of Italy. <i>Land Use Policy</i> , 2018, 76, 553-564.	5.6	7
44	Sub-chronic palladium nanoparticle effects on the endocrine reproductive system of female Wistar rats: Preliminary data. <i>Toxicology and Industrial Health</i> , 2019, 35, 403-409.	1.4	7
45	Effects of Sub-Acute Exposure to Rhodium (as Rh (III) chloride hydrate) on Cytokines in Female Wistar Rats. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 686-692.	2.7	6
46	Noise induced epigenetic effects: A systematic review. <i>Noise and Health</i> , 2020, 22, 77-89.	0.5	5
47	Sub-Chronic Oral Exposure to Iridium (III) Chloride Hydrate in Female Wistar Rats: Distribution and Excretion of the Metal. <i>Dose-Response</i> , 2012, 10, dose-response.1.	1.6	4
48	Reply to Accelerated Silicosis—An Emerging Epidemic Associated with Engineered Stone. Comment on Leso, V. et al. Artificial Stone-Associated Silicosis: A Systematic Review. <i>Int. J. Environ. Res. Public Health</i> 2019, 16(4), 568, doi:10.3390/ijerph16040568. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1201.	2.6	1
49	An innovative approach to identify past exposure to asbestos integrating questionnaire information and administrative data. <i>Health Policy</i> , 2021, 125, 246-253.	3.0	1
50	A Cardiovascular Risk Score for Use in Occupational Medicine. <i>Journal of Clinical Medicine</i> , 2021, 10, 2789.	2.4	1
51	Monitoring Nanomaterials in the Workplace. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2020, , 57-74.	0.1	1
52	Safety, regulation, and policy. , 2021, , 83-95.		0
53	Biomarkers of exposure to metal nanoparticles in workplaces: methodology and preliminary results. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
54	Occupational Exposure to Urban Airborne Particulate Matter: A Review on Environmental Monitoring and Health Effects. <i>Environmental Science and Engineering</i> , 2010, , 501-525.	0.2	0